MICHELLE NORONHA DA MATTA BAPTISTA

HYSTORICAL SYNTHESIS OF THE BIRDS OF THE RIO DOCE HYDROGRAPHIC BASIN, SOUTHEASTERN BRAZIL

Dissertação apresentada à Universidade Federal de Viçosa, como parte das exigências do Programa de Pós-Graduação em Biologia Animal, para obtenção do título de *Magister Scientiae*.

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APROVADA: 30 de novembro de 2018.

Marcelo Ferreira de Vasconcelos

Alexandre Mendes Fernandes

Neander Marcel Heming
(Coorientador)

Leonardo Esteves Lopes
(Orientador)

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SUMÁRIO

RESUMO

BAPTISTA, Michelle Noronha da Matta, M.Sc., Universidade Federal de Viçosa, novembro de 2018. **Síntese histórica das aves da bacia do Rio Doce, sudeste do Brasil.** Orientador: Leonardo Esteves Lopes. Coorientador: Neander Marcel Heming.

A bacia hidrográfica do Rio Doce (RDB) localiza-se nos estados de Minas Gerais e do Espírito Santo, sudeste do Brasil. Inserida quase totalmente na Mata Atlântica, a paisagem da bacia sofreu modificação antrópica por quase 200 anos. Atualmente, possui poucos remanescentes de floresta nativa, um panorama muitas vezes negligenciado tanto pela população local quanto pelo governo. Um desastre mais intenso ocorreu recentemente, em 2015, quando uma barragem contendo rejeitos de ferro se rompeu e atingiu o Rio Doce, percorrendo desde o alto da RDB até o mar. Três anos depois, suas águas ainda apresentam traços de contaminação e, até o momento, não foi possível verificar os efeitos no ambiente e no ecossistema da bacia. A compreensão desses impactos e o planejamento de estratégias de manejo e recuperação para a conservação requerem, inicialmente, uma boa avaliação dos dados de biodiversidade que documentam essas mudanças ao longo do tempo na RDB. As aves são uma escolha adequada neste caso, pois são sensíveis às mudanças ambientais e são consideradas ótimas bioindicadoras. Ademais, formam um grupo de vertebrados muito bem estudado e possuem uma grande quantidade de dados disponíveis para a região de estudo. Até a presente data, nenhuma grande compilação de dados de biodiversidade foi feita para toda a RDB. Sob essas circunstâncias, nosso estudo teve por objetivo recuperar e organizar essa grande quantidade de dados, que estão dispersos em diversas fontes muitas vezes indisponíveis à comunidade científica internacional, usando aves como grupo modelo. No primeiro capítulo, apresentamos uma caracterização detalhada da bacia do Rio Doce e reconstruímos sua história de exploração ornitológica pelos últimos dois séculos. No segundo capítulo, após revisar e padronizar os dados, compilamos um banco de dados com mais de 80.000 registros de aves datados e georreferenciados, para toda a bacia. Esses dados foram apresentados em forma de lista de espécies comentada.

ABSTRACT

BAPTISTA, Michelle Noronha da Matta, M.Sc., Universidade Federal de Viçosa, November 2018. **Hystorical synthesis of the birds of the Rio Doce hydrographic basin, southeastern Brazil.** Advisor: Leonardo Esteves Lopes. Co-advisor: Neander Marcel Heming.

The Rio Doce hydrographic basin (RDB) is located in the states of Minas Gerais and Espírito Santo, southeastern Brazil. Almost completely within the Atlantic Forest, the basin landscape has suffered anthropic modification for nearly 200 years, and it presents, today, few patches of native forest remamnents, a tragedy much overlooked by the population and the government. A more acute disaster recently occurred in 2015, with the ruption of a dam containing iron waste that reached the Rio Doce, travelling from the upper RDB to the sea. Three years later, its waters still contain traces of contamination and we still cannot comprehend how this affected the environment and ecosystem of the basin. Understanding these impacts and planning managements and restoration strategies for conservation require first the assessment of biodiversity data that documents these changes over the time in the RDB. Birds are a suitable tool in this case, because they are sensitive to environmental changes and are considered great bioindicadors. Furthermore, birds are a very well studied vertebrate group and have a large amount of data available for the study area. To date, no major compilation effort of biodiversity data has ever been performed for the entire RDB. Under these circumstances, our study goal was to retrieve and organize that huge amount of data, which are dispersed in a myriad of sources mostly unavailable to the international scientific community, using birds as model group. In the first chapter, we presented a detailed chaterization of the Rio Doce basin and reconstructed the history of its ornithological exploration over the last two centuries. In the second chapter, after revising and standartizing the data, we compiled a database with more than 80,000 georeferenced and dated bird records for the entire basin, which is presented in the form of an annotated checklist.

INTRODUÇÃO GERAL

A Mata Atlântica é uma província biogeográfica neotropical composta por um conjunto de formações florestais nativas e ecossistemas associados (Ministério do Meio Ambiente 2010) e estende-se pela costa desde o nordeste até o sul do Brasil, com pequenas porções adentrando a Argentina e o Paraguai (Morellato & Haddad 2000, Tabarelli et al. 2010). Atualmente, apenas cerca de 11,4% de sua cobertura original permanece, normalmente consistindo em pequenos fragmentos isolados entre si e dispersos por uma paisagem extremamente degradada (Ribeiro et al. 2009). Ainda assim, a Mata Atlântica abriga uma elevada riqueza de espécies vegetais e animais, sendo uma das mais biodiversas do mundo (Ministério do Meio Ambiente 2010). É considerada, também, um *hotspot* de biodiversidade por apresentar um dos maiores níveis de endemismos da América do Sul (Myers et al. 2000)

A bacia hidrográfica do Rio Doce (RDB) possui quase toda sua área dentro do domínio da Mata Atlântica, com uma pequena porcentagem no Cerrado, outro *hotspot* mundial (Myers et al. 2000). Originalmente, a área da bacia era completamente coberta por Mata Atlântica, com uma floresta tropical praticamente impenetrável que chamou a atenção de diversos naturalistas desde a colonização do Brasil, especialmente a partir do século XIX. Abrangendo parte dos estados de Minas Gerais e Espírito Santo, no sudeste brasileiro, a RDB encontra-se localizada numa área extensivamente explorada durante a colonização do sudeste (Coelho 2009, Coelho 2011).

Durante os últimos dois séculos, a extensão territorial da RDB passou por uma dramática mudança, onde boa parte de suas florestas foram desmatadas para produzir carvão para as empresas siderúrgicas e abrir espaço para a agricultura, pecuária e silvicultura, restando apenas alguns poucos fragmentos de floresta (Strauch 1955, Fonseca 1985). A situação se agravou mais ainda pelo maior desastre ecológico na história do Brasil, quando uma barragem contendo rejeitos de minério de ferro se rompeu em Bento Rodrigues, liberando milhões de metros cúbidos de lama que atingiram o Rio Doce por quase toda a sua extensão. Atualmente, RDB encontra-se localizada em uma das áreas mais degradadas e fragmentadas da Mata Atlântica. Os principais remanescentes florestais da bacia estão, em sua maioria, restritos às áreas protegidas antes do desmatamento ou em áreas isoladas e de elevada altitude, cujo

acesso é mais restrito (Ribeiro et al. 2009, Tabarelli et al. 2010). Cerca de 28% da RDB está inserida na categoria de áreas prioritárias para conservação, mas apenas 5% dessa área é protegida por unidades de conservação (PIRH Doce 2010).

A escolha de áreas prioritárias para a conservação e recuperação leva em consideração diversos fatores, dentre eles a complexidade e a singularidade ecossistêmica do ambiente, a riqueza de espécies e a presença de espécies endêmicas, raras e/ou ameaçadas (Ministério do Meio Ambiente 2002, Drummond et al. 2005). Nesse contexto, as aves são uma escolha adequada para a avaliar inicialmente a situação da bacia do Rio Doce, pois formam um grupo de vertebrados muito bem estudado e, possivelmente, o único com uma quantidade adequada de dados disponíveis para a RDB. Além disso, diferentes espécies de aves respondem de maneira diversa ao ambiente em que vivem e, por isso, são consideradas excelente bioindicadoras de mudanças (Stotz et al 1996).

Sabe-se que, na Mata Atlântica, a avifauna é composta por cerca de 851 espécies de aves, das quais 213 são consideradas endêmicas e 233 estão ameaçadas de extinção (Lima 2013, Pivetta 2014). Algumas espécies podem ter papel fundamental na identificação de comunidades que precisam de proteção (Stotz 1996) e a distribuição de aves tem sido usada na identificação de áreas prioritárias (Bencke et al. 2006). Mesmo assim, nenhuma compilação dos dados de biodiversidade de aves de toda a RDB foi feita até o presente, apesar da grande quantidade de dados disponíveis. Por este motivo, o objetivo deste trabalho foi descrever o histórico de ocupação humana e da exploração ornitológica, compilando, na forma de um banco de dados, todos os registros de aves disponíveis para a bacia do Rio Doce. Ao final, foi produzida uma lista de espécies para toda a RDB, destacando-se os registros notáveis. As informações coletadas poderão auxiliar na criação de propostas para a conservação e recuperação da bacia.

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CHAPTER 1 - HISTORY OF THE ORNITHOLOGICAL EXPLORATION OF THE RIO DOCE BASIN

INTRODUCTION

The Rio Doce is one of the most important rivers from Southeast Brazil, stretching across two biodiversity hotpots, the Cerrado savannas, along its headwaters, and the Atlantic Forest, along its main course (Myers et al. 2000). The Rio Doce Basin (RDB) was until less than two centuries ago mostly covered by pristine continuous forests, as reported by the 19th century naturalists and explorers (e.g. Wied-Neuwied 1942, Freireyss 1906, Saint-Hilaire 1974). Steains (1888), for example, after eight months of exploration, described the region as lying "in the grand virgin forests that clothe with unsurpassed magnificence well-nigh the whole of the land watered by the Rio Doce and its numerous tributaries. On both sides of the river throughout the greater portion of its course these beautiful forests, teeming with a hundred varieties of the choicest timber, crowd closely down to the water's edge, forming an almost impenetrable wall of the most gloriously wild tropical vegetation that can be imagined. The immense tracts of virgin forest stretching away on the north side of the Rio Doce are to this day all but untouched by the hand of civilized man, and hence it is their gloomy recesses afford a safe retreat for numerous tribes of Botocudo Indians, who wander about in the same state of primitive barbarity as that in which their forefathers reveled at the time Brazil was discovered, well-nigh four centuries ago".

Unfortunately, this idyllic landscape no more exists. Since Portuguese arrived in America, the Atlantic Forest, because of its location along the coast, was the first Brazilian biogeographic province to be conquered and explored more than five centuries ago (Dean 1995). Natural environments were gradually replaced by anthropogenic ones, especially by pastures, crops, silviculture, mining, and urban areas, resulting in an exceptional loss of habitat. The land use changed so dramatically, that present-day inhabitants of the Rio Doce valley will hardly believe that the region poetically described by Steains (1888) is the very same where they live. This is because the landscape gradually changed over a time span of several decades, and so people cannot realize how dramatic this change was. This

phenomenon, named landscape amnesia, explains why “people may fail to notice a developing problem, until it is too late” (Diamond 2005). Consequently, this environmental tragedy has been largely overlooked by Brazilian society and policy makers (Fonseca 1985, Coelho 2011), even though it happened in a short time from an ecological perspective (see Appendix A).

To make things worse, a more dramatic disaster occurred in the RDB on 5 November 2015, quickly getting the news and gaining worldwide publicity. The collapse of a mining dam in the county of Bento Rodrigues, in the headwaters of the Rio Doce, unleashed a sludge tsunami that traveled more than 600 km downstream, dramatically impacting the environment and its associated biota (Escobar 2015, Jacobi & Cibim 2015). The sludge reached the Atlantic Ocean in about fifteen days, expanding the environmental impacts to estuarine and coastal ecosystems, extending hundreds of kilometers into the sea (Neves et al. 2016, Marta-Almeida et al. 2016). Governmental reports show that several conservation unities within the basin were directly or indirectly affected by the sludge tsunami (ICMBio 2016). Three years have passed ever since and the Rio Doce waters still present high levels of turbidity and high concentration of suspended solids (Fundação Renova 2018), toxic compounds and heavy metals, including arsenic, aluminum, manganese, and lead, which are toxic and bioaccumulative (Carvalho et al. 2017, Carvalho et al. 2018). The rupture of the mining dam in Bento Rodrigues was considered the worst environmental disaster in Brazilian history, with huge historical, social, economic, and ecological impacts (Escobar 2015, Jacobi & Cibim 2015, Neves et al. 2016).

The ecological consequences of those two tragedies upon the RDB biota, either together or alone, are difficult to understand, because there is no baseline study about how the original biota of the RDB was, or how it responded to the dramatic change in land use during the last two centuries. Therefore, a baseline biodiversity assessment that documents changes in biological communities throughout the last two centuries in the RDB is badly needed if we want to disentangle the impacts of land use change from those caused by the collapse of the mining dam. Birds are the likely choice for this baseline assessment, first because they are the best-studied group of vertebrates within the basin, possibly the only one with an adequate amount of historical data available. Second, birds have been subject to much attention by citizen-science networks (Bela et al. 2016, Turnhout et al. 2016), which have

produced a large amount of post-disaster data. Third, different birds respond in distinctive ways to changes in the environment where they live, what makes them excellent bioindicators of environmental changes (Stotz et al. 1996).

The main goal of this dissertation is to construct a biodiversity baseline for the RDB, using birds as model group. In the first chapter we present a detailed characterization of the RDB and reconstructed the history of its ornithological exploration over the last two centuries. We covered a time period from the first expeditions conducted by early 19th century naturalists to the striking expansion of modern citizen-science networks during the second decade of the 21st century. In the second chapter we produced a database with more than 80,000 bird records for the RDB, which is presented in the form of an annotated checklist. This dissertation is the first of a series of studies that will deal with the RDB avifauna, which harbor a huge, but unknown, number of threatened species that will likely become globally or locally extinct in a near future. Our hope is that our studies, after the recent disaster in Bento Rodrigues, which caused much international commotion and concern, will help to catalyze the implementation of urgent restoration, management, and conservation measures before it is too late.

METHODS

Study area

The study area was defined as the entire RDB (Figure 1), which covers the eastern part of the state of Minas Gerais and the northern part of the state of Espírito Santo, southeastern Brazil (~17°45'–21°15'S, 39°30'–43°45'W). The Rio Doce headwaters rise in the Mantiqueira and in the Espinhaço Ranges in Minas Gerais, flowing about 850 km to its mouth, in the coast of Espirito Santo (Coelho 2007). We also include in our study area the minor independent hydrographic basin of the Rio Barra Seca (hereafter BSB), which drains part of the northern coast of Espírito Santo. Four main reasons led us to opt for including it in our study area. First, unbroken forests with similar flora and fauna were the original vegetation type that dominated the landscape of the entire BSB and the lower course of the RDB, without any evident landmark barrier isolating them (Aguirre 1951, Egler 1951). Second, the large wave-influenced delta of the Rio Doce was highly dynamic during the Late

Pleistocene–Holocene, with a northernmost paleochannel extending more than 30 km northward of the present-day mouth of Rio Doce, closely approaching the present-day mouth of Rio Barra Seca (Rossetti et al. 2015). Third, the National System of Management of Water Resources ("Sistema Nacional de Gerenciamento de Recursos Hídricos") officially included the BSB in one of the planning units of the Rio Doce Hydrographic Basin Committee (Decree No. 3792-R from 20 March 2015, published in the "Diário Oficial do Espírito Santo"); Fourth, some historical specimens collected within the BSB were inadvertently labelled or, if properly labelled, were incorrectly cited in the literature as obtained in the "Rio Doce" (Aguirre & Aldrighi 1983, Sick 1997, MNRJ 2018). Therefore, it is impossible to known if several records for the "Rio Doce" region were really obtained within the limits of the RDB or within the BSB. Therefore, from now on, we will consider throughout this study the BSB as part of the RDB. By this broad definition, the RDB embraces a total of 229 municipalities, 203 of them in Minas Gerais and 26 in Espírito Santo (PIRH Doce 2010).

Figure 1 - Map of the Rio Doce Hydrographic basin. Source: Agência Nacional das Águas.

The RDB encompasses elevations from sea level to 2,892 m (Figure 2) in the Serra do Caparaó, where is located the Pico da Bandeira, one of the highest Brazilian peaks (Vasconcelos 2003, Coelho 2007). Therefore, several types of climates are found in the RDB (Nimer 1989). Annual mean temperature shows an increasing gradient from the Rio Doce headwaters (~18°C, reaching 15°C in the highest mountains) through its mouth (24°C) (Figure 2). Temperature shows a strong negative correlation with elevation, with minimum temperature frequently dropping below 0°C in the highlands of Serra do Caparaó. An inverse gradient of rainfall is observed, with an annual precipitation above 1500–1700 mm in the highlands of upper Rio Doce and of only 1000–1100 mm in the mouth of Rio Doce and in the northern portion of the basin (Figure 2). Nevertheless, seasonality in the upper Rio Doce is more marked (Figure 2), with a dry period of five to four months, while the dry season in the mouth of Rio Doce is of only one month (Nimer 1989, Coelho 2007).

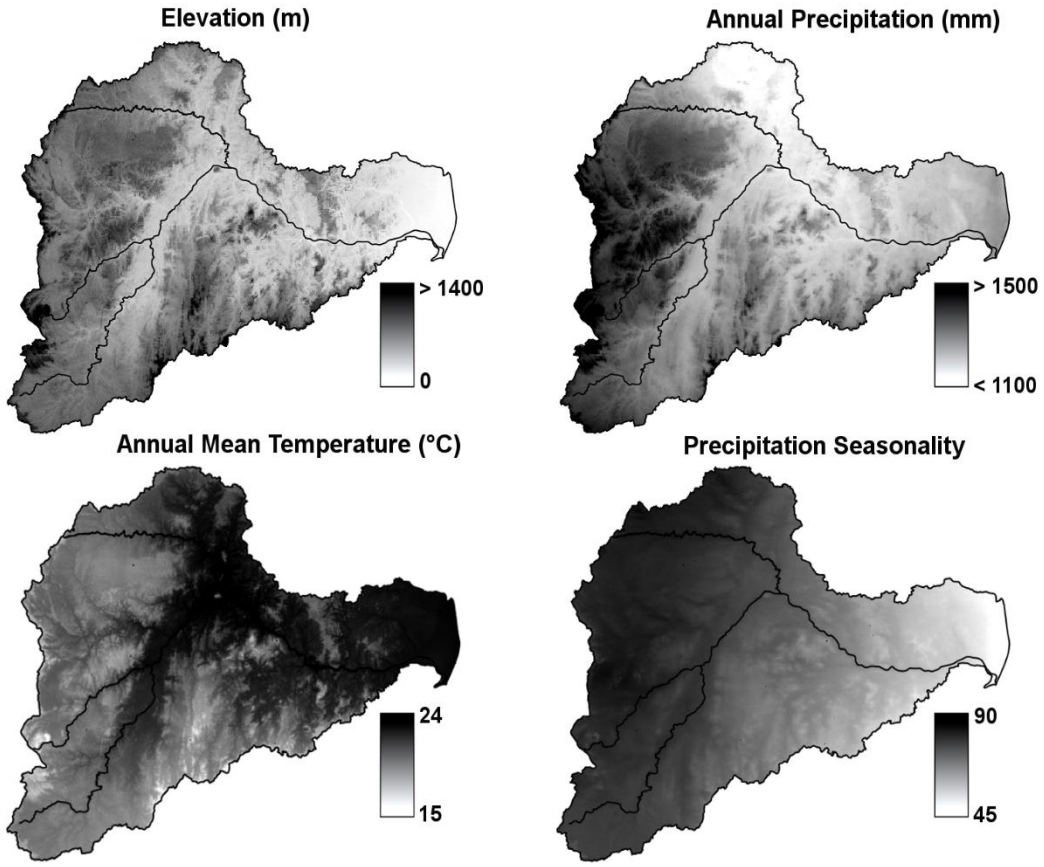

Figure 2. Elevation and year average of three bioclimatic variables for the Rio Doce Basin. Elevation data are from a Digital Elevation Model (Global Multi-resolution Terrain Elevation Data 2010) developed by the United States Geological Survey and the National Geospatial-Intelligence Agency downloaded at a 30 sec resolution (https://earthexplorer.usgs.gov). Annual precipitation, annual mean temperature and precipitation seasonality (expressed as the coefficient of variation of monthly precipitation) are for 1970–2000 and were downloaded from WordlClim, version 2 (http://worldclim.org) at a 30 sec resolution (Fick & Hijmans 2017).

According to the Köppen's Climate Classification System, the RDB climate (Figure 3) can be classified into seven types (Coelho 2007, Alvares et al. 2013):

1. Tropical monsoon (Am): this climate is restricted to a narrow belt along the coast, in the mouth of Rio Doce and Rio Barra Seca.

2. Tropical with dry winter (Aw): this climate is found in lowlands along the middle and lower Rio Doce, next to the coast. This climate is mostly restricted to areas below 500 m in Espírito Santo and along its border with Minas Gerais.

3. Humid subtropical without dry season and with hot summer (Cfa): this climate is found in the foothills of mountains in Espírito Santo and Minas Gerais.

4. Humid subtropical without dry season and with temperate summer (Cfb): this climate is found in the mountains of Espírito Santos and its border with Minas Gerais.

5. Humid subtropical with dry winter and hot summer (Cwa): this climate is found along the foothills (500 and 800m) of the Espinhaço and Mantiqueira Ranges.

6. Humid subtropical with dry winter and temperate summer (Cwb): this is the predominant climate in the mountainous areas in the headwaters of the Rio Doce and its upper course tributaries along the Mantiqueira and Espinhaço Ranges (above 800–900 m) in Minas Gerais. It is also found in mountainous areas in Espírito Santo.

7. Humid subtropical with dry winter and short and cool summer (Cwc): this climate is restricted to narrow area in the higher portion of the Serra do Caparaó and does not appear on Fig. 3.

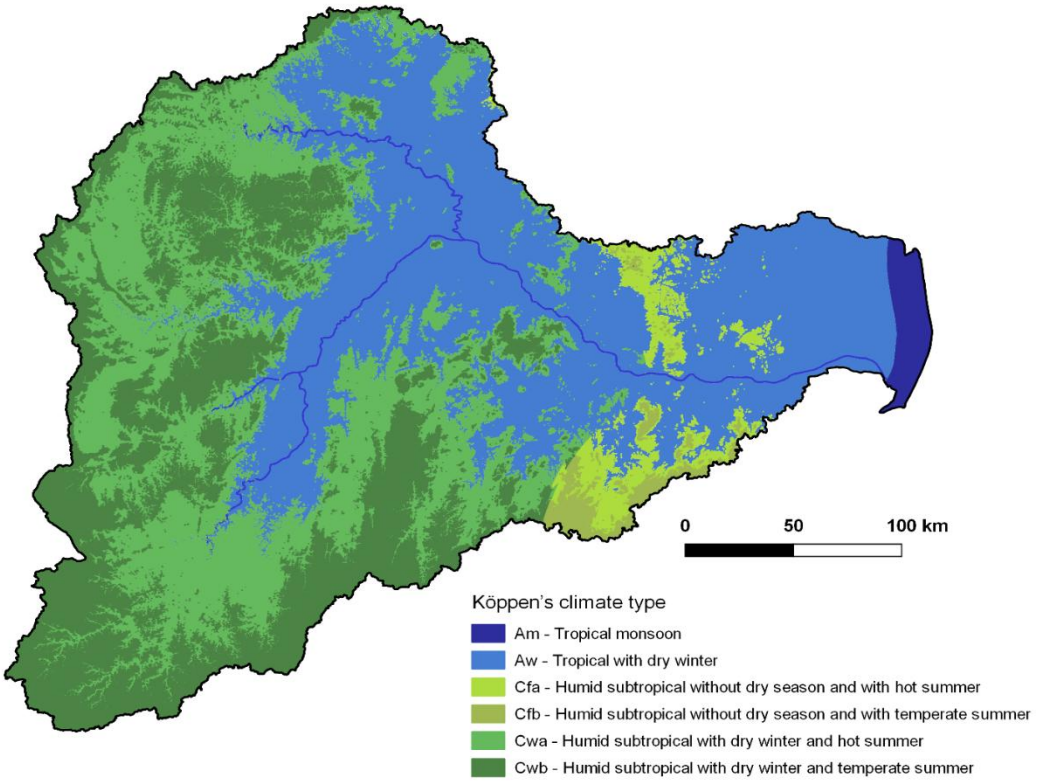

Figure 3. Climate classification of the Rio Doce Basin according to the Köppen's Climate Classification System. Source: Alvares et al. (2013).

The RDB lies almost completely within the Atlantic Forest biogeographic province, once a luxuriant tropical forest that ranged from coastal northeastern to southern Brazil, with small extensions in eastern Paraguay and northeastern Argentina (Morellato & Haddad 2000). The Atlantic Forest is a biodiversity hotspot, holding one of the largest levels of plant and vertebrate endemism in South America (Myers et al. 2000). Today only about 11.4% of the original forest remains, usually consisting of small (< 50 ha) and isolated fragments scattered through an anthropogenic landscape (Ribeiro et al. 2009). The headwaters of some tributaries of the upper RDB are located in the Cerrado biogeographic province, which is the largest, richest and most threatened tropical savannah in the World (Silva & Bates 2002, Klink & Machado 2005). The Cerrado is also a biodiversity hotspot (Myers et al. 2000), with only 54% of its original vegetation remaining (Ministério do Meio Ambiente 2015).

The RDB was originally covered by continuous tropical broadleaf forests throughout most of its extent. Two main tropical forest types can be identified:

seasonal semi-deciduous forests ("floresta estacional semidecidual") in higher and medium elevations, and evergreen rain forests ("floresta ombrófila densa" and, to a lesser extent, “floresta ombrófila aberta”) in the lowlands, especially in the Espírito Santo (IBGE 2004). Many tree species associated with lowland evergreen rain forest expand their distribution toward the middle Rio Doce valley, reaching areas of markedly seasonal climates in Minas Gerais. Therefore, areas of semi-deciduous forests in the RDB show strong floristic links with the rain forests of Espírito Santo and southern Bahia (Oliveira-Filho & Fontes 2000, Saiter et al. 2016). Along the deposits of Quaternary sediments of the Rio Doce delta, the beach ridges, dunes, and sandy terraces are covered by a distinctive type of vegetation, the “restinga”. This sandy ecosystem includes several subtypes of open to semi-open vegetation, ranging from pure herbaceous to dense low woody scrub (IBGE 2012, Garbin et al. 2017).

Comparatively smaller areas of grasslands occur in the RDB, generally restricted to mountainous areas of steep terrain, where access is difficult, and the rocky soils are not suitable for agriculture and cattle raising. In the middle Rio Doce valley, within the Atlantic Forest domain, a distinctive type of cool-humid, high altitude grassland are found above 1,500 m, the Brazilian Páramos, or “campos de altitude” (Safford 1999, Alves & Kolbek 2010, Vasconcelos 2011). Other types of grasslands are also found in the higher altitudes along the headwaters of the upper Rio Doce tributaries, usually above 1,000 m. These grasslands are usually included in the Cerrado domain (but see Vasconcelos 2011) and are of three types: campo limpo” (pure grasslands), “campo sujo” (shrub grasslands), and “campos rupestres” (rocky grasslands) (Ribeiro & Walter 2008). Some small and disjunct areas of campos rupestres are also found in isolated peaks along the middle Rio Doce (Lopes et al. 2016).

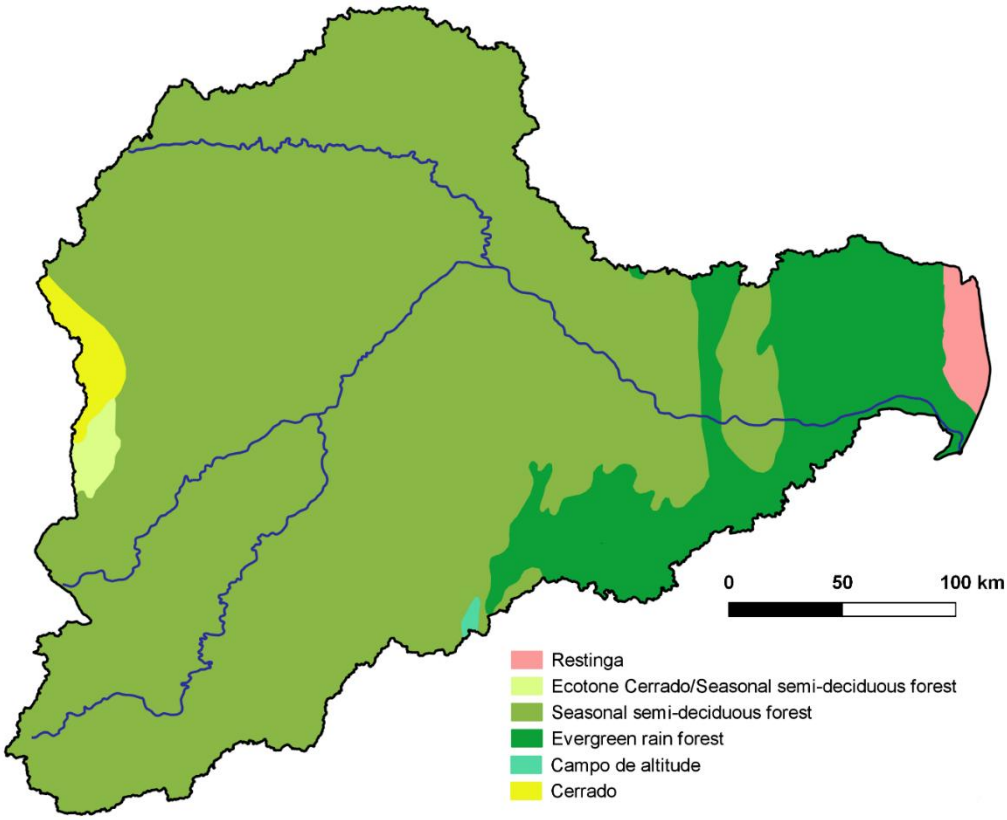

Figure 4. Vegetation map of the Rio Doce Basin. Source: IBGE (2004).

A dramatic change in land use occurred in the study area during the last two centuries, with most of the original forests being logged to produce charcoal for supplying ironworks or to clear land for pastures and eucalyptus plantations (Strauch 1955, Fonseca 1985). Pristine forests are now extremely rare and restricted to areas where the forest have been protected before logging, or restricted to high and isolated areas where the steep relief precluded forest clearing (Ribeiro et al. 2009, Tabarelli et al. 2010). Consequently, the RDB is located in one of the most fragmented areas of the Atlantic Forest (Fonseca 1985). Within the RDB there are about 106 conservations units: 82 of sustainable use, 2 indigenous lands, 3 areas of special protection, and 19 areas of integral protection (PIRH Doce 2010). The largest conservation units of integral protection are the Rio Doce State Park (35,970 ha), but the Vale Natural Reserve (23,000 ha) and the adjacent Biological Reserve of Sooretama (22,500 ha) are, together, the largest fragment of Atlantic Forest within the RDB. Other comparatively large and well-sampled conservation units within the RDB are the Caparaó National Park (31,800 ha), the Brigadeiro State Park (14,984 ha), and the RPPN Serra do Caraça (10,187 ha).

Reconstruction of the history of human occupation of the RDB

The first step before attempting to reconstruct the history of scientific exploration of the RDB was to reconstruct its history of human occupation. This brief reconstruction was based on several sources (Strauch 1955, Coelho 2007, 2009, Coelho 2011, Espindola 2015) and will support our interpretation of the data gathered in chapter 2.

Reconstruction of the history of ornithological exploration of the RDB

In this paper we present an overview of the activities conducted by the main naturalists and ornithologists who visited the RDB, summarizing the main localities visited by them and the collections obtained, also citing the institutions that currently house those collections. The history of ornithological exploration of the RDB was compiled after an extensive bibliography review, which used as starting point several compilations about the history and itinerary of some of the major scientific expeditions ever conducted in Brazil (Papavero 1971, Pinto 1945, 1952, 1979, Paynter & Traylor 1991, Vanzolini 1992, 1996, 2004, Sick 1997, Andrade & Andrade 1999, Vasconcelos & Pacheco 2012), also consulting several other papers for details about less known collectors and expeditions.

We supplemented our literature review with data recovered from labels of museum specimens and collection catalogues, such as Pinto (1938, 1944) for the MZUSP, and Miranda-Ribeiro (1928) and Ruschi (1951) for the MNRJ (see Appendix B for acronyms). We also contacted the curators and collection managers of several museums in search for additional information.

We focused our research efforts in the explorers that visited the RDB before the 1980's, citing only briefly those later explorers, because: 1) the number of researchers in the RDB increased exponentially during the last decades, and 2) information about them are readily accessible in published papers and books. All institutions that contained data for the study area are presented in Appendix B. A gazetteer of the localities visited is presented in the Appendix C.

RESULTS AND DISCUSSION

Brief history of human occupation of the RDB

Contrary to what could be expected, occupation of the RDB by Europeans began not from the coast, but from its upper course, in the highlands of the Espinhaço Range. With the discovery of rich mines in Minas Gerais, it became more interesting for colonizers to travel inland (Strauch 1955, Fonseca 1985, Rafael Straforini 2006, Lamim-Guedes 2010). The first European incursions into the interior of Brazil were conducted through trails previously opened by indigenous people. When the economic Gold Cycle began, the government's main concern was with its deviation and thus, only official roads could be used at that time. These routes connected the mines in Ouro Preto (MG), upper RDB, to São Paulo (SP) and the metropolis in Rio de Janeiro (RJ), and together they were named "Estrada Real" (Royal Road) (Costa 2009, Espindola & Wendling 2008). For a long time, this was the only official road linking the inland mines to the coast, while the rest of the basin remained isolated.

Consequently, the pristine forests of the RDB remained untouched by Europeans during the first 300 years of Portuguese colonization. Those unbroken forests were designated as a "forbidden area" by the Portuguese Crown, as they feared both the diversion of gold and the invasion from other nations. Other factors also contributed to delay the colonization of forested portion of the RDB, including 1) the conflicts with indigenous tribes (especially the "Botocudos") that lived there; 2) malaria and other tropical diseases, which were very common in the region at that time; 3) the difficulty of navigating the Rio Doce, with its rapids, falls, and sandbanks (Saint-Hilaire 1974); and 4) the impenetrability of the Atlantic Forest (Coelho 2011, Espindola 2015). This scenario, however, did not remained for long.

By the end of the 18th century, the alluvial of gold and diamonds were almost completely exhausted and Minas Gerais entered a state of economic stagnation (Saint-Hilaire 1974, Coelho 2011). Concomitantly, the opening of the Brazilian ports in 1808, also opened access to previously forbidden areas that were officially incorporated to the colonial territory and received governmental incentives to be explored (Espindola 2015, Santos et al. 2016). Thus, as alternatives to raise the economy, the vast unoccupied forested areas of the middle RDB starts to turn into

coffee and sugar plantations. Furthermore, agriculture and its consequent deforestation were boosted with the technification of transport systems, when the Leopoldina Railroad arrived in 1861. A migratory flow occured from the mining zones (upper RDB) toward the middle RDB, as the agriculture and livestock production increased (Fonseca 1985, Coelho 2011).

Simultaneously, another occupation movement begins, from the coast inland, in the lower RDB (Strauch 1955). Several colonial villages were established around the municipalities of Colatina and Linhares, in Espírito Santo, in an attempt to find riches in the region that had been so well spoken by traveling naturalists (Espindola 2015). This expansion was propelled at the beginning of the 20th century, with the construction of the former Vitória-Diamantina Railroad (today the Vitória-Minas railroad), initiated in 1902, marking the beginning of the logging cycle. Bordering the Rio Doce, this railroad aimed to increase the economy by exporting iron ore and expanding the logging activity in the lower and middle RDB. Thus, from 1902 to 1936, forests in eastern Minas Gerais and northern Espírito Santo were rapidly devastated and exploited for commercial use (Coelho 2011, Carvalho & Matos 2016, Lobo et al. 2016).

The logging cycle lasted from 1900 to 1960 (Carvalho & Matos 2016). Concomitantly, several steel and metallurgy industries were established in the middle and lower RDB (Coelho 2011), attracting immigrants and increasing the population of several minor cities that became regional centers in short time, such as Governador Valadares (MG) and Colatina (ES) (Lobo et al. 2016). The arrival of the railroad in Itabira (MG) stimulated the industrialization process in the city and its surroundings, rich in natural resources, creating favorable conditions for the implementation of the “Vale do Aço” (Steel Valley) (Coelho 2009). This whole industrialization process was responsible for a great loss of the RDB forests, and in an attempt to lighten the resources usage by the industries, the *Eucalyptus* plantation was introduced in the middle and lower RDB (Coelho 2009, Carvalho & Matos 2016).

Urban expansion and economic activity resulting from the exploitation of natural resources continued until the 1960’s, when a structural crisis reached the RDB. Vegetation cover was drastically reduced. Fonseca (1985), for example, estimates that the Atlantic Forest in the middle RDB had already declined to 3% of

its original cover by 1955. The soils were degraded because of erosions and various physical and chemical changes. Both surface and groundwater were contaminated, resulting from extractive exploitation (Coelho 2009, Espindola 2015).

Currently, the economy on the RDB is predominantly based on agriculture, livestock and silviculture, with also a strong industrial activity (cellulose and steel) and mineral exploration (Coelho 2009, PIRH Doce 2010). In Brazil, there is a predominance of extensive, low-tech cattle breeding, which has been applied since the colonial era. However, investments in the use of technologies are low and makes it devoid of infrastructure, unproductive and extremely harmful to the environment (Dias Filho 2014, Carvalho, Zen, et al. 2017). Likewise, *Eucalyptus* silviculture was introduced in the 1940s in order to supply the cellulose and steel industries due to deforestation and the consequent wood shortages, thus occupying enormous areas and causing huge environmental impacts (Coelho 2009).

The pattern of human occupation in the RDB resulted in a region with great social contrasts. Only 6% of the municipalities have elevated rates of urbanization, most of them located at the Steel Valley metropolitan region, in the middle RDB (Coelho 2009). The Steel Valley is the second more important region in industrial production of Minas Gerais, because this is where great nationally powerful companies are concentrated, such as Vale, Usiminas, ArcelorMittal, Cenibra, among others. Although it makes that region one of the most dynamic steel complexes in Latin America, it also gives an erroneous idea of the economic reality at the entire. Half the population are concentrated in cities with more than 50.000 inhabitants, while the rest is spread over very small cities of low social development RDB (Coelho 2009, Coelho 2011). In the rural zone, desertification levels are high, and the Rio Doce is extremely polluted duo to industrial and domestic tailing disposal (Coelho 2011). Human occupation along the RDB, except for the mining zones, was late when compared to other regions in Brazil. Nevertheless, it occurred just when Brazilian economy was changing its paradigms for exploitation, so the existing forest in the region was suppressed in a very short period.

History of ornithological exploration

Portugal had no particular scientific interest on natural history during the first 300 years of its colony and, consequently, no information about the RDB avifauna is

available prior to the 1800's. This scenario dramatically changed after the transfer of the Portuguese royal family and its court to Brazil, some few days before the Napoleonic army invaded Lisbon on December 1807 (Fausto 2001). This strategic retreat brought immediate changes to Brazilian politics, and one of the most important changes from the scientific point of view was the opening of the Brazilian ports to the friendly nations on January 1808 (Vanzolini 2004). This permitted foreigners to travel into the interior of the Portuguese colony, what caused a tremendous influx of European naturalists to Brazil, eager to explore its rich, but still little known, biodiversity (Pinto 1979, Vanzolini 2004).

Unfortunately, ornithological results of the prodigious efforts of those early 19th century naturalists that explored the RDB, with few remarkable exceptions (e.g. zu Wied-Neuwied), were unsatisfactory and often difficult to appreciate. We could recover little information about the birds collected by the majority of these naturalists because: first, it was common to collect all kinds of materials (e.g. zoological, botanical, mineralogical, and ethnographic), what prompted them to collect only what called their immediate attention. Second, the quality of the information associated with the specimen was often poor, and with specimen's labels indicating only "Brazil" or "South America". Third, even though some collectors recorded good quality information about the specimens they collected, this information was not transcribed into the specimen's labels, appearing only in the collectors' diaries, which were often lost or, if still extant, are difficult to access or interpret. Fourth, even if the specimens were properly labelled, they were frequently victimized by ill-prepared museum curators that removed or replaced the labels for simpler ones, before exhibiting the collection. Finally, most of those early collections were never studied by their collectors and were frequently sold or exchanged before any other ornithologist had the opportunity to study them.

Nevertheless, despite our difficult in recovering information about the collections amassed by those early explorers, not everything is lost. Important data can probably be recovered after a thorough analysis of specimens in European museums, especially if crossed with informantion from traveling diaries, field notes, and letters written by those explorers. A synthetic list of the most important naturalists and collectors that visited the RDB is presented below.

Georg Wilhelm Freyreiss (1789–1825) was a German naturalist that can be considered as the first explorer to study the birds of the RBD in 1814. He came to Brazil invited by the General Consul of Russia in Brazil, Grigory Heinrich von Langsdorff (1774–1852). Langsdorff is a well-known naturalist and explorer that greatly promoted Brazilian science by inviting several important foreign naturalists that visited Brazil in the early 19th century. He welcomed them at his property, Fazenda da Mandioca, located in the present-day municipality of Magé, state of Rio de Janeiro, where he gathered information in a large library and a natural history collection (Pinto 1979, Silva 1997, Sick 1997).

Freyreiss came to assist Langsdorff in the collection and preparation of specimens. During his first trip, headed by the German geologist and engineer Baron Wilhelm Ludwig von Eschwege (1777–1855), Freyreiss explored Ouro Preto, Mariana, Guaraciaba, Viçosa and Visconde do Rio Branco, in the upper Rio Doce, where he collected "objects of natural history". Later, he visited the lower RDB in a joint expedition with Wied and Sellow, as cited bellow (Freireyss 1906, Papavero 1971, Pinto 1952, Pinto 1979, Moraes et al. 2014). Unfortunately, almost nothing is known about these specimens.

Pinto (1979) stated that Freyreiss' specimens were sent to the MNRJ, ZMB and NRM. We did not locate these specimens in the MNRJ collection, nor found any mention to them in historical documents of the collection (Miranda-Ribeiro 1928). According to Papavero (1971), Freyreiss sent three shipments containing natural history objects from his trip through Espírito Santo and Bahia to the ZMB. However, as stated by its collection manager, part of Freyreiss' collections were lost or destroyed during the World War II, and most of the remaining specimens are from Bahia or do not have accurate information (most of them have "Brazil" or "South America" as locations). Also, many of those specimens have not been digitalized yet, and can be still somewhere in the drawers of the museum (Pascal Eckhoff pers. comm). Likewise, in the NRM, some of the Freyreiss' specimens are still present, but they were sent to the museum via Lorentz Westin (1787–1846), then Swedish consul in Rio de Janeiro, and might be registered under his name (Erik Ahlander & Ulf Johansson pers. comm). From 1815 to 1820, Westin gathered a great ornithological collection by purchasing specimens or hiring professional collectors, Freyreiss included here (Mallet-Rrodrigues 2012; Erik Ahlander & Ulf Johansson pers. comm).

Westin's collection contains about 250 specimens that were donated to the NRM and, thus, it is hard to known which birds were collected by Freyreiss. Part of Westin's collection was also sent to the UUZM and MZLU (Erik Ahlander & Ulf Johansson pers. comm), but we were not able to trace them.

Maximilian Alexander Phillip, Prinz zu Wied-Neuwied (1782–1867) was a German prince who arrived in Brazil in 1815 and traveled from Rio de Janeiro to Bahia along the coast. He was accompanied by Freyreiss and Friedrich Sellow (see below), both of whom he met through Langsdorff. Together, they were the first naturalists to visit the coast of Espírito Santo (Wied-Neuwied 1942, Papavero 1971, Pinto 1979, Sick 1997). Wied-Neuwied's itinerary was studied by Bokermann (1957) and was latter updated by Vanzolini (1992). He reached the lower RDB in December 1815, and for a few days he visited Comboios, Regência (at the mouth of the Rio Doce), Linhares, Lagoa Juparanã and the BSB, always near the coast (Bokermann 1957).

Back to Europe, Wied-Neuwied published several volumes containing reports of the observations conducted during his trips in eastern Brazil, as well as detailed studies of the specimens collected, with the first valid descriptions of several birds he has obtained (zu Wied-Neuwied 1821, 1830, 1831, 1850). It was very common at that time for naturalists to trade information and even specimens, which were often published independently. Thus, although Wied-Neuwied described a great number of species, many of them should be attributed to others, since the attribution is given by priority (Vanzolini 2004). In his works, Wied-Neuwied described 458 birds, most of them from the Atlantic Forest, 125 as new ones; currently, 58 species are still valid and at least 15 are from the lower RDB (Pacheco & Bauer 2001, Vanzolini 2004). For a complete list of species described by him, see Nomura (2012). The ornithological specimens collected by Wied-Neuwied stayed in his private collection for a long time. A large part of it was acquired by the AMNH in 1870, and his types were reviewed by Allen (1889, 1891). Some bird specimens were sent to the MWNH during Wied-Neuwied's lifetime (Hoffmann & Geller-Grimm 2013) and, also, we recently found that some few specimens are in the RMNH and the USNM.

Friedrich Sellow (1789–1831) was a German naturalist who arrived in Brazil in 1814, also invited by Langsdorff. His journey through the RDB started when he undertook the above cited joint expedition. He and Freyreiss left Wied in November

1815 and remained in Vitória, capital of Espírito Santo, where they collected for six months. In June 1816 they left and crossed the lower Rio Doce towards the Rio Mucuri, in the state of Bahia. Although Sellow visited several sites in the RDB region during this expedition, including Linhares, Lagoa Juparanã, and Regência, there is no record of any ornithological collection made neither by him nor Freyreiss (Papavero 1971, Pinto 1979, Sick 1997, Pacheco & Whitney 2001, Hackethal & Tillack 2016, Garbino & Nogueira 2017). In fact, Moraes et al. (2016), comparing Wied's journal and the labels of his collection, assumed that he might have received specimens of plants collected by Sellow or Freyreiss in Espírito Santo that he later labeled as his own; it is valid to assume that it might have occurred with ornithological specimens as well.

Over the next two years, Sellow stayed and collected in Bahia. In October 1817, he had sent to the ZMB the first shipment on his name, containing 600 birds prepared, some of them probably collected in Espírito Santo (Pinto 1979, Pacheco & Whitney 2001). In 1818, Sellow returned to Rio de Janeiro, where he meets the German naturalist Ignaz Franz Werner Maria von Olfers (1793-1871), who offered to sponsor a scientific expedition to Minas Gerais and São Paulo. Together, they left in August 1818 and visited Ouro Branco, Ouro Preto, Itambé do Mato Dentro, Itabira and its sorroundings, including Serra do Itacolomi and Serra do Caraça, in the upper RDB. While Olfers collected invertebrates and geological samples, Sellow was in charge of collecting plants, mammals and birds (Papavero 1971, Pinto 1979). A collection with 873 bird specimens were then sent to the ZMB (Pinto 1952), including some of the types described by Lichtenstein (1823) years later (Papavero 1971, Pinto 1979, Rego et al. 2013, Lopes & Gonzaga 2016). According to Papavero (1971), some specimens from the latter expedition were also sent to the NHMW.

From 1821 onward, Sellow made several trips alone or accompanied by Olfers, collecting around 2,000 bird specimens (Pinto 1979, Pacheco & Whitney 2001). Papavero (1971) summarized an itinerary of his journeys through Brazil and Uruguay, and it was last updated by Garbino & Nogueira (2017). Sellow's last expedition was from São Paulo to Minas Gerais and took place in 1830. He traveled through the upper RDB, visiting Ouro Preto, Serra do Caraça, Serra de Itabira, Barão de Cocais, and Antônio Dias, where he followed the Rio Piracicaba to its confluence with the Rio Doce. His journey ended in October 1831, when he drowned in the Rio Doce.

The collections made by Sellow between São Paulo and Ouro Preto were sent to Lichtenstein at the ZMB in 1831. His scientific instruments and personal notes (including extensive notes of his journeys, never published), were sent to Rio de Janeiro and delivered to Olfers (Papavero 1971, Pinto 1979, Rego et al. 2013, Hackethal & Tillack 2016).

Some believed that Friedrich Sellow's death was a case of suicide, since he had written his last will while staying in Ouro Preto. In his last will, Sellow thanked his mentor, Alexander von Humboldt, as well as his great friend and fellow traveler, Olfers (Papavero 1971, Hackethal & Tillack 2016). It was Sellow's wish that his notes, drawings, maps, books, instruments, and scientific collections should be sent to Olfers, who would decide how to proceed. This became later a problem, because the remaining zoological specimens were labelled under Olfer's name, but not necessarily being collected by him (Hackethal & Tillack 2016).

Sellow collected in Brazil for about 17 years (1814-1831). Most of his collections were sent to the ZMB in about 15 shipments consisting of 5,457 bird specimens (526 lost in a shipwreck), in addition to nests, eggs, and skeletons. Many duplicates were sent to the MUHNAC, and Papavero (1971) attests that several collections were sent by Sellow to the MNRJ, but we could not trace the fate of these specimens (Papavero 1971, Pinto 1979, Pacheco & Whitney 2001).

Many botanists testified the competence and care that Sellow put in labeling the specimens. Nevertheless, despite his prodigious effort, a huge part of the collection sent to the ZMB was lost due to negligence. Lichtenstein, then director of the museum, sold or permuted most of the ornithological material and, in 1854, from the 4,931 bird specimens received, there were only 1,634 specimens. Among these were those used as types of species described by Lichtenstein himself, and by other ornithologists, such as Temminck, Wagler, and von Pelzeln. Unfortunately, Lichtenstein had replaced the original labels – containing data such as locality and date of record – by new ones with widely generalized descriptions prior to exhibit the newly acquired collection. Thus, although Sellow's collections may be one of the most important in the history of Brazilian ornithology, most of his original information and findings were lost (Pinto 1979, Sick 1997, Pacheco & Whitney 2001, Hackethal & Tillack 2016).

Augustin François César Prouvençal

Augustin François César Prouvençal de Saint-Hilaire (1779–1853) was a French botanist who made some expeditions through the Rio Doce Basin, collecting both botanical and zoological specimens. He arrived in Brazil in 1816, invited by the French ambassador, the Duke of Luxembourg. Saint-Hilaire explored the upper and middle Rio Doce from December 1816 to early-1818, partly accompanied by Langsdorff, visiting Conselheiro Lafaiete, Ouro Branco, Ouro Preto, Mariana, Bento Rodrigues, and Serra do Caraça. Here, Langsdorff went back to Rio de Janeiro and Saint-Hilaire proceeded the trip, visiting Itabira, Itambé do Mato Dentro, Morro do Pilar, Conceição do Mato dentro, Serro, and Peçanha, on the banks of the Rio Suaçui (Papavero 1971, Pinto 1952, Pinto 1979, Saint-Hilaire 1975). On a subsequent expedition, in October 1818, Saint-Hilaire reached the mouth of Rio Doce at its lower portion, traveling up the river and visiting Regência, Lagoa Juparanã and other areas in Linhares (Papavero 1971, Saint-Hilaire 1974).

The zoological specimens collected by Saint-Hilaire on both expeditions included some 200 birds and mammals, which were sent to the MNHN. Part of the collections from the lower RDB, however, were left with Mr Maller, then General Consul of France in Rio (Papavero 1971). Although his collections are considerable in numbers, they do not have much place in history because he was careless to specify the locality and data on the labels (Pinto 1979, Vanzolini 2004). On the other hand, Saint-Hilaire presented, on his books, a good description of the pristine forests and other vegetation types found in the RDB. Detailed information on the primitive vegetation of Minas Gerais can also be found on his works (Saint-Hilaire 1974, 1975, 2011).

Johann Baptiste Ritter von Spix (1781–1826) was a German zoologist who travelled through much of eastern and northern Brazil together with the famous botanist Karl Friedrich Phillipp von Martius (1794-1868). They arrived in Rio de Janeiro in July 1817, accompanying the Austrian archduchess, Maria Leopoldina, who came to marry the regent prince, Don Pedro de Alcantara. Together, these two naturalists traveled through the upper RDB in 1818 and had the opportunity to explore Ouro Preto and Mariana, also visiting neighboring uplands such as Pico do Itacolomi and Serra do Caraça, and Visconde do Rio Branco, Itabira, and Serro (Papavero 1971, Spix & Martius 1976, Pinto 1952, Pinto 1979, Vanzolini 1981, Fittkau 2001, Vanzolini 2004). A complete itinerary can be found in Vanzolini (1981).

Back to Europe, Spix and Martius published a thorough description of their journey, originally published in three volumes and an atlas (Spix & Martius 1823, 1828, 1831). Spix returned in poor health conditions and died six years later at the age of 45, possibly from a tropical disease. During this short period, he was still dedicated to his work and presented his ornithological results in a book published in two volumes (Spix 1824, 1825). Hellmayr (1906) made a critical study of his collection, in which he revised the types from Brazil. Further comments on Spix's collections can also be found in Reichholf (1983) and Sick (1983). In his manuscripts, Spix illustrated and described 326 bird species, 237 as new ones; only 67 of those species are considered valid today. Spix only devoted attention to those species he believed to be undescribed at that time, and his early death precluded him to present a greater contribution to the natural history and distribution of Brazilian birds (Pinto 1979, Vanzolini 1981, Sick 1997, Fittkau 2001, Pacheco 2004a, Vanzolini 2004).

Most of his ornithological collection were sent to the ZSM, but because of the bombing during the World War II and the few cares given by the museum some of the material were pretty damaged or lost (Papavero 1971, Pinto 1979, Vanzolini 2004). There might be still some types and/or duplicates deposited at the RMNH, MHN, LMJ and NKMBA, but we could not find any records of Spix's collections in Brazil on their online portals (Fittkau 2001, Roselaar 2003, Vasconcelos & Pacheco 2012).

Jean Moris Édouard Ménétriès (1802–1861) (miscalled Eugène by Pinto 1952, 1979), was a French Zoologist hired by Landsdorff, who planned in 1820 a major expedition to the interior of Brazil, through several places in Minas Gerais, São Paulo and Mato Grosso. The "Langsdorff Expedition" was a unique and memorable expedition, but with limited practical zoological results due to the lack of a zoologist for most part of the trip and, also, because most of the drawings represented species already known, specially birds (Pinto 1979, Vanzolini 2004). Langsdoff's diaries with details of the expedition were translated by Silva (1997).

Together they traveled through the upper RDB from mid-1824 to February 1825, visiting Ouro Preto, Mariana, Serra do Itacolomi, Catas Altas, Ouro Branco, and Conselheiro Lafaiete. Ménétriès then detached from Langsdorff's project and returned to Europe (Papavero 1971, Pinto 1979, Pacheco 2004b). Most of his zoological material was sent to the ZISP along with Langsdorff's collection, while a

minor part went to the MNHM (Papavero 1971, Pacheco 2004b). Back to Europe, Ménétriès published a monograph on the "Myiotherinae", which included species in the present-day families Formicariidae, Thamnophilidae, and Rhinocryptidae. Ménétriès described 39 taxa in his monograph, revised by Chrostowski (1921) and Hellmayr (1924) years later (Vanzolini 2004, Pacheco 2004b). Pacheco (2004b) provides more information on Ménétriès' types and localities.

Peter Wilhem Lund (1801–1880) was a Danish naturalist, well known for his paleontological works in Lagoa Santa, Minas Gerais (see Da-Gloria et al. 2017). On November 1834, Lund briefly explored the upper RDB region, visiting Serra do Caraça, Ouro Preto and Olaria, in Mariana, where he collected some specimens (Pinto 1950, Krabbe 2007). Although no much ornithological material was gathered in the RDB, he wrote a detailed study about the "campos" vegetation (Lund 1835). Lund established himself in Lagoa Santa and did not collected again in the RDB. His collections were sent to the ZMUC but would increase and be properly studied only with the visit of the following Danish Zoologist, with whom he worked together in Minas Gerais.

Johannes Theodore Reinhardt (1816–1882) conducted fieldwork in Brazil when still young, and later became curator of the former Royal Natural History Museum of Denmark, currently ZMUC. Reinhardt came to Brazil in three occasions (in 1847, from 1850 to 1852 and from 1854 to 1855), adding many birds specimens to the Lund's collection. Reinhardt briefly explored the upper RDB visiting Ressaquinha, Capela Nova, and Ouro Preto, recording six species. Unfortunately, he was careless in labeling data directly on the specimen's labels, and his records are probably underestimated (Krabbe 2007). A few years later, he published a seminal work on the birds of the Brazilian Cerrado (Reinhardt 1870).

Émile Deville (1824–1853) was a French zoologist that explored Brazilian lands from 1843 to 1845, during the great French Expedition through South America commanded by Francis de Laporte, comte de Castelnau (1810-1880). They left Rio de Janeiro towards the upper RDB, visiting Ouro Preto, Mariana, and Itabira (Castelnau 1949, Papavero 1971, Pinto 1979). Castelnau donated their ornithological collection to the MNHN, where it was studied by Oeillet Des Murs (1804-1894). It contained 62 species from Brazil or surroundings, 28 of them described as new and 18 remained that way (Vanzolini 2004). It seems that part of the material may have

been lost during the expedition (Guichenot 1855). Results from the expedition were published as an encyclopedia, in several volumes (Castelnau 1850). Zoological results were published in two volumes (Castelnau 1855), with a chapter dedicated to birds, in the first volume (Des Murs 1855). However, as the political scenario in France was changing, its publication was delayed and, thus, zoologists from the expedition published several papers with parts of the zoological data (Vanzolini 2004), some containing ornithological information (e.g. Deville 1849, 1851, 1852, Deville & Des Murs 1849b, 1849a, Deville & Sclater 1852).

Karl Hermann Conrad Burmeister (1807–1892) was a German naturalist that briefly visited Mariana and Ouro Preto in May 1851. His major work (Burmeister 1856), although contains drawings, descriptions and distribution on many Brazilian birds (Pinto 1952, 1979), was published in German, written in gothic characters, and was never translated. Burmesiter's major work is, therefore, difficult to read for most researchers on Neotropical birds, but it is well known to have many errors regarding the range of the species studied (Sick 1997). His collections were sent to the ZMB.

Pierre-Émile Gounelle (1850–1914) was a French naturalist who visited Ouro Preto (Pico do Itacolomi) in 1885 and Serra do Caraça in 1885 (see Société Entomologique de France 1885, p.xxxvii) and 1899 (Gounelle 1909, Millot 1920, Papavero 1971, Sick 1997). His paper contains annotations on some Thochilidae, with relevant information on geographic distribution and natural history (Gounelle 1909). The main part of Gounelle's collection was recently transferred to the MC (Lopes et al. 2017). Some specimens were also found in the MZUSP (Vasconcelos & Pacheco 2012).

Ernst Garbe (1853–1925) was a traveling-naturalist hired by the MZUSP to do several voyages and collections for the museum (see Rev. Mus. Paul., VI. P. 4 [1904]). Garbe and his son Walter traveled to Espírito Santo in 1905 and collected for a short time in Ibiraçu, proceeding then to the lower RDB (Pinto 1945). They settled in Colatina, at the left bank of the Rio Doce, and collected several birds. A second trip was made in 1906, when they collected in Baixo Guandu (Garbe 2018). According to Pinto (Pinto 1945), Ernst Garbe collected several specimens in different points along his way to the Rio Doce, but most of them had no proper labels (Ihering & Ihering 1907, Pinto 1938, 1944, 1945). As stated by his son Walter (in Pinto 1945),

most of the specimens collected from March to September 1906 were obtained in Linhares and Lagoa Juparanã (Ihering 1911).

Jacinto B. de Godoy (1866–1939) was a Brazilian pharmacist that collected birds in the upper RDB (Mariana, Vargem Alegre and São Domingos do Prata) between 1900 and 1906, and sold most of them to the MZUSP (Ihering & Ihering 1907, Pinto 1945). Some mounted specimens collected by him were sent to the Mph, where they are housed in poor conditions (Vasconcelos et al. 2014).

José Pinto da Fonseca (1896–1982) was a Brazilian entomologist that collected in Mariana in 1918 and in the margins of Rio Sacramento (in Marliéria) and of Rio Matipó (in São Pedro dos Ferros and Raul Soares) in 1919 (Pinto 1945). The bird specimens he obtained by him are deposited in the MZUSP (Pinto 1938, Pinto 1944) and in the MPh (Vasconcelos et al. 2014).

Ernst Golsan Holt (1889–1983) was an American collector who collected in Serra do Caparaó in 1922, selling part (60 skins) of his collections to the MNRJ (Peixoto-Velho 1923, Holt 1928). The Brazilian ornithologist **Pedro Pinto Peixoto-Velho (1891-19??)** also collected some birds in Serra do Caparaó at that same year; both collections are now in the MNRJ (Peixoto-Velho 1923, Melo-Júnior et al. 1998, Vasconcelos & Pacheco 2012). Peixoto-Velho also collected in Bananal in 1924 (Paynter & Traylor 1991, Ruschi 1951, MNRJ 2018).

Henriette Mathilde Maria Elizabeth Emilie Snethlage (1868–1929) was a German naturalist hired as by the director of the former Museu Paraense, Émil August Goeldi (1859-1917), and was one the first women to do field research in Brazil. While working for the MNRJ as traveler-naturalist, she explored many localities in Rio Doce. In 1925, she collected birds in the lower RDB, including Colatina, Lagoa Juparanã, and Baixo Guandu (Aguirre 1951, Ruschi 1951, MNRJ 2018). From 1925 to 1926, she collected in Fazenda Taveira, in Mariana, and Serra do Batatal, in Ouro Preto, both in the upper RDB (Ruschi 1951, Pinto 1952, MNRJ 2018). In addition, specimens deposited in the MNRJ attests that Snethlage collected birds in the Serra do Caparaó in the middle RDB in 1929 (Snethlage 1936, Ruschi 1951, Sick 1997, Melo-Júnior et al. 1998).

Snethlage is worldwide renowned by her works on Amazonian birds (Snethlage 1914). Despite having also collected a considerable amount of birds in southern and southeastern Brazil, very little was published about it, because of her sudden death in

1929 (Sick 1997). Part of a complete bird catalogue including the specimens collected by her out of the Amazonia, in which she was working, was published posthumously (Snethlage 1936). A large part of Snethlage's collections are currently in the MNRJ, which harbor more than 600 specimens from the RDB that were never properly studied.

Emil Kaempfer (1872–195?) was a German collector that, together with his wife, collected more than 10,000 birds in Brazil during several year of exploration. From January 1929 to January 1930, the Kaempfers explored the middle and lower RDB, collecting in Resplendor, Aimorés, Lagoa Juparanã, Baixo Guandu, and Serra do Caparaó (Naumburg 1935, Pinto 1952, Rezende & Vasconcelos 2014). His specimens were sent to the AMNH and was partially studied by Elsie Naumburg (1937, 1939), ornithologist who hired him, and by J. T. Zimmer (1947, 1949). Unfortunately, this monumental collection has never been studied in full.

Ynes Enriquetta Julietta Mexia (1870–1938) was an American botanist that collected a small series of birds in the upper Rio Doce. She collected in Viçosa region for over a year in 1930, and her collections are deposited in the MVZ. Before that, Mexia also explored the Serra do Caparaó where she collected some animals and plants, but it is not known if she collected any ornithological material in this site (Bracelin 1935, Bracelin 1938).

João Moojen de Oliveira (1904–1985) was a Brazilian zoologist that explored the upper Rio Doce. From 1933 to 1937 he worked at the former Escola Superior de Agricultura e Veterinária do Estado de Minas Gerais, currently the Federal University of Viçosa. There he dedicated to study birds and left a zoological collection that later originated the MZJMO (Nomura 1993, Avila-Pires 2005). He collected birds in Viçosa and its neighboring municipalities between 1932 and 1938, sometimes accompanied by José Cândido de Melo Carvalho (1914–1994), a Brazilian zoologist and Moojen's co-worker, who also collected some bird specimens (Moojen et al. 1941; Moojen 1943, Nomura 1993, Leontsinis 1995). Moojen also visited the Rio Matipó (in São Pedro dos Ferros and Raul Soares) in 1936 (Moojen 1937). His collections are deposited at the MNRJ and MZJMO.

Adolf Schneider (1881–1946) was a German ornithologist that headed in 1939 a joint expedition of the ZMB and the Instituto Oswaldo Cruz, aiming to explore the north of Espírito Santo. Along with the German ornithologist Helmut Sick, and the

Brazilian Zoologists Álvaro Aguirre and Antônio Aldrighi, that we will present latter, Schneider explored the lower RDB and collected, altogether, 683 bird skins (Pacheco & Bauer 1995).

Heinrich Maximilian Friedrich Hellmuth Sick (1910–1991), after the end of Schneider's expedition, decided to stay in Espírito Santo by his own (illegal, since his visa had expired). Between 1940 and 1942, he lived and intensively collected ornithological material in the Serra de Jatiboca, at the margins of Rio Limoeiro, near Itarana. During this period, he also visited other localities in Espírito Santo, such as Linhares, Santa Teresa, and Serra do Caparaó (Sick 1970; Gonzaga 1991; Pacheco & Bauer 1995). He later visited Sooretama in 1954 and 1961 (Sick 1970). We could recently locate his collections in the MNRJ.

In the midst of the World War II, with the disruption of diplomatic relations between Brazil and Germany, Sick was imprisoned for two years, being released only in 1944 (Gonzaga 1991; Pacheco & Bauer 1995; Vuilleumier 1998). Unfortunately, as result of the arrestment, most of his scientific material was apprehended, but the specimens from Serra do Caparaó are currently deposited in the MNRJ and in the AMNH (Vasconcelos & Pacheco 2012). After his release, naturalized as Brazilian citizen, Sick continued his work as ornithologist (Gonzaga 1991), visiting some other localities in the RDB region, such as Serra do Caraça, and the Rio Doce State Park.

Álvaro Coutinho Aguirre (1899–1987) and **Antônio Domingos Aldrighi (19??-????)** also collected independently during the Schneider's expedition; the specimens they brought (94 bird skins) were the first ones deposited in the former Museu da Fauna, in Rio de Janeiro. Later, they visited again this region several times in 1942, 1944 and 1945 (Aguirre & Aldrighi 1983). The collections from Museu da Fauna were later incorporated to the MNRJ.

Olivério Mário de Oliveira Pinto (1896–1981) was a Brazilian ornithologist that headed the former Zoology Department of São Paulo, currently the MZUSP. Pinto leaded one of the most important expedition ever conducted in the RDB, which, with the help of Benedito Soares, Alfonso Olalla and W. Garbe, obtained about 1,500 specimens, recording, for the first time, many species for Minas Gerais (Pinto 1952). They arrived in August 1940 in Coronel Fabriciano, where they visited the former Rio Doce Forest Park (today PERD) and collected in its primary forests. Leaving the

Park, they also collected in Governador Valadares and Nova Era (Pinto 1945, 1952). This same group, except for W. Garbe, also explored the lower Rio Doce in September 1942, collecting in Rio São José and Lagoa Juparanã (Pinto 1945). Back from Rio São José, in October, they briefly collected in Santa Teresa (Pinto 1945). The bird specimens collected during these trips are deposited in the MZUSP and MCZ.

Herbert Franzoni Berla (1912–1985), was a Brazilian ornithologist that, along with Gentil Dutra, Leoberto C. Ferreira and Ernest Holt, explored the lower RDB during a joint expedition of the Serviço de Estudos e Pesquisas da Febre Amarela and the Rockefeller Foundation. They coll ected ornithological specimens in Ibiraçu (Pau Gigante) and Colatina, north Espírito Santo, from August to November 1940 (Pinto 1945; Pacheco & Parrini 1999; MNRJ 2018). Part of this collection is deposited in the MZUSP (Pinto 1945), and about 300 skins are in the MNRJ (Ruschi 1951; Pacheco & Parrini 1999).

Berla also collected in Jatiboca in 1940 and in Ibiraçu between 1950 and 1968, as attested by specimens deposited in LACM, but documents about these expeditions are scarce. He also collected in Raul Soares between 1947 and 1963 (Pacheco & Parrini, 1999), with specimens deposited in the LACM under his name, and in the FMNH under his son's name, Ricardo Medeiros Berla.

Augusto Ruschi (1915–1986) was a Brazilian naturalist that collected specimens for the MNRJ, and later founded the MBML. He lived in Espírito Santo, where he intensively collected from the 1940's to 1970's, especially in Santa Teresa and Linhares (Vieillard 1994). His main collections are deposited in the MBML and MNRJ, but he exchanged specimens with several museums around the world, including the AMNH. Ruschi was a prolific author, and published nearly 400 scientific papers, many of them including data obtained in the RDB (Conway 1991). Nevertheless, his vast bibliographical work should be studied with care, because it has several inconsistencies regarding geographic distribution, including evidence of fraud (Vieillard 1994; Bauer 1999; Pacheco & Bauer 2001a; Willis & Oniki 2002).

Rolf Karl Heinz Grantsau (1928–2015) was a German naturalist most interested in hummingbirds. He explored the RDB and collected in Barão de Cocais, Serra do Caraça, Manhuaçu, and Colatina between 1964 and 1965 (Grantsau 1967; Vasconcelos & Pacheco 2012). His results were published in several papers and in a

seminal book about Brazilian hummingbirds (Grantsau 1988). Later in life he also published a guide with colored plates and identification keys for all Brazilian birds (Grantsau 2010), both featuring his own illustrations (Lima & Piacentini 2015). Most part of his specimens were deposited in his private collection (Rolf Grantsau Collection), which is being transferred to the MZUSP. Some specimens can also be found in MPEG and in several other collections around the world, because Grantsau exchanged a considerable amount of material.

Antônio Paviotti (????-19??) was an Brazilian collector who lived and collected birds in Santa Teresa, from 1964 to 1969. His private collection, with very well-prepared specimens, were sold in the 1970's to the Federal University of Minas Gerais, where it is housed at the DZUFMG and MHNJB.

Homer T. Erickson (19??–????) was an American horticulturist. **Russell E. Mumford (1922–????)** was and American biologist. Both were professors at the Purdue University that spent several years working in the Federal University of Viçosa, where they made important observations on regional avifauna between 1959 and 1974 (Erickson & Mumford 1976). Specimens collected by these researchers are housed in the MZJMO.

Ney Eni Demas Carnevalli (1938–2002) was a Brazilian ornithologist that studied the birds from the middle and upper RDB. He explored the Serra do Caraça in the 1970's and several other localities in the 1980's, as attested by specimens in the DZUFMG and his few published papers (Carnevalli 1980, 1982, 1983; Lanna et al. 1983). Carnevalli worked with several official private institutions in avifaunal diagnoses; however, a large bulk of data is not available to a wider audience, being published as technical reports (e.g. Carnevalli 1978; Carnevalli et al. 1989; Straube & Machado 2002).

Geraldo Theodoro Mattos (1935–) is a Brazilian ornithologist who explored the RDB since the 1960's. He collected in Viçosa from 1967 to 1991 (Monteiro 1983, 1984, Mattos 1991, Pacheco 1994), alone or accompanying Alberto Resende Monteiro, another Brazilian ornithologist and former professor at the Federal University of Viçosa. He also visited Serra do Brigadeiro State Park from 1988 to 1994 (Mattos 1994); Marliéria from 1977 to 1992 (Andrade 1991, Mattos 1991, Collar 1992, Machado 1998, Mazzoni 2016); and the Itacolomi State Park in 1985 (Andrade 1998, Ribon 2006). Geraldo Mattos was a great taxidermist, and his results

were published in several papers (Monteiro et al 1983; Monteiro & Mattos 1984a, 1984b; Mattos & Sick 1985; Mattos et al 1991; Bustamante et al 1994; Mattos & Simon 1994; Simon et al 1993a, 1993b, 1998; Mattos & Andrade 2000; Ribon 2003; Carnevalli & Mattos s. d.). Mattos gathered a private collection that we could not investigate, but several specimens collected by him are also deposited at the DZUFMG, MHNJB, MNRJ, MZJMO and MZUSP.

José Eduardo Simon (1966–2014) and **Rômulo Ribon (1968–)** are two Brazilian ornithologists that started their career in Viçosa during the 1980's. Specimens collected by them are deposited at the MZJMO and were summarized by Ribon et al (2003). Simon extensively collected in Espírito Santo during the 2000's, mostly in Santa Teresa, until his tragic death in 2014. The latter part of his collections was sent to the MBML and MNRJ. Ribon is currently a professor and head at the Laboratory of Ornithology at the Federal University of Viçosa – Campus Viçosa.

Marcelo Ferreira de Vasconcelos (1974 –) is a Brazilian ornithologist specialized in birds from the mountaintops of southeastern Brazil ("campos rupestres" and "campos de altitude"). He started to explore the RDB in the 1990's and, since, collected in several locations along the basin, but mostly in Catas Altas and Santa Bárbara, along the Serra do Caraça. Marcelo Vasconcelos' collections from the RDB contains about 4,000 specimens, which are deposited in the DZUFMG and in the MCNA, where he currently works as curator of the ornithological collection.

So far, we have mentioned only those that we believed were very important, either by his/her historical value or by the size of the assembled collection. Nevertheless, others conducted smaller collections in the RDB, no less important than the aforementioned, attested by specimens deposited in museums and bioacoustics libraries: Emílio Dente (Dom Joaquim and Serra do Caraça in 1968, and Marliéria in 1977 DZUFMG, LSUMZ, MNHJB); F. M. Oliveira (Serra do Caraça from 1969 to 1974, MNRJ); José Jacintho (Santa Teresa in 1965 and Serra do Caraça, Marliéria and Caratinga from 1971 to 1976, DZUFMG and MHNJB); Theodore A. Parker III (Santa Teresa and Linhares from 1980 to 1985, CLO); Morton Isler and Phyllis Isler (Santa Teresa and Linhares in 1988, CLO); Jacques Vieillard (Santa Teresa, Linhares and Middle Rio Doce from 1971 to 1996, FNJV, MBML); W. F. Hoffmann (Santa Teresa from 1984 to 2005, MBML). Many others have collected

only sporadically, and these records can be found at the several institutions listed in table 1.

From 1990 on, the number of collectors working in the basin soared. Furthermore, researchers changed the way to record data, in a way that collected specimens numbers decreased, while records by observation, photography and vocalization increased. Surveys from de RDB begins to appear more frequently in books (Collar 1992, Wege 1995; Machado 1998), academic thesis (Machado 1995, Bauer 1999) and scientific journals (e.g. Melo-Junior, 1996; Willis & Oniki 2002; Faria et al. 2006; Loures-Ribeiro et al. 2011). Currently, there is a great amount of data also recorded through citizen science, which includes not only specialized ornithologists, but also volunteer birdwatchers. These data are gathered at online portals such as Wikiaves (https://wikiaves.com.br) and Xeno-canto (https://xeno-canto.org), having a huge representation for the RDB.

CONCLUSION

This extensive bibliographic review allowed us to understand the pattern of ornithological exploration in the RDB. Its history can be divided into four major periods (addapted from Alves et al. 2008): 1) the historical expeditions (during the 19th century), 2) the natural history museums expeditions (from early-20th century to 1980s), 3) the modern period (since the 1980s) and 4) the digital period (since the 2000s).

For 300 years since Portuguese arrival in the Brazilian coast, the prestigious forests of the basin remained untouched. Early surveys in the RDB only started in the 19th century, when nothing was known about its biodiversity. Although many species were discovered and described during the historical period, those explorations were individualists and isolated, made especially by foreign naturalists who sent all or most of their collections to foreign institutions. Therefore, the process of understanding avifauna in the basin has remained very slow for nearly a century (see also Vuilleumier 2003). Part of these material was lost duo to a lack of care when labeling and collecting data. Most of these historical specimens, including several types, are still housed at those foreign institutions. The only exception to those was the MNRJ that received historical specimens from Freyreiss and Sellow, although we

do not know the whereabouts of those collections. Likewise, many European museums gave away and permuted those collections, and many were lost during the World War, some of them never being properly studied.

From early-20th century on, scientific studies of birds in the RDB were conducted mainly by natural history museums, such as AMNH, MNRJ and MZUSP. Unlike historical explorations, research in this period focused not only on avifauna survey, but also in geographic distribution (Schneider and Sick 1962, Sick 1959), some aspects of bird biology and ecology (Schubart 1965, Sick 1953), taxonomy (Snethlage 1926, Pinto 1949) and especially in cataloguing the ornithological collections at the museums (Snethlage 1926, Pinto 1932, 1944, 1975, Aguirre 1983, 1987). Natural history museums explorations had significant results, but ornithological research on the RDB only at the modern period, when Brazilian universities began to contribute in the production of zoological knowledge. From 1990 on there was a significant increase in ornithological data collection, because post-graduations where already established at universities and, consequently, ornithologists were being formed (Alves et al. 2008, Borges 2008).

By the beginning of the 21th century, data collection on bird started to change, so it was partly substituted by visual, auditive and photographic records, either because of the facility to collect (non-invasive), as for the increase on the concern of the real necessity to collect specimens (Vuilleumier 1998, Donegan 2000). Consequently, online platforms arise as an easy way to share audiovisual and photographic data, making room for volunteers to contribute, which was called later Citizen Science. Currently, most representative data are those published in scientific papers, along with citizen sciences made by millions of volunteers, experienced ornithologists or not, the so-called birdwatchers. Song recordings and photographs increased a lot the records of many bird species, creating a great database on online portals such as Wikiaves.

Finally, it is important to stress out that, although we gathered as much information as we could, we expect that several specimens might still exist within some museums draws or among grey literature that we could not access.

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CHAPTER 2 – ANNOTATED CHECKLIST OF THE BIRDS OF THE RIO DOCE HYDROGRAPHIC BASIN, SOUTHEASTERN BRAZIL

INTRODUCTION

The Rio Doce Basin (RDB) is located in southeastern Brazil, almost entirely within the domains of the Atlantic Forest, a biodiversity *hotspot* with an astonishing high level of endemism (Myers *et al.* 2000). The Atlantic Forests is now reduced to 11% of its original cover, mostly distributed into small, isolated, and highly disturbed fragments (Ribeiro *et al.* 2009b). Two centuries passed since the first ornithological records were obtained in the RDB by 19th century naturalists. Since them, local landscape dramatically changed, and the virgin forests inhabited by primitive indigenous tribes sampled by early explorers gave place to more than two hundred cities immersed in a farmland matrix (see chapter 1 for a detailed account on the history of ornithological exploration of the RDB). The impacts of the dramatic change in land use upon the RDB avifauna is difficult to understand and to disentangle from the impacts of the recent rupture of a mining dam in the county of Bento Rodrigues, in the headwaters of the Rio Doce, which produced the largest environmental disaster in the Brazilian history (Escobar 2015; Jacobi & Cibim 2015). This disaster produced a sludge tsunami that travelled more than 600 km downstream with huge impacts upon the local biota. The understanding of such impacts and the planning of management and restoration strategies for achieving conservation goals require first a good compilation of data on the biodiversity of the region (Margules & Pressey 2000).

To date, no major compilation effort of biodiversity data has ever been performed for the entire RDB. The huge amount of data available about its birds is dispersed in a myriad of sources, mostly unavailable to the international scientific community. This because the data of interest, often published in Portuguese and/or in journals with limited distribution (i.e. gray literature), is dispersed in hundreds of scientific papers about natural history (e.g. Lopes *et al.* 2005; Duca & Marini 2008), taxonomy (e.g. Ribon 1995; Lopes & Gonzaga 2014), local inventories (e.g. Willis & Oniki 1991; Melo-Júnior *et al.* 2001), and taxonomic catalogues (e.g. Pinto 1938, 1944). Furthermore, many scientific papers do not mention the words “Rio Doce” on their titles, abstract, or key-words, and are, therefore, not easily retrieved by the

mostly used searching engines (e.g. Google Scholar). A researcher interested in locating these papers must have not only a good knowledge about the Brazilian ornithological literature, but also a good knowledge of the geography of the RDB. Large amounts of information are also available as unpublished hard-to-find technical reports (e.g. Carnevalli 1978; Lins 2001). Museum drawers also harbor thousands of specimens that have never been studied and published. Finally, tens of thousands of bird records for the RDB are available in the archives of Citizen Science Networks, such as Wikiaves (https://en.wikiaves.com/index.php), but these data cannot be easily selected and download from the website.

In addition to the difficulty of locating and obtaining the data above mentioned, the compilation of such huge database is an extremely laborious and time-consuming task, because the data are very heterogeneous in quantity and quality of information associated with (e.g. no exact locality or date of records was given, the author of the record was not always mentioned, identification mistakes were common, localities changed their names, bird taxonomy changed dramatically during the last two centuries). After a thorough revision and standardization of the data, we compiled a database with more than 80,000 georeferenced and dated bird records for the entire RDB, which is presented here in the form of an annotated checklist. This checklist will be the starting point for a series of other papers dealing with the avifauna of the RDB that we are working on, including a study about the extinction of species in the basin through time and the importance of Citizen Science networks for biodiversity assessments and conservation programs.

METHODS

Study area

RDB covers the eastern part of the state of Minas Gerais and the northern part of the state of Espírito Santo, southeastern Brazil (17°45'–21°15'S, 39°30'–43°45'W) and is drained by the homonymous name. The study area also includes the much smaller and independent hydrographic basin of the Rio Barra Seca, which was recently considered for management purposes as an hydrogeographic region of the RDB by the National System of Management of Water Resources ("Sistema Nacional de Gerenciamento de Recursos Hídricos") (Decree No. 3792-R from 20

March 2015, published in the “Diário Oficial do Espírito Santo”). For further details about the study area, see chapter 1.

Data acquisition

The checklist we presented here is the result of a huge effort of data gathering and compilation completed during the last ten years. Data were obtained from the following sources:

1) Published sources: we included in this checklist all published records that we could find for the RDB, including books, book chapters, scientific journals, and conference proceedings. In addition to accessing the traditional searching engines (e.g. https://scholar.google.com.br), we also made a huge effort to manually check all sources at hand that we suspected that could contain useful information (libraries of the Universidade Federal de Minas Gerais and Universidade Federal de Viçosa, as well as the personal libraries of all authors). The Bibliography of Brazilian birds compiled by Oniki & Willis (2002) was a useful starting point.

2) Unpublished technical reports, thesis and dissertations: we included many unpublished sources in this checklist, because these reports are part of the official heritage of some Conservation Units located in the RDB (e.g. Rio Doce State Park), being systematically used to define conservation and management strategies, also supporting the elaboration of the official State and National Red Lists of Threatened Species.

3) Museum specimens: we included records from 11 Brazilian and 14 overseas ornithological collections (see appendix B for acronyms). All specimens from the RDB were personally examined by MFV in DZUFMG and MCNA and by LEL in COMB, MHNJB, MPh, and UFMT. Most specimens in the MZJMO (collected before August 2006) were also examined by LEL, with recently collected specimens accessed through the electronic database of this collection. We accessed records from MBML, MNRJ, MPEG, and MZUSP mostly through their accession book, collection catalogue (Pinto 1938, 1944; Ruschi 1951; Pinto 1964, 1978; Vielliard 1994; Vasconcelos *et al.* 2014), and/or electronic databases, but LEL also personally examined some few specimens in all those institutions. The digitalization of the MNRJ database is a work in progress and an unknown number of specimens is missing in the database and information about some other specimens is not complete.

MNMB visited the MNRJ and personally checked some specimens and crosschecked the information of the hard copy of the accession book with the digital one, with the help of the museum's staff.

Data on specimens housed in 14 collections not visited by us were accessed through the VertNet (http:// http://vertnet.org/), SpeciesLink (http://splink.cria.org.br/) or through the online databases of those museums that are not part of VertNet or Species Link. We also emailed the curators and the collection manager of some few museums of interest for which information about their collections were not available online or in search for additional information about specimens, localities and collectors.

The following museums contained data from the study area at the time of consultation (July and August 2018): AMNH, ANSP, CM, FMNH, LACM, LSUMZ, MCZ, MVZ, UF, UMMZ, USNM, UWYMV, YPM, ZMUC, and ZUEC. These online databases usually return detailed information about the specimens available, with the remarkable exception of the AMNH, where the digitalization of the collection is a work in progress. The AMNH houses the spectacular Kaempfer Collection, with about 10,000 specimens (Naumburg 1935), about 1,500 of them collected within the RDB. The Kaempfer Collection was regarded as a special collection for decades, waiting for a detailed study before being incorporated into the general collection. Unfortunately, despite the initial efforts of Naumburg (1928, 1937, 1939), the collection has never been studied in full. Even though the labels of Kaempfer's specimens bring very detailed information, digitalization of this collection was made from the accession book, which was very incomplete. Consequently, specimens from the Kaempfer collection listed in the database are frequently identified to genus level only, and, for many of them, the locality of collection is not cited. Nevertheless, given that the date of collection and elevation are always given, it was possible to recover the locality of collection of each specimen based on the detailed Kaempfer's itinerary published by Naumburg (1935). Identification of these birds to species level was generally possible by cross checking the data available with information presented by other authors who had examined them (for example, the series of papers published by J.T. Zimmer on Peruvian birds, see references, was of invaluable help). For some of these specimens, a tentative identification was also possible based on habitat and range (e.g., *Dendrocincla*

turdina is the only species in the genus that occur in southeastern Brazil). LEL also visited the collection of the AMNH during their taxonomic studies (e.g. Lopes & Gonzaga 2014, 2016), examining some few specimens of special interest.

4) Sound archives: we accessed data from three sound archives though the VertNet (BLB and ML) or SpeciesLink (FNJV). Data from the locality "Museu de Biologia Professor Mello Leitão, Santa Teresa" in the FNJV were not included in the database, because, apparently, many records were obtained from captive individuals.

5) Citizen science data: Wikiaves (https://en.wikiaves.com/index.php) is and interactive website that provides free tools for the online publication of photographs and sounds of Brazilian birds. It is now one of the major sources of distributional data about Brazilian birds and is built in a citizen science basis. Wikiaves website gives no option to select and export the data of interest. Given the impossibility to manually access the thousands of records available for the RDB, we built an automated Web Scrapper implemented in Python for extracting the data available for all municipalities in the RDB.

6) Interview. On 2013, LEL had the pleasure to visit G. T. Mattos in his house and conducted a three-hour long interview with him. Mattos clarified several doubtful records available in the literature and provided further unpublished information about some important records obtained by him during 40 years of ornithological exploration of the RDB.

7) Own unpublished field observations: from 1994 (MFV) and 2000 (LEL) to the present, we conducted fieldwork along the RDB. Those observations had different purposes and followed no standardized method.

Database construction

A same locality frequently appeared in the literature and or specimens' labels with different names. Very close localities, that could well be pooled together without loss of precision in the scale of this work, were also common. Furthermore, many of the municipalities of the RDB suffered splits and localities changed their names during the last two centuries. Therefore, we needed to update and standardize the names of many localities.

Geographical coordinates and elevations are those provided by the original sources or from Paynter & Traylor (1991) and Vanzolini (1992). The study of Costa (1970), the software Google Earth (http://earth.google.com), and the topographic charts provided by the Brazilian Army's geographic database (http://bdgex.eb.mil.br) were also very helpful for georeferencing some localities for which geographical coordinates were not available from the above cited sources. Records obtained in unspecified localities in a given municipality (this includes all records from Wikiaves) were georeferenced using the geographical coordinates of the municipal seat as listed in the gazetteer provided by the Brazilian Institute of Geography and Statistics (ftp://geoftp.ibge.gov.br/organizacao_do_territorio/estrutura_territorial/localidades). We must stress that the accuracy of the geographical coordinates and, especially, elevations, is highly variable between localities, representing mere approximation of the exact site where the record was obtained.

Taxonomy and sequence of bird species and families follow the 12th edition of the Checklist of birds of Brazil by the Brazilian Ornithological Records Committee (Piacentini *et al.* 2015). Seabirds and marine shorebirds, such as *Thalassarche chlororhynchos, Sula dactylatra, Sula leucogaster, Calidris alba*, and *Sterna hirundo*, recorded exclusively in the beaches at the mouth of Rio Doce, were not included in this checklist.

Database cleaning and standardization

The analysis of a large and heterogeneous data set like this is obviously not free of bias and pitfalls. The main problems we faced and the solutions we found are presented below:

1) Redundant records. Many species were cited several times in the literature for the same locality by different sources. Our decision was to include all records we could find for each species in each locality, excluding only those that clearly represented duplicate records. Nevertheless, it was often not possible to know if the information was original or reproduced from another source without proper citation. This is particularly true for some rare and threatened species, known from only few scarce field observations or museum specimens (e.g. *Crax blumenbachii* and *Neomorphus geoffroyi* for Parque Estadual do Rio Doce). We did not include in our

database records from the Handbook of the Birds of the World (del Hoyo *et al.* 1992–2012), because these were invariably second-hand records that we have accessed in the original sources.

2) Records obtained in conservation units that encompasses two or more hydrographic basins. Some of the most important and well-sampled conservation units in this basin are located in mountainous areas where each slope drains to a distinct hydrographic basin. Some noteworthy examples are the Parque Estadual da Serra do Brigadeiro (Rio Doce and Rio Paraíba do Sul basins), the Reserva Biológica Augusto Ruschi (Rio Doce, Rio Piraquê-Açu, and Rio Três Reis Magos) and the Parque Nacional da Serra do Caparaó (Rio Doce, Rio Itapemirim, and Rio Itabapoana). Given that bird inventories on those conservation units seldom specify the exact locality where each species was recorded, we accepted all records for them, which may be the last stronghold for some threatened species. We are aware that some of the records presented here were probably obtained outside the RDB, but are confident that no significant ecological barrier exists between these basins and that the forest continuity is, or was in a near past, enough to allow birds to freely cross between them. An exception to this rule is the Serra do Cipó, where huge differences can be seen between the vegetation (Ribeiro *et al.* 2009a) and the bird fauna (Melo-Júnior *et al.* 2001) from western (Rio São Francisco) and eastern slopes (Rio Doce). We included in our database only those records obtained in the mountaintop and in the eastern slope of the Serra do Cipó;

3) Records presented by some authors who worked in conservation units include birds observed in their environs and access roads. For example, Forrester (1993) recorded for Nova Lombardia (nowadays Reserva Biológica Augusto Ruschi) birds observed in the lowlands of Santa Teresa (Willis & Oniki 2002). We suspect that a similar problem also occurred with records by this author for other conservation units. For example, Forrester (1993) presented several records of water and marsh birds for the Reserva Particular do Patrimônio Natural Feliciano Miguel Abdala, an area with only tiny creeks and a very small pond that does not harbor many species of waterbirds. We generally accepted these records, because these species in fact occur in the region, but readers must be aware that some of these records were obtained out of these conservation units.

4) Ruschi's records. The Brazilian naturalist Augusto Ruschi lived in the municipality of Santa Teresa, Espírito Santo, and studied the avifauna of the RDB for decades, publishing almost 400 papers (Conway 1991). He collected hundreds of specimens that were deposited at the MNRJ and MBML. We usually accepted records of those specimens collected by Ruschi, but only after careful analysis, because some specimens presented evidences of mislabeling (Vielliard 1994; Willis & Oniki 2002). On the other hand, we were very conservative with published papers of Ruschi which are not based on collected specimens, because several of his papers proved to be carelessness, containing many errors and inconsistencies, some of them including evidence of fraud (Pacheco 1995; Pacheco & Bauer 2001).

5) Identification mistakes of similar looking species. Some similar looking or sibling species seems to have been systematically misidentified by field ornithologists, especially during the 1980's and 1990's, when the knowledge about bird vocalizations and the availability of field guides was limited. Although we tried to filter these records by range, habitat or elevation, this was not always possible. Among those pair of species for which erroneous records were much possibly included in our checklist, we must highlight: *Penelope superciliaris/obscura*, *Cathartes aura/burrovianus*, *Leptotila verreauxi/rufaxilla*, *Myiobius barbatus/atricaudus*, *Hylophilus poicilotis/amaurocephalus* and *Arremon semitorquatus/taciturnus.* A special case is that of the genus *Elaenia,* for which it is not possible to identify all birds to the species level in the field or in even in museums with large series (Ridgely & Tudor 1994; Straube 2013). To make things worse, several *Elaenia* species perform intratropical migration through unknown routes and during poorly known periods, what make it difficult to identify erroneous records. Therefore, despite all our efforts, readers must be careful when interpreting *Elaenia* records.

6) Wikiaves records. As stated above, records from Wikiaves bear no precise localities and were georeferenced using the central coordinates of the municipal seat. Fortunately, 197 of the 229 municipalities (86%) included in the RDB lies completely within the RDB limits (i.e. municipalities boundaries often follow the watersheds). Those municipalities whose borders extended beyond the RDB borders were only included in this checklist if 75% or more of their territorial area and their municipal seat were included in the RDB. Exception was made to the well sampled

municipality of Santa Teresa, for which only 68% of its territorial area are within the RDB, also presenting its municipal seat outside the basin. Even using these restrictive criteria, we considered Wikiaves records for 208 (91%) of the 229 municipalities of the RDB.

RESULTS AND DISCUSSION

The Rio Doce Basin check list

This study revealed high species richness in the RDB, recording 626 species (Appendix D). About 565 (90,25%) of these species are documented by specimens. If we consider those specimens documented by photograph or recording, the percentage of documentation rises for almost 100%. Appendix E presents 92 species recorded in the RDB, but which records were considered erroneous or unconvincing. Species confirmed to occur in the basin, but with unconvincing records for some localities in the RDB are presented in Appendix F.

The large data set amassed here provides the first thorough characterization of the RDB avifauna. Nevertheless, the information available is unbalanced along the time and space, with extensive areas have never being adequately sampled for birds. Unfortunately, these areas are now, with some few exceptions, highly disturbed by human activity and we will never know with certainty which birds inhabited them.

The large amount of careless and poor-quality data published for the RDB during the last decades of the 20th century resulted in a large amount of erroneous information which is difficult to handle with it. During the 1970's to the 1990's bird inventories were no more based on the collection of specimens, as done on earlier decades, but on observation with binoculars. The problem was that during this time the availability of good field guides was limited (Vuilleumier 1997) and the knowledge about the vocalizations of Neotropical bird was also scarce. Researchers stopped collecting birds before they had the knowledge and equipment for that (e.g. digital cameras, tape recorders, and field guides). Today, in addition to the widespread use of good field guides (Ridgely & Tudor 2009; Ridgely *et al.* 2016), the modern and very useful internet resources (e.g. Wikiaves and Xeno-Canto) make species identification easier and less prone to errors. Internet resources also prompted

the wide sharing of photographs and sound recordings, what allowed the independent checking of questionable records. In spite of all these facilities, the importance of specimen collection should not be dismissed (Rocha 2014).

The recent record of dry and open habitat species in areas formerly covered by humid forests suggests that some species may have been expanding their ranges due to human activity. This is the case of species such as *Columbina picui*, *Nystalus maculatus*, *Ramphastos toco, Nyctidromus hirundinaceus, Polioptila plumbea*, *Compsothraupis loricata, Myrmochilus strigilatus* and *Icterus jamacaii*, commonly found in the Caatinga (mostly tropical thorny woodland) and/or Cerrado (mostly tropical woody savannas) regions. The probable cause of these range shifts is the generalized suppression of the original Atlantic forest and its consequent replacement by drier, secondary forests fragments (Brandt 1992; Vasconcelos *et al.* 2003b; Venturini & Paz 2003). Invasion of the areas formerly covered by the Atlantic Forest in southeastern Brazil has been well-documented for *Cyanoxorax cristatellus*, a species usually considered endemic to the Cerrado (Lopes 2008).

The Rio Doce avifauna is experiencing a dramatic change in their composition mainly due to human activity. The family Tinamidae illustrates well what happened in the basin during the last century: the substitution of forest and sensitive avifauna by open or semi-open avifauna, highly adapted to disturbed sites. For example, all but *Crypturellus obsoletus* tinamous forest species are nowadays only found in large and protected areas, revealing a dramatic change on its abundance and local distribution caused by deforestation and hunting. On the other hand, *Rhynchotus rufescens* is largely expanding its range in the basin, being now easily found in areas formerly forested (Srbek-Araújo & Chiarello 2008); all records of this open-area tinamou were obtained after 1993.

Species accounts

In this section we discuss some important and noteworthy records for the RDB. For a list of acronyms used in this section, see Appendix B.

1. *Mergus octosetaceus* - the only record of this species for the entire basin is a single individual observed several times in Parque do Itacolomi from 24 April to

August 2004 (Cerqueira Júnior *et al.* 2004; Paula *et al.* 2008). This bird presented atypical morphology, with “mandible marked smaller than the maxilla” and “a well visible gap in the feathers of the top of the head” (Paula *et al.* 2008). Intensive searches in the region failed to locate further individuals and the hypothesis that this bird could represent an escape from captivity or a vagrant could not be rejected. Interviews with local people revealed to independent reports of the species, providing some hope that a small relictual population of the species may still persists in the region (Paula *et al.* 2008).

Penelope spp. - The two species of guans recorded in southeastern Brazil are commonly observed in highly disturbed forest fragments, some of them with less than 10 ha. Nevertheless, this is only true in areas where hunting pressure is low. The two species of guans recorded here were commonly observed in RDB or in nearby areas inhabiting urban parks or even visiting orchards in the municipalities of Belo Horizonte, Nova Lima, Viçosa, and Dores do Rio Preto, in areas with low or no hunting pressure. Our observations in Minas Gerais suggest that these species present low sensitive to habitat fragmentation but are highly sensitive to hunting pressure.

Aburria jacutinga - Although this species was cited for the PB by Collar et al. (1992) and Machado et al. (1998), there is no confirmed record of this species in this conservation unit (Mattos & Simon 1994; Machado *et al.* 1998; Valério *et al.* 2015). This record is probably a misinterpretation of a personal communication of G.T. Mattos to Collar et al. (1992). Mattos (pers. com.) informed us that he never recorded this species in het park, and that there are only doubtful reports by local residents on the presence of this species in "Pico do Boné", the second highest peak (~1860 m) in the Serra do Brigadeiro. This species has been reintroduced in the RPPN Fazenda Macedônia (Silveira *et al.* 2008; Andrade *et al.* 2011).

Crax blumenbachii – this species is now very rare throughout its range and restricted to few conservation units (Silveira *et al.* 2004). It was told to be rare since 1820’s, as expressed by Saint-Hilaire (1975), who said that “this species had now become very rare, and I could not obtain any specimen during my entire expedition” (translated from Portuguese), which lasted for about six years. It was also considered extremely rare in RE in the first half of the 20th century (Pinto 1945). The only hope for this species seems to be its reproduction in captivity followed by its reintroduction in the wild, as successfully attempted in the RPPN Fazenda

Macedônia and Peti (Machado *et al.* 1998; Silveira *et al.* 2004; Faria *et al.* 2006; Andrade *et al.* 2011).

Syrigma sibilatrix - this open habitat species was only recorded in the middle Rio Doce in the 1990's but today it can be found throughout the entire RDB. The species seems to be expanding its range due to deforestation (Venturini & Paz 2003; Blamires *et al.* 2005).

Ciconiidae spp. - The three species of Ciconiidae recorded in this study are commonly found throughout much of Brazil (Sick 1997), but does not seem to regularly occur in the RDB, from where no breeding record is known to the best of our knowledge. All three species are known from only one locality, and generally solitary individuals were observed. The specimen of *Mycteria americana* originally in the MZJMO was recently donated and is no more in the museum (R. Ribon pers. com.). There is an adult *Jabiru mycteria* specimen with no label deposited in UFOP that was possibly collected in MA (Vasconcelos *et al.* 2014), where the species was recently recorded (Andrade & Andrade-Greco 2000).

Accipiter poliogaster - until recently considered to be extinct in Minas Gerais (Machado *et al.* 1998), this species was observed by Zorzin et al. (2006) in the Parque Estadual do Rio Doce. There are few additional recent records of this species for Minas Gerais (Zorzin *et al.* 2006). The specimen MBML 2046 (Jataipeba, Linhares, 1 Jan 1971) and the specimen MZJMO 774 (Viçosa, 25 Jan 1935) are in the juvenal plumage, with their distinctive rufous nuchal collar extending onto sides of neck and chest (Ferguson-Lees & Christie 2001). These are two of the few young specimens known from the Atlantic Forest.

Ara chloropterus - This species was formerly common in eastern Brazil but has now been extirpated from the coastal Atlantic Forest (Sick 1997; Juniper & Parr 1998). This species was frequently hunted in the lower Rio Doce at the beginning of the 19th century, when its meat was eaten, and its feathers were used by indigenous people as ornament (zu Wied-Neuwied 1821). In 1940's it was already uncommon in Rio São José (Pinto 1945). In middle Rio Doce, this species was recorded by Carnevalli & Mattos (undated) and Forrester (1993) in the Parque Estadual do Rio Doce. Mattos (pers. com.) told us that never recorded this species in PD, but that local residents reported to him three red macaws flying over the forest in the 1970's. On 2012 LEL observed a pair of *A. chloropterus* and a single *A. ararauna* living free

as a pet in a neighbor farm. These birds were sometimes observed flying over the access road to the Parque Estadual do Rio Doce. The scarce evidence available does not support the a relictual population of *Ara chloropterus* in the middle Rio Doce in the second half of the 20th century, and the records available probably refer to introduced birds or escapes from captivity.

Pionopsitta pileata - the most inland record of this species in the RDB is from Parue Estadual da Serra do Brigadeiro (Machado *et al.* 1998; Simon *et al.* 1999). Nevertheless, a specimen found in UFOP without label suggests that this species reached Mariana region in the past (Vasconcelos *et al.* 2014).

Neomorphus geoffroyi – even though this species is exhaustively cited in the literature as occurring in Parque Estadual do Rio Doce, almost all of those records were not original, and few people have been fortunate enough to actually observed *N. geoffroyi* in the field. Mattos (pers. comm.) recorded this species in the Lagoa do Juquito, in the interior of Parque Estadual do Rio Doce, in the 1979/1980. Recent records of the species for the PD were summarized by Teixeira et al. (2014).

Pulsatrix spp. - The subspecies *Pulsatrix p. pulsatrix* is restricted to lowlands in eastern Brazil and Paraguay, and is sometimes considered as full species (Holt *et al.* 1999; Dickinson 2003; König & Weick 2008). Unlikely the nominotypical form, this subspecies presents pale creamy-buff rather than white eyebrow (Willis & Oniki 2003; König & Weick 2008), what make it similar looking with *P. koeniswaldiana*, which has yellowish-tawny eyebrow. *Pulsatrix koeniswaldiana* is usually found at higher elevations, but also reaches lowlands (specimens in MBML from Linhares). Both species are rarely found side by side, as in Parque Estadual do Rio Doce (L.F. Silveira pers. com.). The best way to diagnose both species is by their toes, which are naked in *P. koeniswaldiana* and feathered in *P. perspicillata* (Holt et al. 1999; Willis & Oniki 2003; König & Weick 2008).

Nyctidromus hirundinaceus - The subspecies recorded in the basin is *C. h. vielliardi*, which is restricted rock outcrops covered by xeric vegetation that resembles the north-eastern Brazilian Caatinga (Ribon 1995; Vasconcelos 1998; Vasconcelos & Lins 1999; Ingels *et al.* 2014). A toxonomic revision of *N. hirundinaceus* is still needed to understand geographic variation of its three subspecies and a possible elevation of *N. h. vielliardi* as a full species restricted to Atlantic Forest inselbergs.

Trogon surrucura - all records of this species to the RDB belongs to the yellow-bellied form, *T. s. aurantius*.

Trogon collaris – the male specimen LACM 60054, collected by H. Berla in Rio Matipó, Raul Soares, on 21 September 1957, is the first published record of the species for the state of Minas Gerais. This bird was long misidentified as *T. curucui,* until Joseph M. Forshaw corrected its identification in back in the 1980's (Kimball L. Garrett, pers. comm.). The subspecies found in eastern Brazil is *T. c. castaneus*, which formerly inhabited the coastal humid forests in the Atlantic Forest from the states of Alagoas to Rio de Janeiro (Forshaw, 2009), but that it is now rare and patchily distributed.

Jacamaralcyon tridactyla - Although listed as Vulnerable by BirdLife-International (2018) due to a major decline on its populations, which are very small and fragmented, this species was surprisingly common in the middle Rio Doce valley, living and even reproducing in highly disturbed sites (Machado *et al.* 1995; Silveira & Nobre 1998). One nest of this species was observed by LEL near the PD and six other nests were found in the municipality of Açucena, near the Rio Corrente Grande. Those nests were excavated in soil banks (road cuts) along dirt roads crossing fragments of secondary forests. One nest was excavated inside a gully in the neighborhood of an orchard with almost no forest cover on its vicinities.

Ramphastos toco - This species only recently colonized the VR (G.T. Mattos pers. com.). The records of Moojen (1941) for VR in the 1930's are probably an error (see *Crypturellus undulatus* in Appendix E for discussion).

Veniliornis spp. - *Veniliornis passerinus* is generally found in the upper Rio Doce, in the drier semideciduous forests, while *V. maculifrons* is found in semideciduous forests of the middle Rio Doce valley, reaching lowlands in Santa Teresa and Linhares. In the lowland evergreen forests of eastern Brazil, *V. affinis* is generally the species recorded. When examining a large series of *V. maculifrons* housed in MBML, we noted that all specimens from the highlands of Santa Teresa are in fact referable to *V. maculifrons*, but specimens from lowlands exhibited various degrees of intermediacy between *V. maculifrons* and *V. affinis*. Specimens from Linhares environs are particularly problematic, and almost none of the 16 specimens examined could be referred with certainty to either *V. affinis* or *V. maculifrons*. Possible hybrids are indicated in the Appendix D. Specimens from south (Santa Cruz,

Aracruz) and northern areas (Fazenda Kablin, Conceição da Barra) also show signs of hybridization. The occurrence of a hydrid zone between these species in Linhares environs has previously been highlighted by Sick (1997).

Thamnophilus caerulescens and *T. ambiguus* - these species are usually segregated by altitude. *Thamnophilus ambiguus* is found in lowlands, while *T. caerulescens* is found in uplands. At 300–500 m, both species are in simpatry, sometimes inhabiting the same forest patch, as we observed, for example, in degraded forest fragments in the Rio São Manuel, Mutum.

Myrmorchilus strigilatus - this species is only known in the RDB in the Parque Estadual do Pico do Itambé (Vasconcelos 2002a). It generally inhabits the dry caatingas of northeastern Brazil, and was only quite recently known to occur along the Espinhaço Range, where it is apparently common (Vasconcelos & D'Angelo Neto 2007). A similar pattern of distribution was recently described for *Sakesphorus cristatus* (Marini & Lopes 2005), another antbird typical of northeastern Brazilian Caatinga.

Clibanornis rectirostris - previously considered endemic to the Cerrado region (Silva 1997), this species extends its range in the Caatinga (Vasconcelos *et al.* 2015) as well as in the Atlantic Forest throughout the systems of gallery forests. This phenomenon was also observed along the Rio Verde gallery forests, in southern Minas Gerais (Lopes 2006). An inverse pattern was described by Silva (1996) for Atlantic and Amazonian forest birds, which invaded the Cerrado throughout the gallery forests system.

Onychorhynchus swainsoni - there is only one record of this species for the entire basin. G. T. Mattos (pers. com.) reported a close observation of this species in the Mata da Silvicultura, Viçosa, in 1967/1968 that was cited elsewhere (Monteiro *et al.* 1983; Simon & Ribon 1997). He never recorded this species again and believed that it was a vagrant bird.

Myiobius spp. - both species occurs in the RDB, but they are partly segregated by altitude. *M. barbatus mastacalis* is generally found in lowlands and mid-elevations in Espírito Santo, reaching Minas Gerais in the lowland forests of the Rio Doce valley. One of the few records for the mountains of Minas Gerais is from Fazenda Bocaina, in the foothills of Serra do Caraça (M.F. Vasconcelos, pers. obs), based on a collected specimen (MCNA 4040). On the other hand, *M. atricaudus*

ridwayi is usually found at mid-elevations and highlands of Minas Gerais (above 1,300 m at Serra do Caraça), reaching the mountainous areas of Espírito Santo, where it is sympatric with *M. barbatus mastacalis* (Willis & Oniki 2002).

Hirundo rustica - records of this migratory species in the upper Rio Doce are from October (Erickson & Mumford 1976). Specimens in MBML from lower Rio Doce and adjacent coastal Espírito Santo (18 specimens with collecting date) are from 12 October to 23 February.

Schistochlamys melanopis - This is a common species in the central-north Brazil, with a disjunct population along the coast (Ridgely & Tudor 2009), where it is found in the restingas of Linhares. *Schistochlamys melanopis* is usually not found in the Atlantic Forest, where *S. ruficapillus* occurs at forest borders, young second growth, and high altitude grasslands (Lopes & Gonzaga 2014).

Microspingus cinereus – considered endemic to the Cerrado (Silva & Bates 2002), it was recently suggested that this species is expanding its range over eastern Brazil (Ribon 2002), where it was observed inhabiting abandoned pastures in the PB (Simon *et al.* 1999). Nevertheless, a specimen collected in Viçosa Region in 1936, and deposited in MNRJ, indicate that this species was present in the area much earlier. For comparison, *Ramphastos toco* and *Cyanocorax cristatellus*, two Cerrado birds and well-known colonizers of disturbed areas, reached Viçosa Region only in the last 15–20 years (G.T. Mattos pers. com.) and *Brotogeris chiriri* reached the Serra do Caraça region only in the last decade (M.F. Vasconcelos, pers. obs.). These data suggest that *M. cinereus* inhabited the VR prior to forest suppression, but being probably restricted to higher areas, above the tree line.

Embernagra longicauda - recorded by G.T. Mattos (pers. comm.) in Serra do Macuco (ca. 19°57'S, 42°50'W), near the Parque Estadual do Rio Doce. This is one of the few records of the species for the middle Rio Doce (Vasconcelos *et al.* 2003a; Alves *et al.* 2009; Lopes *et al.* 2016).

Sporophila ardesiaca – the validity of this species is open to doubt. It is considered by different authors as a full species, a subspecies, a color morph or a hybrid between *S. nigricollis* and *S. caerulescens* (Sick 1962; Ridgely & Tudor 2009; Dickinson & Christidis 2014). The large area of sympatry between the three forms in the RDB and the distinct taxonomic treatment given by different authors to the form *ardesiaca*, records of both species are certainly messed in our database. A brief

analysis of a large series of this group deposited in DZUFMG revealed some birds intermediate in plumage between the three forms, indicating the necessity of further taxonomic studies.

Myiothlypis flaveola - this species inhabits the dry and semideciduous forests of central Brazil, occurring only marginally in the RDB (Ridgely & Tudor 2009). The only record of this species for middle Rio Doce is one specimen collected by H. Berla in RS (LACM 60167). The original forest of Raul Soares was unusually humid for this species (see above for *Trogon collaris*). We hypothesize that an isolated population of this species inhabits the dry forests which growth on shallow soils atop rock outcrops in the region (see above for *Nyctidromus hirundinaceus*).

Icterus jamacaii - all confident records of this species for the basin are posterior to 1992, indicating that it is a recent colonizer, inhabiting the secondary and dry forest borders, benefiting from deforestation. There is one old record of this species for Viçosa region of Moojen (1943), specimen MNRJ 7731, who observed that the bird was very docile, probably indicating that this very popular cagebird escaped from captivity. Specimens from Santa Teresa deposited in MBML, collected in the 1970' and 1980's were probably cagebirds.

Molothrus rufoaxillaris – we examined a female collected in Viçosa among a flock of *M. bonariensis* in 12 October 1993 by Paulino Mattos and that was housed in the personal collection of G.T. Mattos. Further records of the species for the RDB are from Serra do Caraça and Reserva Natural Vale. This species, formerly restricted to Uruguay, southern Brazil, northern Argentina, and Paraguay (Ridgely & Tudor 2009), has dramatically expanded its range northward during the last decades (D'Angelo Neto 2000; Kirwan *et al.* 2001; Willis & Oniki 2003).

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APPENDICES

APPENDIX A. Photographs of the landscapes of the Rio Doce Basin.

Plate 1. Natural landscapes in the Rio Doce Basin. **A)** Campos rupestres in the Parque Nacional da Serra do Cipó, along the watershed between the Rio Doce and Rio São Francisco; **B)** Tabuleiro waterfall, the third largest Brazilian waterfall, with 273 m, located in the Parque Estadual Serra do Intendente; **C)** Campos rupestres and seasonal semideciduous forests in the RPPN Santuário do Caraça; **D)** Dom Helvécio lake, the largest lake (~670 ha) of the Parque Estadual do Rio Doce; **E and F)** Primary semideciduous forest in the Parque Estadual do Rio Doce; **G and H)** Campos de altitude in the Parque Nacional do Caparaó; **I)** Xeric vegetation growing atop a granitic inselberg in the municipality of Mutum; **J)** Lagoa do Macuco in the Reserva Biológica de Sooretama; **K)** Rain forest in the Reserva Biológica de Sooretama; **L)** Open restinga growing on a sandy beach ridge in the mouth of Rio Doce. Photographs by Leonardo Lopes (A, B, D-F, and I), Michelle Noronha (J, K), Felipe Leite (L), and Marcelo Vasconcelos (C, G, and H).

Plate 2. Anthropic landscapes in the Rio Doce Basin. A) Burned secondary semideciduous forest in process of regeneration in the municipality of Araponga; **B)** eroded soil bank along roadside in the municipality of Açucena; **C and D)** Degraded pasture in Açucena; **E)** Man-made pasture with granitic inselbergs in the municipality of Mutum; **F)** Degraded pasture and suppressed riparian forest in Mutum; **G–I)** wreckage in the county of Bento Rodrigues, one year after the passage of the sludge tsunami caused by the rupture of a mining dam; the child doll symbolizes the 19 deaths caused by this environmental disaster; **J)** the now heavily silted Risoleta Neves dam, where about 20 million m^3 of sediment were trapped after the rupture of the mining dam; **K)** the clear waters from a tributary empties into the muddy, sediment rich, water of the Rio Doce one year after the accident; **L)** View of the Rio Doce from the Parque Estadual do Rio Doce. The riparian forests have been almost completely extirpated from the opposite bank, giving place to eucalyptus plantations. Photographs by Leonardo Lopes (A–F, L) and Felipe Leite (G–K).

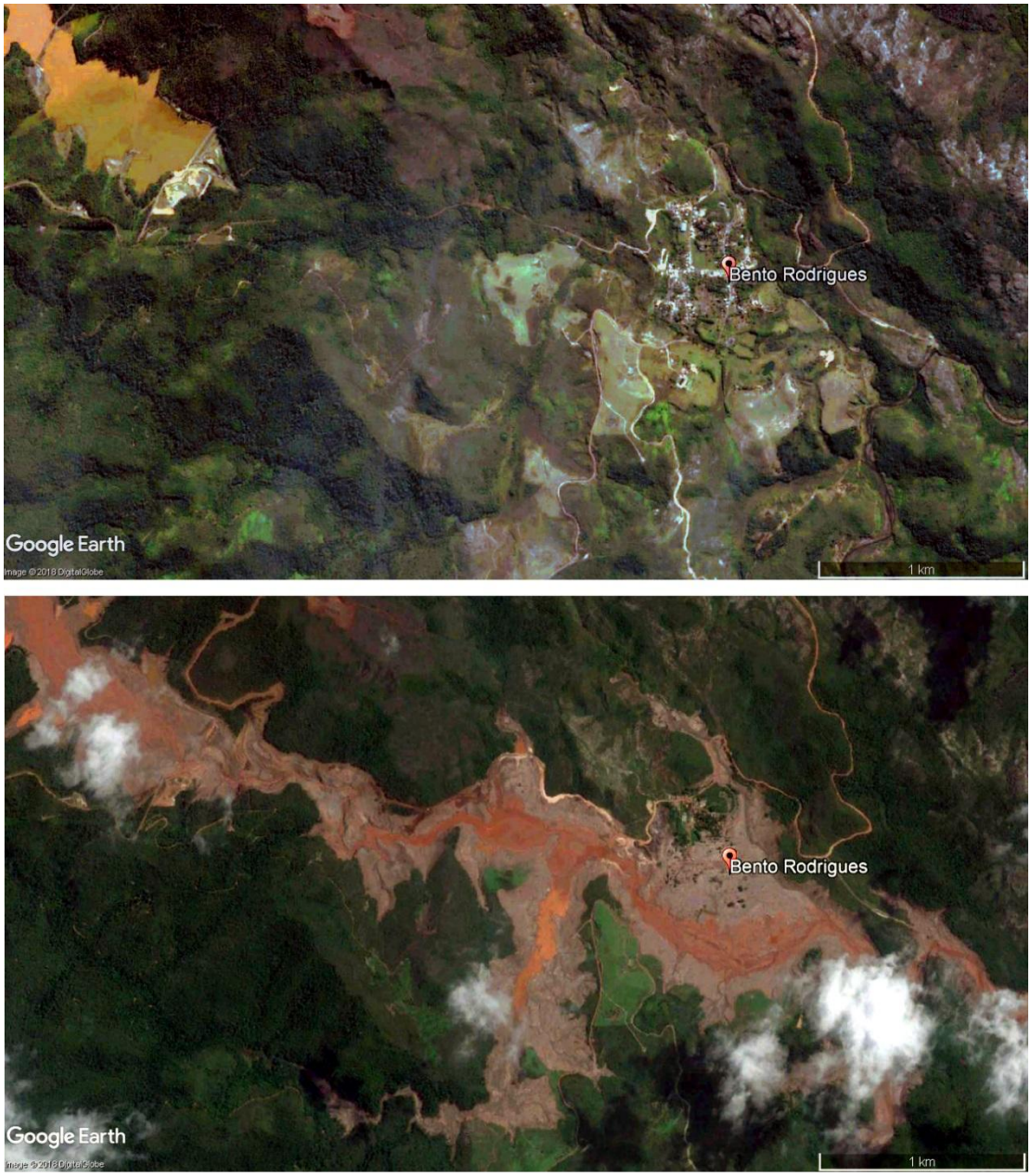

Plate 3. Satellite images depicting the county of Bento Rodrigues, in the upper Rio Doce, just before (20 July 2015) and after (24 December 2015) the rupture of the Fundão mining dam, which released a sludge tsunami. This was the worst environmental disaster in Brazilian history. Source: Google Earth™.

APPENDIX B. Acronyms of the zoological collections cited along the text and their locations.

Acronym	Zoological collection	Location
AMNH	American Museum of Natural History	New York, USA
ANSP	The Academy of Natural Sciences of the Drexel University	Philadelphia, USA
BLB	Borror Laboratory of Bioacoustic of the Ohio State University	Columbus, USA
COMB	Coleção Ornitológica Marcelo Bagno, Universidade de Brasília	Brasília, Brazil
CLO	Macaulay Library at the Cornell Lab of Ornithology	New York, USA
CM	Carnegie Museum of Natural History	Pennsylvania, USA
DZUFMG	Departamento de Zoologia da Universidade Federal de Minas Gerais	Belo Horizonte, Brazil
FMNH	Field Museum of Natural History	Chicago, USA
FNJV	Fonoteca Neotropical "Jacques Vielliard"	Campinas, Brasil
LACM	Los Angeles County Museum of Natural History,	Los Angeles, USA
LMJ	Steiermärkisches Landesmuseum Joanneum	Graz, Austria
LSUMZ	Louisiana State University Museum of Natural Science	Baton Rouge, USA
MBML	Museu de Biologia Professor Mello Leitão	Santa Teresa, Brazil
MC	Musée des Confluences	Lyon, France
MCNA	Museu de Ciencias Naturais da Pontifícia Universidade Católica de Minas Gerais	Belo Horizonte, Brazil
MCZ	Museum of Comparative Zoology	Cambridge, USA
MHNT	Museu de História Natural de Taubaté	Taubaté, Brazil
MHN	Muséum d'Histoire Naturelle Neuchâtel	Neuchatel, Sweden
MHNJB	Museu de História Natural e Jardim Botânico da Universidade Federal de Minas Gerais	Belo Horizonte, Brazil
MNHN	Muséum National d'Histoire Naturelle	Paris, France
MNRJ	Museu Nacional	Rio de Janeiro, Brazil
MPEG	Museu Paraense Emílio Goeldi	Belém, Brazil
MPh	Escola de Pharmacia de Ouro Preto, UFOP	Ouro Preto, Brazil
MUHNAC	Museu Nacional de História Natural e da Ciência	Lisboa, Portugal
MVZ	Museum of Vertebrate Zoology	Berkeley, USA
MWNH	Museum Wiesbaden: Natural History State Collection	Wiesbaden, Germany
MZJMO	Museu de Zoologia João Moojen de Oliveira, Universidade Federal de Viçosa	Viçosa, Brazil
MZLU	Lund Museum, Zoological Collections	Lund, Sweden
MZUSP	Museu de Zoologia, Universidade de São Paulo	São Paulo, Brazil
NHMW	Naturhistorisches Musem Wien	Vienna, Austria

Acronym	Zoological collection	Location
NKMBA	Naturkunde-Museum Bamberg	Bamberg, Germany
NMR	Naturhistoriska riksmuseet Swedish Museum of Natural History	Stockholm, Sweden
RMNH	Naturalis Biodiversity Center	Leiden, Netherlands
UF	Florida Museum of Natural History	Florida, USA
UFMT	Universidade Federal de Mato Grosso	Cuiabá, Brazil
UFOP	Faculdade de Farmácia, Universidade Federal de Ouro Preto	Ouro Preto, Brazil
UMMZ	University of Michigan Museum of Zoology	Ann Arbor, USA
USNM	National Museum of Natural History, Smithsonian Institution	Columbia, USA
UUZM	Uppsala University, Museum of Evolution, Zoology section	Uppsala, Sweden
UWYMV	University of Wyoming Museum of Vertebrates	Wyoming, USA
YPM	Yale Peabody Museum of Natural History	Connecticut, USA
ZISP	Zoological Institute, Russian Academy of Sciences	Saint Petersburg, Russia
ZMB	Museum für Naturkunde	Berlin, Germany
ZMUC	Zoologisk Museum, Københavns Universitet	Copenhagen, Denmark
ZSM	Zoologische Staatssammlungen Museum	Munich, Germany
ZUEC	Museu de Zoologia Professor Adão José Cardoso, Universidade de Campinas	Campinas, Brazil

APPENDIX C. Gazetteer of the localities sampled in the Rio Doce Basin, southeastern Brazil, indicating the three letter codes and the Latitude and Longitude of each locality.

Code	Locality	LAT	LONG
AAA	12 km ao Norte de Itauninha	-19.0439	-40.5550
AAB	Abre Campo	-19.4802	-40.9898
AAC	Acaiaca	-19.7902	-42.3456
AAD	Acamari	-19.7303	-40.8388
AAE	Açucena	-19.6699	-41.9303
AAF	Afonso Cláudio	-19.7732	-42.0517
AAG	Agros	-19.9650	-40.5403
AAH	Águia Branca	-20.1872	-41.7315
AAI	Aimorés	-19.8005	-42.0555
AAJ	Alegria	-19.7800	-41.8645
AAK	Alpercata	-18.8492	-41.7497
AAL	Alto Caldeirão	-19.7667	-42.6500
AAM	Alto da Penha	-19.7667	-42.6500
AAN	Alto do Palácio	-19.8250	-41.7958
AAO	Alto do Rio Perdido, Pedra Alegre	-19.3981	-40.0653
AAP	Alto Jatibocas	-19.9377	-40.5990
AAQ	Alto Jequitibá	-19.9726	-42.2586
AAR	Alto Rio Doce	-19.8770	-42.1687
AAS	Alto Rio Doce, Ponte Nova	-19.9286	-40.5889
AAT	Alto Rio Novo	-19.9101	-42.5315
AAU	Alto Santa Rosa	-19.6215	-40.8886
AAV	Alto Santo Antônio	-19.7688	-41.9325
AAW	Alto Tabocas	-20.0462	-41.0461
AAX	Alvarenga	-19.7795	-42.8182
AAY	Alvinópolis	-20.0006	-42.5076
AAZ	Alvorada de Minas	-19.9866	-42.4667
ABB	Amparo do Serra	-19.1481	-42.9282
ABC	Antônio Dias	-19.8288	-42.4374
ABD	Aparecidinha	-19.5954	-40.7490
ABE	Araponga	-20.1066	-42.2096
ABF	ArcelorMittal	-18.0343	-41.6823
ABG	Área de influência da Usina Hidrelétrica Eliezer Batista	-19.6857	-40.8379
ABH	Área de Influência Direta da Mina do Sapo	-20.7260	-42.6897
ABI	Área Rural da futura barragem de rejeito	-19.6022	-40.6791
ABJ	Área Rural de Açucena	-19.6911	-41.2318
ABK	Área Rural de Alvorada de Minas	-19.3803	-42.3277
ABL	Área Rural de Barão de Cocais	-19.9215	-43.3919
ABM	Área Rural de Brejetuba	-19.8139	-41.4976
ABN	Área Rural de Ferros	-19.4491	-39.9827
ABO	Área Rural de Guanhães	-19.9372	-40.5992

ABP	Área Rural de Itabira	-19.0075	-40.1164
ABQ	Área Rural de Itambé do Mato Dentro	-19.1667	-41.5000
ABR	Área Rural de Laranja da Terra	-19.4811	-41.7879
ABS	Área Rural de Mariana	-20.1075	-42.5050
ABT	Área Rural de Morro do Pilar	-19.8724	-40.8798
ABU	Área Rural de Paula Cândido	-19.8833	-43.3500
ABV	Área Rural de Piedade de Caratinga	-19.8200	-42.6336
ABW	Área Rural de Santa Maria de Itabira	-19.7667	-42.6500
ABX	Área Rural de São Pedro do Suaçuí	-19.7667	-42.65
ABY	Arredores de Cocais, Mina de Brucutu	-19.7667	-42.6500
ABZ	Avenida José Ruschi	-19.2558	-42.3343
ACC	Bairro Alvorada	-19.7384	-40.8112
ACD	Bairro Betânia	-19.2167	-43.4833
ACE	Bairro Carlos Germano Naumann	-19.1885	-40.2814
ACF	Bairro Centenário	-19.6583	-41.0583
ACG	Bairro do Eco	-19.7389	-42.2460
ACH	Bairro Dois Pinheiros	-19.3912	-42.0701
ACI	Bairro João Braz	-19.8517	-42.9918
ACJ	Baixo Guandu	-19.8693	-41.9107
ACK	Baixo Guandu (16 km south)	-19.8833	-42.5500
ACL	Baixo Piracicaba	-19.9105	-41.5745
ACM	Baixo Piracicaba (Estação de Calado)	-19.7979	-40.6638
ACN	Baixo Rio Guandu (includes Fazenda da Serra)	-19.6196	-41.9483
ACO	Bananal	-19.9215	-42.6910
ACP	Bananal Sul	-19.4022	-40.0458
ACQ	Barão de Cocais	-19.9166	-42.3501
ACR	Barão de Cocais, near the border with Santa Bárbara	-19.5222	-42.6722
ACS	Barão de Cocais, near the border with Caeté	-18.9500	-42.4833
ACT	Barão de Cocais, over the MG 436 road	-19.9500	-41.4167
ACU	Barra do Rio Doce (= Regência)	-19.2738	-42.3565
ACV	Barra do Rio Perdido	-20.0044	-43.1914
ACW	Barra Encoberta	-20.3920	-42.4978
ACX	Barra Longa	-20.1928	-42.0452
ACY	Barra Seca, Linhares	-20.1933	-42.6030
ACZ	Barra Seca, Sooretama	-20.0833	-43.4667
ADD	Barraco de Tábua, Parque Nacional Serra do Cipó	-20.0300	-42.9480
ADE	Barragem da Mina Anglo-Ferrous	-20.7589	-42.8661
ADF	Barragem de rejeitos da Mina do Sapo	-19.2032	-39.7076
ADG	Barragem do Germano	-19.7382	-40.9323
ADH	Barro Branco	-19.4491	-39.9827
ADI	Barro Novo	-19.7504	-41.3941
ADJ	Bebedouro	-19.7437	-42.6648
ADK	Beira Rio	-20.0712	-43.4439
ADL	Bela Vista de Minas	-19.5321	-42.8101

ADM	Belo Oriente	-19.7254	-42.2018
ADN	Bento Rodrigues	-20.0833	-43.4667
ADO	Boa Espera	-20.0391	-43.4703
ADP	Bôa Família	-20.0833	-43.4667
ADQ	Bom Jardim de Cima	-20.0833	-43.4667
ADR	Bom Jesus do Amparo	-19.9074	-41.7131
ADS	Bom Jesus do Galho	-19.9410	-41.8553
ADT	Boné Community	-20.0833	-43.4667
ADU	BR-262, km 196, Bairro Serra do Egito	-20.0833	-43.4667
ADV	Brás Pires	-19.9193	-41.8036
ADW	Braúnas	-20.6839	-43.2695
ADX	Brejetuba	-19.8934	-42.3448
ADY	Bugre	-20.1558	-43.1684
ADZ	Bugrinha	-19.9377	-40.5990
AEE	Cabeça de Boi	-19.9260	-42.4018
AEF	Cachoeira do Baú	-20.0833	-43.4667
AEG	Cajuri	-19.8838	-42.6796
AEH	Caldeirão	-19.5454	-41.7915
AEI	Campanário	-19.5938	-42.9017
AEJ	Campo Redondo	-20.2867	-42.7618
AEK	Campus da Universidade Federal de Viçosa	-19.8185	-42.0449
AEL	Canaã	-19.9549	-42.1618
AEM	Canivete	-20.0407	-42.2378
AEN	Cantagalo	-18.6718	-43.0882
AEO	Capela Nova	-19.9344	-42.1739
AEP	Capitão Andrade	-19.0384	-42.1901
AEQ	Caputira	-19.9262	-42.3041
AER	Caranaíba	-20.2335	-43.3089
AES	Caratinga	-19.9421	-42.2155
AET	Carmésia	-20.1448	-42.6340
AEU	Catas Altas	-19.7896	-41.9502
AEV	Catas Altas da Noruega	-20.0236	-41.7677
AEW	Cava Grande	-20.3808	-42.9943
AEX	Centro, Colatina	-20.0331	-43.0060
AEY	Centro, Conceição do Mato Dentro	-19.6822	-43.2339
AEZ	Centro, Santa Teresa	-19.6912	-41.5472
AFF	Chalé	-20.1948	-41.9247
AFG	Chapada do Canga	-19.7463	-41.3170
AFH	Cidade Jardim (= Criciúma)	-20.1731	-42.5718
AFI	Cipotânea	-20.1194	-41.9882
AFJ	Cocais	-19.7436	-41.5190
AFK	Coimbra	-20.1252	-41.7922
AFL	Colatina	-19.8274	-42.0028
AFM	Colatina, Linhares, Norte do Rio Doce	-19.6191	-41.8708

AFN	Colônia do Milanês	-19.7667	-42.6500
AFO	Complexo Gongo Soco	-19.8250	-43.0000
AFP	Conceição de Ipanema	-20.6851	-43.2873
AFQ	Conceição do Mato Dentro	-20.0432	-42.3185
AFR	Conceição do Mato Dentro/Belo Horizonte road	-19.8984	-41.2807
AFS	Conceição do Rio Acima	-19.9377	-40.5990
AFT	Condomínio Parque do Ipê	-19.9377	-40.599
AFU	Conselheiro Pena	-19.9681	-42.1779
AFV	Coroaci	-20.5828	-43.0133
AFW	Coronel Fabriciano	-19.9647	-41.5774
AFX	Córrego Alegre	-19.9377	-40.5990
AFY	Córrego Braço do Sul, Rio São José	-19.8716	-41.0615
AFZ	Córrego Buracão	-19.3371	-40.2607
AGG	Córrego Cupido	-19.8158	-41.8819
AGH	Córrego do Esquadro, 4 km E da sede municipal	-20.0833	-43.4667
AGI	Córrego do Machado	-19.8266	-42.1083
AGJ	Córrego do Peixe	-19.6979	-40.7498
AGK	Córrego do Sabiá	-19.6719	-41.0924
AGL	Córrego do Ubá	-19.1351	-42.9476
AGM	Córrego Farias	-19.7462	-42.0543
AGN	Córrego Joeirana	-19.7827	-42.0905
AGO	Córrego Novo	-19.6460	-42.4971
AGP	Córrego Passa Sete	-19.7667	-42.6500
AGQ	Córrego Preto	-19.6933	-42.3477
AGR	Córrego salgadinho, a cerca de 3 km de Padre Viegas na estrada que vai para "Barro Branco, Mainarte"	-19.9372	-40.5992
AGS	Córrego Santana, Colatina	-20.0661	-42.0731
AGT	Córrego Santarém	-19.5686	-40.8244
AGU	Cuparaque	-20.4615	-42.5758
AGV	Destacamento de Controle do Espaço Aéreo	-20.8067	-42.8736
AGW	Desterro do Melo	-20.0218	-42.1216
AGX	Diogo de Vasconcelos	-19.9377	-40.5990
AGY	Dionísio	-19.6270	-41.8649
AGZ	Distrito de Meloso	-20.1386	-43.4003
AHH	Distrito Pedra Menina	-20.0193	-42.1314
AHI	Divino das Laranjeiras	-19.8112	-40.8507
AHJ	Dom Cavati	-19.6625	-41.9752
AHK	Dom Joaquim	-19.9995	-42.0931
AHL	Dom Silvério	-19.7352	-41.5960
AHM	Dores de Guanhães	-19.6373	-41.1417
AHN	Dores do Turvo	-19.8531	-41.8710
AHO	Duas Barras	-19.9377	-40.5990
AHP	Durandé	-19.7107	-42.1806
AHQ	Engenheiro Caldas	-19.2706	-41.5550
AHR	Entorno da Mata do Paraíso	-19.9377	-40.599

AHS	Entorno da Reserva Biológica Augusto Ruschi	-19.7298	-41.3733
AHT	Entorno do Parque Estadual da Serra do Brigadeiro	-19.3386	-40.0725
AHU	Entorno do Parque Estadual do Rio Doce	-19.3345	-40.0818
AHV	Entorno dos Cinco Pontões	-19.7004	-41.3544
AHW	Entre Águia Branca e Barra de São Francisco	-19.9377	-40.5990
AHX	Entre Expedicionário Alécio e Conceição do Capim	-20.7521	-42.8795
AHY	Entre Folhas	-19.5167	-42.8405
AHZ	Entre Manhuaçu e São João do Manhuaçu	-20.7521	-42.8795
AII	Entre Santa Rita do Durão e Beto Rodrigues	-20.0351	-42.1526
AIJ	Ervália	-19.7230	-41.2735
AIK	Escola Agrotécnica Federal de Colatina	-19.8960	-40.5524
AIL	Escola Agrotécnica, São João do Petrópolis	-19.7849	-40.9896
AIM	Escola Superior São Francisco de Assis (ESFA)	-19.9377	-40.5990
AIN	Estação Biológica de Santa Lúcia	-19.8576	-41.6036
AIO	Estação Biológica de Santa Teresa	-19.2500	-43.5167
AIP	Estação Biológica de São Lourenço	-19.8890	-42.1568
AIQ	Estação Biológica Mata do Sossego	-19.8659	-41.6796
AIR	Estação de Pesquisa e Desenvolvimento Ambiental de Peti	-19.8205	-41.7674
AIS	Estação Velha	-19.9377	-40.5990
AIT	Estrada Cascatinha	-19.9377	-40.5990
AIU	Estrada de Ferro Vitória-Minas	-19.6846	-40.4891
AIV	Estrada de Santa Teresa a Santa Maria a 3 Km de Santa Teresa	-19.4314	-40.3792
AIW	Estrada do Caraça	-20.2906	-43.4271
AIX	Estrada Secundária Mina do Andrade	-20.7521	-42.8795
AIY	Eucalipto Cia. Vale do Rio Doce	-20.7521	-42.8795
AIZ	Farias	-20.7521	-42.8795
AJJ	Fazenda Água Limpa	-20.7521	-42.8795
AJK	Fazenda Alegria	-19.8665	-42.4577
AJL	Fazenda Alegria, Santa Bárbara	-19.3935	-42.4673
AJM	Fazenda Arruda	-19.9978	-43.4758
AJN	Fazenda Bananeiras	-19.6681	-42.4698
AJO	Fazenda Bernardina	-20.1020	-42.4542
AJP	Fazenda Boa Esperança (= Córrego do Pissarrão)	-19.6370	-41.4478
AJQ	Fazenda Bocaina	-19.7360	-41.5376
AJR	Fazenda Bonaparte	-18.8251	-42.7148
AJS	Fazenda Cavaco	-20.1020	-42.4542
AJT	Fazenda Cupido e Refúgio	-19.9016	-42.6369
AJU	Fazenda da Areia, Ribeirão da Areia	-20.0372	-42.9176
AJV	Fazenda da Serra	-20.8067	-42.8736
AJW	Fazenda Diamante	-19.9613	-42.9747
AJX	Fazenda do Chalé	-19.5714	-42.6548
AJY	Fazenda do Dinarte Picão	-19.6947	-41.3784
AJZ	Fazenda do Sr. Carnielli	-19.9978	-43.4758
AKK	Fazenda do Sr. João Ribas	-19.9560	-42.6431

AKL	Fazenda Estiva	-19.8627	-41.5285
AKM	Fazenda Estrela do Sul	-19.8739	-40.5357
AKN	Fazenda Europa	-19.6923	-41.1651
AKO	Fazenda Experimental de Cacau	-19.9997	-42.5136
AKP	Fazenda Frade	-19.9736	-42.4956
AKQ	Fazenda Itororó	-19.8577	-41.8969
AKR	Fazenda Jardim	-19.9175	-42.7439
AKS	Fazenda José Lameu - PCH Ferradura	-19.7667	-42.6500
AKT	Fazenda Lagoa Suruaca	-19.8266	-42.2049
AKU	Fazenda Lindoia	-19.9360	-41.1065
AKV	Fazenda Maria Bonita	-19.3583	-39.8167
AKW	Fazenda Palmital	-19.5824	-41.3577
AKX	Fazenda Passa Sete	-19.3871	-41.3996
AKY	Fazenda Pontal	-19.5833	-40.3000
AKZ	Fazenda Ponte Coberta	-19.4833	-39.9000
ALL	Fazenda Rio Perdido (= Rio Perdido)	-19.4607	-40.2751
ALM	Fazenda Rochedo	-19.4855	-40.7996
ALN	Fazenda Samambaia	-19.9377	-40.5990
ALO	Fazenda Santa Helena (= Santa Elena)	-19.8605	-40.5578
ALP	Fazenda Santana, Lagoa Juparanã	-19.6501	-41.2760
ALQ	Fazenda São João	-19.6508	-42.1387
ALR	Fazenda Taveira	-19.9757	-42.2429
ALS	Fazenda Vargem Grande	-19.0353	-40.0211
ALT	Ferros	-19.7772	-41.8638
ALU	Ferros and Camésia	-19.1667	-40.2000
ALV	Figueira do Rio Doce	-19.9377	-40.5990
ALW	Floresta Nacional de Goytacazes (= Goitacazes)	-19.5097	-41.3023
ALX	Foz do Rio Piracicaba	-19.8565	-40.6176
ALY	Fragmento florestal entre os distritos de Córregos e Santo Antônio do Norte (Tapera)	-19.7667	-42.6500
ALZ	Frei Inocêncio	-19.7039	-41.7353
AMM	Galiléia	-19.7848	-41.6498
AMN	Goiabeira	-19.9377	-40.5990
AMO	Gonzaga	-19.9377	-40.5990
AMP	Governador Lindenberg	-20.0567	-41.4657
AMQ	Governador Valadares	-19.9891	-42.1406
AMR	Gravata	-19.4674	-40.7056
AMS	Guanhães	-19.8069	-41.8103
AMT	Guaraciaba	-19.5324	-42.1328
AMU	Iapu	-19.9677	-42.0054
AMV	Ilhéus do Prata	-19.5200	-39.7850
AMW	Imbé de Minas	-20.6851	-43.2873
AMX	Inhapim	-19.8942	-41.9247
AMY	Interlagos	-19.9346	-42.0396
AMZ	Ipaba	-20.1074	-42.4431

ANN	Ipanema	-19.9908	-42.7654
ANO	Ipatinga	-20.0205	-42.1493
ANP	Itabira	-19.9559	-42.2563
ANQ	Itaguaçu	-19.8650	-42.3655
ANR	Itambacuri	-20.0038	-41.8322
ANS	Itambé do Mato Dentro	-20.0120	-41.8901
ANT	Itanhomi	-19.8958	-41.8859
ANU	Itarana	-19.9166	-42.0300
ANV	Itaverava	-19.8754	-42.1408
ANW	Itueta	-19.7843	-42.0446
ANX	Jaguaraçu	-19.9596	-42.3252
ANY	Jaguaré	-19.8480	-42.2738
ANZ	Jampruca	-20.1770	-42.4566
AOO	Jardim da Montanha	-19.8605	-40.5578
AOP	Jataipeba	-19.6900	-41.6745
AOQ	Jatiboca-Limoeiro	-19.8765	-42.1214
AOR	Jequeri	-20.2496	-42.8751
AOS	Joanésia	-19.7680	-42.2152
AOT	João Monlevade	-19.7611	-41.9427
AOU	Joatuba (=Taquaral)	-19.7667	-42.6500
AOV	Lagoa Bonita	-19.0075	-40.1164
AOW	Lagoa da Pirraça	-19.4015	-40.0393
AOX	Lagoa da Testa	-19.7686	-42.7280
AOY	Lagoa das Palmas	-20.7521	-42.8795
AOZ	Lagoa das Piabas	-19.9169	-41.6342
APP	Lagoa de Dentro	-20.7521	-42.8795
APQ	Lagoa do Arural (= Lagoa do Arutau)	-20.1012	-42.7038
APR	Lagoa do Aviso (= Aviso)	-19.8820	-41.4252
APS	Lagoa do Braz	-19.7707	-42.5410
APT	Lagoa do Durão	-20.0116	-41.1121
APU	Lagoa do Macuco	-19.6292	-41.2900
APV	Lagoa do Meio (= Peroba, = Mosquito)	-19.6803	-41.1023
APW	Lagoa Grande	-19.7444	-41.0829
APX	Lagoa Juparanã	-19.7994	-41.2820
APY	Lagoa Nova	-19.6577	-41.6274
APZ	Lagoa Zacarias	-20.0100	-42.7229
AQQ	Lajão, Conselheiro Pena	-20.8067	-42.8736
AQR	Lajinha	-19.6103	-42.5049
AQS	Lamim	-19.9616	-42.0541
AQT	Landmark between Conselheiro Pena and Resplendor	-20.0833	-43.4667
AQU	Landmark between Rio Doce and Santa Cruz do Escalvado	-19.8116	-42.3229
AQV	Laranja da Terra	-19.7980	-42.0764
AQW	Linhares	-19.9109	-41.9289
AQX	Localidade do Baú, próximo ao encontro do Ribeirão de Cubas com o Córrego Lambari	-20.0833	-43.4667

AQY	Lower Rio Doce	-19.7023	-41.3059
AQZ	Luisburgo	-20.3640	-41.9627
ARR	Macuco	-19.9377	-40.5990
ARS	Manhuaçu	-19.9142	-41.9377
ART	Manhumirim	-19.7974	-41.8115
ARU	Margem direita do Rio Doce, Rio Casca	-19.9372	-40.5992
ARV	Margem direita do Rio Santo Antônio, Conceição do Mato Dentro	-19.9139	-40.5805
ARW	Margem esquerda do Rio Conceição, Santa Bárbara	-19.7833	-40.5167
ARX	Margem esquerda do Rio Doce, Sem-Peixe	-19.3477	-40.5749
ARY	Mariana	-19.9022	-42.0128
ARZ	Mariana, no limite com a RPPN Caraça	-19.9650	-40.5403
ASS	Marilac	-19.6085	-41.9034
AST	Marilândia	-19.7974	-41.9019
ASU	Marliéria	-19.8993	-42.0593
ASV	Martins Soares	-19.7686	-41.7136
ASW	Mata da Prefeitura and urban area	-19.7807	-40.6478
ASX	Mata da Silvicultura, Universidade Federal de Viçosa	-19.8471	-42.2797
ASY	Mata do Paraíso, Universidade Federal de Viçosa	-19.8465	-41.4538
ASZ	Materlândia	-18.9004	-40.0861
ATT	Mathias Lobato	-19.4591	-41.4052
ATU	Matipó	-19.6156	-41.5589
ATV	Mesquita	-19.6255	-40.8568
ATW	Middle Rio Doce	-19.7457	-41.2644
ATX	Mina Anglo American, Alvorada de Minas	-19.9377	-40.5990
ATY	Mina Anglo American, Conceição do Mato Dentro	-20.1454	-41.4404
ATZ	Mina Córrego do Sítio	-20.0089	-41.5649
AUU	Mina da Conceição	-20.0105	-42.0328
AUV	Mina de Água Limpa, Reserva Legal	-19.9377	-40.5990
AUW	Mina de Alegria	-19.7833	-40.5167
AUX	Mina de Andrade	-19.9650	-40.5403
AUY	Mina de Brucutu	-19.9804	-41.3039
AUZ	Mina de Fábrica Nova, Bento Rodrigues	-19.8499	-40.8994
AVV	Mina do Andrade	-19.4941	-40.3306
AVW	Mina do Sapo	-19.3093	-40.1606
AVX	Mina Fazendão	-19.3907	-40.0743
AVY	Montes Claros	-19.1667	-40.2000
AVZ	Monumento Natural	-19.5000	-42.5167
AWW	Morelli (= Patrimônio Moreli)	-19.5333	-42.4292
AWX	Morro da Água Quente	-19.5616	-41.2122
AWY	Morro do Baú	-19.5827	-40.6149
AWZ	Morro do Coluni	-19.8229	-42.3136
AXX	Morro do Pilar	-19.8805	-42.0040
AXY	Morro Vermelho	-19.7667	-42.6500
AXZ	Mouth of Rio Piracicaba	-19.8221	-42.0190

AYY	Rio Doce (muniicpality)	-19.5685	-41.8083
AYZ	Museu de Biologia Mello Leitão	-19.7720	-41.5410
AZZ	Mutum	-20.0391	-42.0003
BBB	Nacip Raydan	-20.3640	-41.9627
BBC	Naque	-20.0697	-42.1486
BBD	Norte de Linhares	-19.6953	-42.9535
BBE	Nova Betanha	-19.8200	-42.6336
BBF	Nova Era	-19.9146	-42.1911
BBG	Nova Valsugana (= Valsugana Nova)	-20.1222	-43.2250
BBH	Olaria	-20.1272	-42.5702
BBI	Oratórios	-20.1709	-42.2720
BBJ	Ouro Preto and Mariana	-20.0833	-43.4667
BBK	Padre Viegas	-20.0833	-43.4667
BBL	Palmeira	-20.0833	-43.4667
BBM	Pancas	-20.1235	-42.3595
BBN	Paróquia Santa Teresa	-19.3967	-43.3975
BBO	Parque Ecológico do Itabiruçu	-19.6791	-42.4775
BBP	Parque Estadual da Serra do Brigadeiro	-19.8634	-41.7961
BBQ	Parque Estadual de Sete SalÃµes	-19.9377	-40.5990
BBR	Parque Estadual do Pico do Itambé	-19.8799	-41.9178
BBS	Parque Estadual do Rio Doce	-19.8440	-41.7250
BBT	Parque Ipanema	-19.8162	-41.8496
BBU	Parque Municipal do Salão de Pedras	-19.8724	-40.8798
BBV	Parque Municipal Ribeirão do Campo (= Serra do Intendente)	-19.7635	-41.4182
BBW	Parque Nacional da Serra da Gandarela	-19.7244	-41.9241
BBX	Patioba	-19.8255	-43.1573
BBY	Paula Cândido	-20.0145	-41.7844
BBZ	Paulistas	-19.9377	-40.5990
BCC	PCH Dores de Guanhães	-19.7625	-42.0833
BCD	PCH Funil	-19.5368	-41.4266
BCE	PCH Jacaré	-19.2318	-40.7642
BCF	PCH Senhora do Porto	-19.9161	-40.7402
BCG	Peçanha	-19.8768	-41.0872
BCH	Pedra Bonita	-19.6575	-41.3106
BCI	Pedra do Anta	-19.6487	-41.0976
BCJ	Pedra do Escalvado	-19.8407	-40.5168
BCK	Pedra do Pontal	-19.7500	-42.2333
BCL	Pedra do Resplendor and Pedra Lorena	-19.5169	-40.7030
BCM	Pedra dos Três Pontões	-19.6513	-42.7946
BCN	Pedreira do Zé Bertino	-20.7059	-42.7209
BCO	Penha	-20.7492	-42.8722
BCP	Penha, Santa Teresa	-19.9068	-42.5435
BCQ	Periquito	-19.6952	-41.7556
BCR	Pico da Aliança	-18.8251	-42.7148

BCS	Piedade da Ponte Nova	-18.8251	-42.7148
BCT	Piedade de Caratinga	-19.8500	-41.5595
BCU	Piedade de Ponte Nova	-20.0913	-42.7754
BCV	Piranga	-19.7626	-41.6071
BCW	Piraquara, margem do Rio Parauninha	-19.3333	-41.2500
BCX	Poaia	-19.5181	-43.4415
BCY	Pocrane	-19.8943	-42.6213
BCZ	Pontal do Ipiranga	-19.9532	-41.7649
BDD	Ponte Nova	-19.8132	-41.5344
BDE	Porto Firme	-19.7576	-41.3826
BDF	Povoação	-19.9414	-40.5477
BDG	Presidente Bernardes	-19.5930	-41.6001
BDH	Propriedade Particular da Companhia Agrícola Florestal (CAF)	-19.6983	-41.3868
BDI	Propriedade privada adjacente à Reserva Biológica Augusto Ruschi	-19.5000	-42.5167
BDJ	Proximidades da Serra do Sapo	-19.8833	-42.5500
BDK	Proximidades de Cocais	-18.8333	-41.7667
BDL	Proximidades de Conceição do Mato Dentro, rodovia MG-10	-19.9108	-42.9431
BDM	Proximidades do Centro de Apoio à Fauna Silvestre Resgatada	-19.7667	-42.6500
BDN	Quebra Ossos	-19.7143	-41.5093
BDO	Queiradeus Abaixo	-19.7664	-41.9376
BDP	Rancho Alto	-20.0036	-41.0782
BDQ	Rancho Fundo	-19.7941	-41.2947
BDR	Raul Soares	-19.7142	-41.9250
BDS	Raul Soares, 18 km north	-19.3833	-40.0667
BDT	Raul Soares, 8 km north	-19.7985	-43.4632
BDU	Recanto da Serra	-20.1386	-43.4003
BDV	Recanto das Cigarras	-19.7649	-42.0787
BDW	Reduto	-19.9373	-41.8535
BDX	Regência	-19.6486	-42.4026
BDY	Reserva Biológica Augusto Ruschi	-19.7125	-41.4590
BDZ	Reserva Biológica de Sooretama	-19.8586	-41.8214
BEE	Reserva Natural Vale	-19.8649	-41.3933
BEF	Reserva Particular do Patrimônio Natural Aves Gerais	-19.7615	-41.5921
BEG	Reserva Particular do Patrimônio Natural Fazenda Macedônia	-19.8769	-41.5014
BEH	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala	-19.7891	-41.6451
BEI	Resplendor	-19.6560	-42.1383
BEJ	Restinga de Degredo	-19.7514	-41.4620
BEK	Revés do Bélem	-19.9736	-42.4956
BEL	Rio Bacalhau	-19.9736	-42.4956
BEM	Rio Bananal	-19.7629	-41.9623
BEN	Rio Barra Seca (includes some records for the Reserva Biológica de Sooretama and the Reserva Natural da Vale do Rio Doce)	-19.7998	-41.6265
BEO	Rio Cágado	-19.8878	-40.5783
BEP	Rio Casca	-19.9097	-41.8508

BEQ	Rio Casca, Rio Casca	-20.8067	-42.8736
BER	Rio Corrente Grande, Gonzaga	-19.8512	-41.7987
BES	Rio Corrente Grande, Virginópolis	-19.6617	-42.0048
BET	Rio Doce	-19.5072	-41.0859
BEU	Rio Doce, 35 km north of Raul Soares	-19.6815	-41.1135
BEV	Rio Doce, Colatina and Linhares	-19.6851	-41.8547
BEW	Rio Doce, Conselheiro Pena	-20.0543	-41.6426
BEX	Rio Doce, Governador Valadares	-20.3184	-43.2927
BEY	Rio Doce, left bank, 41 km north of Raul Soares	-19.8262	-40.5193
BEZ	Rio Doce, left bank, 50 km north of Raul Soares	-19.7833	-40.5167
BFF	Rio Doce, próximo a Lagoa Juparanã	-19.8257	-40.5360
BFG	Rio Doce, Resplendor	-19.9819	-42.4171
BFH	Rio Doce, right bank, 41 km north of Raul Soares	-20.1850	-41.3125
BFI	Rio Doce, Rio Casca	-19.6497	-41.4480
BFJ	Rio dos Peixes	-20.8022	-42.8581
BFK	Rio Espera	-19.7783	-41.9663
BFL	Rio Gualaxo	-20.8067	-42.8736
BFM	Rio Gualaxo do Sul	-20.0833	-43.4667
BFN	Rio Guandu	-19.7983	-40.9058
BFO	Rio Guanhães	-19.6703	-41.6448
BFP	Rio Itambacuri	-19.7933	-42.6418
BFQ	Rio Manhuaçu	-19.6438	-41.7884
BFR	Rio Matipó	-19.6960	-42.0188
BFS	Rio Matipó, 14 km north of Raul Soares	-19.6148	-42.1433
BFT	Rio Matipó, Raul Soares	-19.5291	-40.1697
BFU	Rio Pancas (= Fazenda Santa Lúcia)	-20.6175	-42.4972
BFV	Rio Pequeno	-19.6529	-41.4987
BFW	Rio Picão	-19.5200	-39.7850
BFX	Rio Piracicaba	-19.8001	-41.6290
BFY	Rio Piracicaba, Bela Vista de Minas	-19.9372	-40.5992
BFZ	Rio Piracicaba, Mariana	-19.8605	-40.5578
BGG	Rio Piracicaba, near Parque Estadual do Rio Doce	-19.9377	-40.5990
BGH	Rio Piracicaba, Rio Doce	-19.9377	-40.5990
BGI	Rio Piracicaba, Rio Piracicaba	-19.9377	-40.5990
BGJ	Rio Quartel	-19.9035	-41.1333
BGK	Rio Quinze de Agosto	-19.0075	-40.1164
BGL	Rio Sacramento	-19.8347	-40.7245
BGM	Rio Saltinho	-19.6055	-41.3072
BGN	Rio Santa Bárbara	-19.7667	-42.6500
BGO	Rio Santa Joana	-19.7213	-42.7856
BGP	Rio Santa Joana, Itarana	-19.2500	-43.5167
BGQ	Rio Santa Maria	-19.8943	-42.1065
BGR	Rio Santo Antônio	-19.4438	-40.9708
BGS	Rio São José	-19.7696	-41.6200

BGT	Rio São José, São Gabriel da Palha	-19.4500	-41.9500
BGU	Rio São Manuel	-19.8381	-41.9220
BGV	Rio Suaçuí Grande	-19.9173	-41.2025
BGW	Rio Timbuí, Centro	-19.6581	-40.9619
BGX	Rio Timbuí, Penha	-19.9431	-40.5824
BGY	Rio Vermelho	-20.2306	-42.3352
BGZ	Rio Xopotó	-19.9372	-40.5992
BHH	Rodovia do Contorno	-19.7833	-40.5167
BHI	Rodovia Josil Espíndola Agostini	-19.5776	-41.1842
BHJ	Rodovia MG-436	-19.7667	-42.6500
BHK	Roseiral	-19.7667	-42.6500
BHL	RPPN do Senhor Delton	-19.8097	-42.1537
BHM	RPPN Fazenda Bulcão	-18.7336	-43.3661
BHN	RPPN Guilman Amorim	-19.5925	-41.1952
BHO	RPPN Horto Alegria	-19.9650	-40.5403
BHP	RPPN João Monlevade	-19.9372	-40.5992
BHQ	Rua Aimorés	-19.9372	-40.5992
BHR	Rua Coronel Bonfim Junior, Santa Teresa	-19.9377	-40.5990
BHS	Rua José Eugênio Vervloet	-19.9377	-40.5990
BHT	Sabinópolis	-19.8960	-41.8718
BHU	Santa Bárbara	-19.9930	-42.0848
BHV	Santa Bárbara do Leste	-20.6611	-43.4547
BHW	Santa Cruz do Escalvado	-20.4972	-43.3148
BHX	Santa Efigênia de Minas	-19.8056	-43.1746
BHY	Santa Júlia (= Santa Júlia Abaixo)	-19.7234	-41.1252
BHZ	Santa Margarida	-20.2022	-42.7650
BII	Santa Maria de Itabira	-20.2789	-42.7165
BIJ	Santa Maria do Suaçuí	-19.8426	-41.6785
BIK	Santa Rita de Minas	-20.1450	-41.5060
BIL	Santa Rita do Itueto	-19.9137	-42.1713
BIM	Santa Rita Durão	-19.0075	-40.1164
BIN	Santa Rita, Braúnas	-19.0871	-40.0165
BIO	Santa Teresa	-19.8055	-41.7393
BIP	Santana do Manhuaçu	-19.5929	-41.0243
BIQ	Santana do Paraíso	-19.768	-41.6295
BIR	Santana dos Montes	-19.7386	-41.6657
BIS	Santo Amaro	-20.2833	-43.4500
BIT	Santo Antônio do Canaã (= Patrimônio de Santo Antônio, = Santo Antônio)	-19.9617	-42.3323
BIU	Santo Antônio do Grama	-19.9075	-41.6625
BIV	Santo Antônio do Itambé	-20.1060	-41.8490
BIW	Santo Antônio do Rio Abaixo	-19.9933	-41.2291
BIX	São Benedito (= Tabaúna)	-20.0212	-42.1304
BIY	São Benedito, Rio Manhuaçu	-20.0225	-42.2673
BIZ	São Domingos das Dores	-20.0135	-42.4296

BJJ	São Domingos do Norte	-19.6499	-42.5058
BJK	São Domingos do Prata	-20.1316	-41.9588
BJL	São Domingos, Chalé	-19.9851	-42.4032
BJM	São Gabriel da Palha	-19.7235	-41.7468
BJN	São Gonçalo do Rio Abaixo	-19.9751	-42.0704
BJO	São Gonçalo do Rio Abaixo, over the BR 381 road	-20.0833	-43.4667
BJP	São João do Manhuaçu	-20.4323	-43.5604
BJQ	São João Evangelista	-20.0902	-42.4944
BJR	São José da Safira	-19.5761	-41.0598
BJS	São José do Goiabal	-19.9777	-42.2185
BJT	São José do Jacuri	-19.9326	-42.1843
BJU	São José do Mantimento	-19.9733	-42.6254
BJV	São José do Triunfo	-19.6454	-41.7832
BJW	São Miguel do Anta	-19.8788	-41.6929
BJX	São Pedro do Suaçuí and Peçanha	-19.7667	-42.65
BJY	São Pedro dos Ferros	-19.5614	-42.1069
BJZ	São Rafael	-19.9066	-41.8866
BKK	São Roque do Canaã	-19.7258	-41.9371
BKL	São Roque do Canaã (= São Roque)	-20.0207	-43.4783
BKM	São Roque, Mutum	-20.4177	-43.1731
BKN	São Sebastião do Bom Sucesso	-20.8067	-42.8736
BKO	São Sebastião do Maranhão	-20.1285	-42.4263
BKP	São Sebastião do Rio Preto	-20.2142	-41.9671
BKQ	Sardoá	-20.1199	-42.0986
BKR	Sem-Peixe	-20.7317	-42.6650
BKS	Senador Firmino	-19.9184	-42.2187
BKT	Senhora de Oliveira	-19.7551	-41.7602
BKU	Senhora do Porto	-19.5678	-40.3304
BKV	Senhora dos Remédios	-19.6984	-41.8614
BKW	Sericita	-19.4071	-41.7029
BKX	Serra Azul de Minas	-19.4176	-41.2728
BKY	Serra da Água Limpa	-19.9613	-43.1853
BKZ	Serra da Cambota	-19.8754	-41.3214
BLL	Serra da Ferrugem	-19.8185	-41.7222
BLM	Serra da Grama	-20.1008	-43.6639
BLN	Serra da Tapera	-20.2895	-41.7220
BLO	Serra da Vargem Grande	-19.5359	-40.2973
BLP	Serra do Ambrósio	-19.3064	-40.0332
BLQ	Serra do Caraça	-19.8357	-41.5901
BLR	Serra do Caraça, Mariana	-20.1020	-42.4542
BLS	Serra do Cipó, Conceição do Mato Dentro	-19.7385	-41.5184
BLT	Serra do Cipó, Dom Joaquim	-20.1114	-42.5017
BLU	Serra do Cipó, Itambé do Mato Dentro	-20.3391	-43.0643
BLV	Serra do Gavião, Taipero	-19.7906	-42.6951

BLW	Serra do Jacroá	-19.9978	-43.4758
BLX	Serra do Sapo	-19.8056	-42.9194
BLY	Serra Dois Irmãos	-19.8168	-41.6176
BLZ	Silvestre	-19.7667	-42.6500
BMM	Simonésia	-19.3714	-41.5620
BMN	Sítio Irmíos Martinelli	-19.4863	-40.3283
BMO	Sítio Rincío do Serafim	-19.5262	-40.9358
BMP	Sítio Santa Luzia, Santo Antônio do Canaí	-19.6098	-40.1873
BMQ	Sítio Sío Pedro	-19.9292	-42.2386
BMR	Sítio Sr. Antônio, Viçosa	-19.4037	-41.5071
BMS	Sobrália	-20.1642	-42.5182
BMT	Sooretama	-19.9171	-41.7793
BMU	Sumidouro	-19.4916	-40.4076
BMV	Taboca	-19.2667	-39.8333
BMW	Tabuleiros Costeiros próximos ao Rio Doce	-19.6581	-41.8073
BMX	Tarumirim	-19.3981	-40.0653
BMY	Teixeiras	-19.5099	-40.6796
BMZ	Terra Alta (= São João Terra Alta)	-19.4296	-40.8499
BNN	Terra do Aviso	-19.7667	-42.6500
BNO	Timóteo	-19.6669	-41.5537
BNP	Tumiritinga	-19.7065	-42.7374
BNQ	Ubaporanga	-19.7870	-42.1918
BNR	UHE - Jurumirim	-19.7598	-42.7443
BNS	UHE Baguari	-19.8268	-40.8174
BNT	UHE Traíra II	-19.8354	-41.8938
BNU	UHE-Brecha	-19.3208	-40.0667
BNV	Upper Rio Doce	-19.7961	-41.1082
BNW	Usina do Pião (= Usina Ana Florência)	-19.7642	-42.4126
BNX	Usina Hidrelétrica Risoleta Neves	-19.9511	-40.5697
BNY	Valão de São Lourenço	-19.8899	-40.6068
BNZ	Valão de São Pedro	-20.1622	-41.4293
BOO	Vale do Brumado	-20.7521	-42.8795
BOP	Vale do Canaã	-20.0717	-42.4430
BOQ	Valsugana Velha	-19.7587	-41.6913
BOR	Vargem Alegre	-19.9014	-42.7450
BOS	Vargem Alegre, Conceição do Mato Dentro	-20.1386	-43.4003
BOT	Vargem Alegre, São Domingos do Prata	-19.7905	-41.4292
BOU	Varginha	-19.8211	-42.1057
BOV	Várzea Alegre (= Pedra do Onça)	-19.8793	-41.4773
BOW	Vermelho Novo	-19.0220	-40.5296
BOX	Viçosa	-19.8399	-41.8107
BOY	Viçosa Region	-19.7185	-41.4980
BOZ	Vila Nova	-19.6055	-40.8190
BPP	Vila Valério	-19.9396	-42.5392

BPQ	Vinte e Cinco de Julho	-19.0871	-40.0165
BPR	Virginópolis	-19.7998	-41.8151

APPENDIX D. Bird species recorded in the Rio Doce Basin, southeastern Brazil. The documentation column (Doc) indicates if there are digital vouchers (D – photographs or recordings) or museum specimens (M) in the basin. See Appendix I for the three letter codes of each locality from where an occurrence is available.

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Tinamus solitarius	D, M	**AAV**[350], **AFL**[5, 165], **AFY**[7, 165], **AGG**[165], **AGN**[154], **AHS**[427], **AIN**[162, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92], **AMQ**[176], **AOQ**[165], **AQW**[5], **AQY**[5, 6, 209], **ATW**[178, 217], **AYZ**[264], **BBS**[54, 57, 70, 126, 127, 131, 435], **BDQ**[165], **BDR**[95, 165, 194], **BDY**[96, 186, 199, 350, 436], **BDZ**[70, 199, 280, 302, 375], **BEE**[154], **BEG**[28, 364], **BEH**[96, 131, 358], **BEN**[142], **BFR**[170, 176, 217], **BGS**[7, 154, 157, 165, 178], **BGV**[178, 217], **BIO**[154], **BJJ**[165], **BJL**[165], **BMW**[68], **BOQ**[350], **BOX**[168]	**AMZ**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BIO**[447], **BMT**[447], **BNO**[447]
Crypturellus soui	D, M	**ABM**[206], **ACJ**[20], **AFN**[165], **AGG**[7, 165], **AHV**[206], **AIL**[165], **ALM**[176], **AOP**[154], **APW**[176], **APX**[20, 154], **APY**[154], **AQW**[305, 346], **AQY**[5, 6, 209], **ATW**[178, 217], **BBS**[54, 57, 119, 126, 131, 228, 385, 435], **BDO**[436], **BDR**[116, 165], **BDZ**[5, 70, 96, 199, 280], **BEH**[119], **BEJ**[67], **BFV**[165], **BGS**[178], **BGV**[178, 217], **BHL**[206], **BJZ**[66], **BMW**[68], **BOX**[168]	**AES**[447], **AQW**[447], **ASU**[447], **BJM**[447], **BMT**[447]
Crypturellus obsoletus	D, M	**AAF**[206], **AAN**[247], **AAV**[350], **ABC**[131], **ABE**[86], **ABM**[206], **ADX**[206], **AFG**[419], **AFN**[165], **AFO**[155], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[165], **AIN**[154, 277, 344, 350, 436], **AIP**[154, 350], **AIQ**[85, 119], **AIR**[92, 130, 385], **AJQ**[385], **AKU**[176], **ALQ**[176], **ANU**[420], **AOQ**[165], **AYZ**[264], **BBF**[131], **BBP**[148, 343], **BBS**[57, 70, 119, 126, 127, 131], **BBW**[94], **BDY**[96, 186, 199, 350, 436], **BEF**[58], **BEH**[119, 131, 358], **BEN**[142], **BHN**[133], **BIO**[154, 165], **BLQ**[55, 83, 300, 394, 417], **BMO**[436], **BOQ**[350], **BOT**[209, 217], **BOX**[168, 170, 176, 217, 338], **BOY**[236], **BPR**[385]	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ART**[447], **ARY**[447], **ASU**[447], **BCV**[447], **BHU**[447], **BIO**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Crypturellus noctivagus	D, M	**ACL**[178], **AGG**[7, 165], **APY**[154], **AQY**[5, 6, 195], **ATW**[116, 178], **BBS**[54, 57, 70, 96, 99, 126, 127, 131, 373, 385], **BDQ**[165], **BDR**[95, 165, 194], **BDZ**[5, 70, 96, 199, 280, 302, 318], **BEG**[28, 364], **BEH**[131, 358], **BEX**[165], **BFR**[176], **BGS**[157, 178], **BGV**[178], **BJL**[165], **BMT**[305]	**ADS**[447], **AQW**[447], **ASU**[447], **BMT**[447]
Crypturellus variegatus	D, M	**ACJ**[20], **AFY**[7, 165], **AGG**[165], **AOZ**[154], **APS**[154], **APT**[165], **APV**[154], **APX**[154], **APY**[154], **AQW**[305, 346], **AQY**[5, 6, 209], **BBS**[54, 131], **BDZ**[5, 70, 96, 199, 280, 375], **BEH**[131, 358], **BEJ**[67], **BFG**[20, 224], **BFQ**[217], **BIO**[96, 154], **BIX**[217, 224], **BIY**[20], **BJZ**[66], **BMW**[68]	**AQW**[447]
Crypturellus parvirostris	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **AFG**[419], **AHV**[206], **AIR**[83, 92, 130], **AJQ**[83, 385], **AQW**[346], **BBP**[343], **BBS**[57, 83, 131], **BBV**[119], **BDO**[436], **BDY**[199], **BDZ**[199], **BEF**[58], **BEH**[131, 358], **BER**[119], **BGU**[119], **BHL**[206], **BHY**[436], **BKY**[416], **BLQ**[55, 83, 163, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOX**[176], **BOY**[86, 234]	**AAF**[447], **AAI**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AQV**[447], **AQW**[447], **AZZ**[447], **BCV**[447], **BCY**[447], **BDG**[447], **BHT**[447], **BIQ**[447], **BJM**[447], **BKT**[447], **BMS**[447], **BOX**[447]
Crypturellus tataupa	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ADJ**[154], **AEK**[176], **AEZ**[154], **AFG**[419], **AFJ**[119], **AFY**[7], **AGG**[165], **AGM**[154], **AHV**[206], **AIL**[436], **AIN**[277, 344,	**AAF**[447], **AAI**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AMU**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASU**[447], **ATU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[350, 436], **AIP**[350], **AIQ**[119], **AIR**[92, 385], **AJQ**[385], **ANU**[420], **AOX**[154], **AOZ**[154], **APW**[176], **APY**[154], **AQW**[165, 305, 346], **AQY**[5, 6], **ATW**[216], **AXZ**[217], **AYZ**[350], **BBP**[343], **BBS**[57, 70, 119, 126, 128, 131, 228, 385, 435], **BBV**[119], **BBW**[94], **BDO**[436], **BDR**[95, 116], **BDY**[350], **BDZ**[199, 280], **BEG**[364], **BEJ**[67], **BER**[119], **BEY**[116], **BGU**[119], **BGV**[178, 217], **BHY**[436], **BIO**[154], **BJW**[176], **BLQ**[178, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BNV**[178], **BOQ**[350], **BOX**[86, 168, 170, 176, 217], **BOY**[234, 236]	**BCV**[447], **BHT**[447], **BKT**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Rhynchotus rufescens	D, M	**AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **ADU**[155], **AHV**[206], **AIN**[436], **AQW**[346], **BEE**[368], **BEF**[58], **BEH**[358], **BEN**[142], **BER**[119], **BHL**[206], **BHY**[436], **BJZ**[66], **BKY**[416], **BMW**[68], **BNT**[385]	**AAF**[447], **AAI**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFP**[447], **AGO**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANZ**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BDD**[447], **BEP**[447], **BIU**[447], **BKK**[447], **BMS**[447], **BMT**[447]
Nothura maculosa	D, M	**AAN**[83, 119, 247, 437], **AFQ**[381], **AJQ**[385], **ATV**[155], **BEF**[58], **BJZ**[66], **BLQ**[417], **BLS**[160], **BMW**[68], **BOX**[176]	**AFQ**[447], **AMQ**[447], **ANS**[447], **AXX**[447]
Anhima cornuta	D, M	**AAH**[347], **AAU**[206], **ABG**[385], **ADP**[154], **AFL**[347], **AHV**[206], **AKY**[347], **BBS**[54, 57, 126, 131], **BEG**[364], **BEI**[347], **BGO**[347], **BHL**[206]	**AAF**[447], **AAI**[447], **AAK**[447], **ACJ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFU**[447], **AGO**[447], **AGY**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANW**[447], **ANZ**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BEI**[447], **BEM**[447], **BIJ**[447], **BIO**[447], **BJM**[447], **BMS**[447], **BMT**[447], **BOR**[447]
Dendrocygna bicolor	D	**AIN**[277], **BDZ**[280]	**AGY**[447], **AQW**[447]
Dendrocygna viduata	D, M	**AAF**[206], **AAU**[206], **ABG**[385], **ABM**[206], **AHV**[206], **AIR**[92, 130], **AJQ**[385], **AOX**[154], **APX**[154], **AQW**[346], **AYZ**[264], **BBS**[13, 35, 54, 57, 126, 131, 385, 435], **BDH**[35], **BDZ**[280], **BEF**[58], **BEG**[28, 364], **BEJ**[67], **BGU**[119], **BHL**[206], **BIO**[154], **BLQ**[394], **BLS**[160], **BMW**[68], **BNV**[86]	**AAF**[447], **ACJ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGY**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANR**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **AZZ**[447], **BBM**[447], **BDR**[447], **BDW**[447], **BIO**[447], **BIQ**[447], **BJJ**[447], **BJM**[447], **BKK**[447], **BMS**[447], **BMT**[447], **BOR**[447], **BOX**[447]
Dendrocygna autumnalis	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AHV**[206], **AIR**[92, 130], **AQW**[346], **ARY**[208], **BBS**[35, 57, 119, 131], **BDH**[35], **BDZ**[280], **BHL**[206], **BIO**[154], **BNV**[86], **BOX**[168]	**AAF**[447], **AAI**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AFL**[447], **AGY**[447], **ALZ**[447], **AMQ**[447], **AMZ**[447], **ANO**[447], **ANT**[447], **ANW**[447], **ANY**[447], **ANZ**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASS**[447], **ASU**[447], **AZZ**[447], **BCV**[447], **BDR**[447], **BEM**[447], **BJS**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BPP**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Cairina moschata	D, M	**ABM**[206], **AHV**[206], **AIR**[92, 130], **AOX**[154], **AQY**[6, 445], **ATW**[216], **BBS**[13, 35, 54, 57, 119, 131, 228, 435], **BDH**[35], **BDY**[186], **BDZ**[199, 280, 376], **BEJ**[67], **BFR**[170, 176], **BGS**[178], **BHL**[206], **BMW**[68], **BOX**[168]	**AAF**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AES**[447], **AFL**[447], **AGY**[447], **ALZ**[447], **ANO**[447], **ANV**[447], **ANY**[447], **AQW**[447], **ASU**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BEP**[447], **BHT**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BMT**[447], **BOR**[447]
Sarkidiornis sylvicola	D	**BDZ**[280], **BMW**[68]	**AQW**[447]
Amazonetta brasiliensis	D, M	**AAU**[206], **ABD**[154], **ABG**[385], **ABM**[206], **AEK**[86, 176], **AHS**[427], **AHV**[206], **AIN**[344, 436], **AIR**[92, 130], **AJQ**[385], **ANU**[420], **AOX**[154], **APQ**[154], **APV**[154], **APX**[154], **AQW**[165, 305, 346], **AQY**[6], **ATW**[176], **AYZ**[264], **BBP**[343], **BBS**[35, 54, 57, 119, 131, 435], **BDH**[35], **BDY**[186], **BDZ**[199, 280, 376], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFT**[116], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154], **BJZ**[66], **BLQ**[55, 394, 417], **BMW**[68], **BNS**[155, 165], **BNT**[385], **BNV**[86], **BOX**[168, 170, 176]	**AAB**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AGY**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AXX**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEI**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHV**[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJM**[447], **BJN**[447], **BKK**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNP**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Anas bahamensis	D	**BDZ**[280]	**AQW**[447]
Netta erythrophthalma	D	**AIR**[92], **BDH**[35], **BDZ**[280]	**AQW**[447]
Nomonyx dominicus	D, M	**ABM**[206], **AEK**[86], **AIN**[277], **APR**[154], **AQY**[6, 209], **BBS**[54, 57], **BDZ**[280], **BHL**[206], **BIO**[154, 165, 436], **BNV**[86], **BOX**[166]	**AAF**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AMU**[447], **ANO**[447], **ANZ**[447], **AQW**[447], **ARS**[447], **AZZ**[447], **BCV**[447], **BIR**[447], **BJM**[447], **BKQ**[447], **BOR**[447], **BOX**[447]
Penelope superciliaris	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **AGG**[5, 7, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350], **AIP**[350], **AIR**[22, 92, 130, 385], **AJQ**[155, 385], **AKN**[165], **AOX**[154], **APS**[154], **APV**[154], **APX**[20, 154], **APY**[154], **AQW**[154, 346], **AQY**[6, 209], **AYZ**[264, 266, 350], **BBF**[131], **BBS**[13, 54, 57, 70, 83, 126, 127, 131, 176, 228], **BDD**[176], **BDY**[350], **BDZ**[5, 70, 199, 280, 375], **BEE**[96], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BFR**[170, 176, 209, 217], **BHL**[206], **BHY**[436], **BIO**[154, 165, 436], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 170], **BOY**[234, 236]	**AAF**[447], **AAI**[447], **AEL**[447], **AFL**[447], **AMQ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **AST**[447], **ASU**[447], **BEM**[447], **BHV**[447], **BIO**[447], **BJM**[447], **BMS**[447], **BMT**[447], **BNO**[447]
Penelope obscura	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ADX**[206], **AEK**[176, 241, 431], **AFG**[419], **AHM**[385], **AHV**[206], **AIN**[350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AIU**[155], **AJQ**[83, 155, 385], **ANU**[420], **ARY**[39], **ASY**[87], **ATW**[96], **AUZ**[155], **BBP**[237, 343], **BBS**[57, 70, 119, 126, 131,	**AAB**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAQ**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFW**[447],

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		155, 228, 385, **BBW**94, **BBY**145, **BDV**241, **BDY**186, 199, 350, **BDZ**280, **BEF**58, **BEG**364, **BEH**131, 358, **BGU**119, **BHL**206, **BHN**133, **BIO**154, **BLQ**83, 155, 300, 301, 394, 400, 409, 417, **BMO**436, **BOQ**350, **BOX**170, 176, 217, **BOY**145, 234, 236, **BPR**385	**AGW**447, **AGY**447, **AMS**447, **AMU**447, **AMX**447, **AMZ**447, **ANO**447, **ANP**447, **ANQ**447, **ANV**447, **ANX**447, **AOT**447, **AQV**447, **ARS**447, **ART**447, **ARY**447, **ASU**447, **ASV**447, **ATU**447, **AZZ**447, **BBM**447, **BCH**447, **BCT**447, **BCV**447, **BDD**447, **BDE**447, **BDG**447, **BDR**447, **BDW**447, **BET**447, **BFX**447, **BHT**447, **BHU**447, **BHZ**447, **BIJ**447, **BIL**447, **BIO**447, **BIR**447, **BIU**447, **BJK**447, **BJN**447, **BJQ**447, **BJR**447, **BJU**447, **BKQ**447, **BKV**447, **BKW**447, **BMM**447, **BMS**447, **BNO**447, **BNQ**447, **BOX**447, **BPR**447
Aburria jacutinga	D, M	**AFY**7, 165, **AGG**165, **AOQ**73, 315, **AQY**6, 315, 319, **BBP**73, 134, **BBS**57, 73, 131, 134, 433, **BDZ**99, 280, 315, 318, 319, **BEG**28, 364, **BGS**5, 73, 315, **BIO**154	**AMZ**447
Ortalis araucuan	D, M	**AAF**206, **AAU**206, **ABM**206, **ABR**219, **ACW**420, **ADE**155, **ADI**154, **AFL**178, **AFR**435, **AHK**151, **AHV**206, **AIT**154, **AJM**153, **AKL**153, **AKN**165, **AMR**154, **AOX**154, **APX**154, **AQW**346, **AQY**195, **ATX**153, **BBS**57, **BDZ**199, 280, **BEJ**67, **BES**153, **BFO**153, **BFV**165, **BHL**206, **BIO**154, **BJX**153, **BJZ**66, **BKN**153, **BLX**153, **BMW**68, **BNT**385	**AAF**447, **AAH**447, **AAZ**447, **ACJ**447, **AFL**447, **AFQ**447, **AFW**447, **AHM**447, **AMQ**447, **AMS**447, **AMU**447, **ANU**447, **ANW**447, **AQV**447, **AQW**447, **AST**447, **ATT**447, **AXX**447, **BBM**447, **BBZ**447, **BEM**447, **BHT**447, **BIO**447, **BJJ**447, **BJM**447, **BKK**447, **BKQ**447, **BMS**447, **BMT**447, **BPP**447, **BPR**447
Crax blumenbachii	D, M	**ADI**154, **AES**1, **AFL**275, **AFY**7, 165, **AGG**5, 165, **AIR**92, 113, **AOX**154, **APX**73, **APY**154, **AQW**154, 275, **AQY**5, 6, 73, 195, 275, 315, 319, **ATW**96, **BBM**275, **BBS**23, 57, 73, 113, 134, 228, 433, **BDX**154, **BDZ**70, 199, 201, 275, 280, 302, 316, 318, 433, **BEE**18, 70, 96, 109, 433, **BEG**28, 113, 364, **BGS**20, 73, 178, 214, 316, **BGZ**40, **BIO**70, 154, **BIT**154, **BJM**275, **BMT**305	**AMZ**447, **AQW**447, **BJN**447, **BMT**447
Odontophorus capueira	D, M	**ADI**154, **AEZ**154, **AGG**5, 7, 165, **AGZ**153, **AHK**151, **AHS**427, **AIL**165, **AIN**277, 344, 350, 436, **AIP**350, **AJQ**385, **AOQ**165, **APX**165, **APY**154, **AQW**305, **AQY**6, **AYZ**264, **BBF**131, **BBS**70, 126, 127, 131, 176, 228, 435, **BDQ**165, **BDR**95, **BDY**186, 199, 350, 436, **BDZ**199, 280, 375, **BEF**58, **BEG**28, **BEH**131, 358, **BEX**165, **BGR**153, **BGS**157, 178, **BIO**154, 163, 165, **BJJ**165, **BLL**153, **BLQ**55, 391, 394, **BOQ**350, **BOX**168, 170, 176, 217	**AMZ**447, **ASU**447, **AXX**447, **BIO**447, **BMT**447
Tachybaptus dominicus	D, M	**AAU**206, **ABG**385, **ABM**206, **AHV**206, **AIR**130, **ALR**165, **APR**154, **APV**154, **AQW**346, **AQY**6, 212, **AYZ**264, **BBG**154, **BBP**343, **BBS**54, 57, 131, **BCD**121, **BDZ**280, **BEH**119, **BFT**116, **BFU**154, **BHL**206, **BIO**154, 165, 436, **BLQ**55, **BOX**86	**AAF**447, **AAK**447, **ABE**447, **AEQ**447, **AES**447, **AFL**447, **AGY**447, **AMQ**447, **AMS**447, **AMU**447, **ANW**447, **AQS**447, **AQW**447, **ART**447, **ARY**447, **AST**447, **ATT**447, **AZZ**447, **BCV**447, **BHT**447, **BIL**447, **BIO**447, **BIU**447, **BJJ**447, **BJM**447, **BKT**447, **BMT**447
Podilymbus podiceps	D, M	**ABG**385, **ABM**206, **AIN**277, **AIR**92, 130, **AJQ**385, **AOV**154, **APX**154, **AQW**305, 346, **BBS**35, 54, 57, 131, **BDH**35, **BDZ**280, **BEJ**67, **BHL**206, **BIO**154, **BLQ**394, **BMW**68,	**ADM**447, **ADS**447, **AMU**447, **ANO**447, **AQW**447, **ARS**447, **AST**447, **BEM**447, **BHT**447, **BIQ**447, **BIR**447, **BPP**447

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		BNZ[154], **BOT**[212, 217]	
Ciconia maguari	D	**AQW**[346], **AQY**[6], **BBS**[54], **BCZ**[421], **BDZ**[280], **BEE**[421]	**AQW**[447]
Mycteria americana	D	**BDZ**[280]	**AQW**[447]
Nannopterum brasilianus	D	**AAU**[206], **ABG**[385], **ABM**[206], **AEK**[86], **AHV**[206], **AIR**[22, 92, 130], **AWX**[400], **BBS**[35, 54, 57, 126, 131, 228], **BDH**[35], **BHL**[206], **BMW**[68], **BNV**[86]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **ACJ**[447], **AEQ**[447], **AEU**[447], **AFL**[447], **AFW**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **ANO**[447], **AQW**[447], **ARY**[447], **ASU**[447], **AZZ**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BDW**[447], **BHT**[447], **BHW**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BMT**[447], **BOX**[447]
Anhinga anhinga	D, M	**AIR**[92, 130], **AQW**[305], **BBD**[165], **BBS**[54, 57, 131, 155], **BBT**[104], **BDH**[35], **BDZ**[280], **BGS**[178], **BLQ**[417], **BOX**[168, 176]	**AEQ**[447], **AES**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANY**[447], **AQW**[447], **ART**[447], **BFX**[447], **BHT**[447], **BHW**[447], **BIQ**[447], **BIU**[447], **BNO**[447], **BOX**[447]
Tigrisoma lineatum	D, M	**ABM**[206], **AGG**[165], **AIN**[277, 344, 436], **APX**[165], **AQW**[154, 165, 346], **AYZ**[264], **BBS**[35, 57, 83, 126, 131, 228], **BDH**[35], **BDZ**[199, 280], **BEJ**[67], **BGS**[178], **BHL**[206], **BMW**[68], **BMZ**[154], **BOT**[212, 217]	**AAF**[447], **AAI**[447], **AES**[447], **AFL**[447], **AGY**[447], **ANP**[447], **ANR**[447], **ANY**[447], **AQW**[447], **ART**[447], **ASU**[447], **ATT**[447], **BEM**[447], **BIO**[447], **BJS**[447], **BMS**[447], **BMT**[447], **BOR**[447]
Cochlearius cochlearius	D, M	**AEH**[154], **AIN**[277, 350, 436], **APV**[154], **APY**[154], **AYZ**[264], **BDZ**[280], **BEP**[217], **BGX**[154, 436], **BIO**[154, 165, 305, 323, 436]	**AQW**[447]
Botaurus pinnatus	D, M	**ABM**[206], **AHV**[206], **APQ**[154], **AQW**[305], **BDZ**[280], **BHL**[206], **BMW**[68]	**AAF**[447], **AQW**[447], **BJM**[447]
Ixobrychus exilis	D, M	**ALW**[154], **APR**[154], **AQW**[305], **BBS**[35], **BDZ**[280, 376], **BNV**[86]	**BIQ**[447]
Nycticorax nycticorax	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AEK**[176], **AHS**[427], **AHV**[206], **AIN**[344, 350], **AIR**[92, 130], **AJQ**[385], **AOX**[154], **APR**[154], **APS**[154], **AQW**[346], **AYZ**[350], **BBS**[13, 35, 57, 126, 131], **BDH**[35], **BDZ**[280], **BEJ**[67], **BFV**[165], **BHL**[206], **BIO**[323], **BMW**[68], **BOX**[176], **BOZ**[154]	**AAF**[447], **AAI**[447], **AAQ**[447], **ADR**[447], **ADY**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AHQ**[447], **AMM**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANT**[447], **AQW**[447], **ARS**[447], **ART**[447], **AZZ**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BDW**[447], **BFX**[447], **BHU**[447], **BHW**[447], **BIK**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJS**[447], **BKO**[447], **BMS**[447], **BMT**[447], **BNQ**[447], **BOX**[447]
Butorides striata	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ADJ**[154], **AEK**[86, 176], **AGM**[154], **AHS**[427], **AHV**[206], **AIN**[277, 344, 436], **AIR**[22, 92, 130], **AOX**[154], **APQ**[154], **APR**[154], **APV**[154], **APX**[154, 165], **AQW**[154, 305, 346], **AYZ**[264, 266, 436], **BBS**[35, 54, 57, 119, 126, 131, 228, 385, 435], **BBT**[104], **BDH**[35], **BDY**[186, 199], **BDZ**[199, 280, 376], **BEH**[83, 131, 358], **BEJ**[67], **BER**[119], **BFV**[154, 165], **BHL**[206], **BHY**[436], **BIO**[154, 165, 178, 323], **BIX**[224], **BIY**[224], **BJZ**[66], **BLQ**[55], **BLS**[160], **BMW**[68], **BNT**[385], **BOT**[209, 217], **BOX**[86, 168, 176]	**AAB**[447], **AAF**[447], **AAI**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADY**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHJ**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEM**[447], **BHT**[447],

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			BHU[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Bubulcus ibis	D	**AAS**[340], **AAU**[206], **ABG**[385], **ABM**[206], **AFG**[419], **AHV**[206], **AIR**[92], **AJQ**[385], **AQW**[346], **BBP**[383], **BBS**[13, 119, 126, 131], **BDH**[35], **BEG**[28, 364], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BLQ**[394], **BMW**[68]	**AAB**[447], **AAF**[447], **AAI**[447], **AAK**[447], **AAQ**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEP**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFU**[447], **AGY**[447], **AHL**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ATT**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BFX**[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447]
Ardea alba	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ADI**[154], **AEK**[176], **AFG**[419], **AHV**[206], **AIR**[92, 130], **AJQ**[385], **ALL**[154], **ANU**[420], **AOX**[154], **AOZ**[154], **APR**[154], **APX**[20], **APZ**[154], **AQW**[154, 346], **AQY**[6, 154], **BBD**[165], **BBS**[13, 35, 54, 57, 119, 126, 131, 228, 385], **BBT**[104], **BDH**[35], **BDY**[186], **BDZ**[199, 280], **BEF**[58], **BEH**[358], **BEJ**[67], **BGU**[119], **BHL**[206], **BIO**[323], **BIT**[154, 436], **BJZ**[66], **BLQ**[417], **BMW**[68], **BNS**[155], **BOX**[86]	**AAB**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **AAY**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADV**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AQS**[447], **AQW**[447], **AQZ**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BDW**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Ardea cocoi	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AHV**[206], **AIR**[92], **AOX**[154], **AQW**[346], **BBS**[35, 54, 57, 119, 131, 435], **BDH**[35], **BDZ**[280], **BER**[119], **BHL**[206], **BNS**[155, 165]	**AAI**[447], **ADS**[447], **ADY**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGO**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANW**[447], **ANY**[447], **ANZ**[447], **AQW**[447], **ASU**[447], **ATU**[447], **AZZ**[447], **BIQ**[447], **BJM**[447], **BMS**[447], **BMT**[447], **BOR**[447], **BOX**[447]
Syrigma sibilatrix	D	**AAU**[206], **ABM**[206], **AFG**[419], **AHV**[206], **AIR**[92], **AJQ**[385], **BBP**[383], **BBS**[119], **BEF**[58], **BFJ**[69], **BGU**[119], **BHL**[206]	**AAF**[447], **AAQ**[447], **AAY**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADY**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **ALT**[447], **ALZ**[447], **AMS**[447], **AMU**[447], **AMW**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANV**[447], **ANW**[447],

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			ANX[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **BBF**[447], **BBZ**[447], **BCU**[447], **BCV**[447], **BDG**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHZ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJK**[447], **BJN**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447]
Pilherodius pileatus	D, M	**ABG**[385], **AFG**[419], **AHS**[427], **AIN**[344, 350], **AJQ**[385], **APS**[154], **APX**[154], **AQW**[305], **BBS**[13, 35, 54, 57, 119, 131, 435], **BDZ**[199, 280], **BEH**[131, 358], **BHL**[206], **BLQ**[417]	**AAB**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **AAY**[447], **ABE**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFQ**[447], **AMZ**[447], **ANV**[447], **ANY**[447], **AQS**[447], **AQW**[447], **ART**[447], **ARY**[447], **ATU**[447], **AZZ**[447], **BCV**[447], **BDW**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIJ**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKQ**[447], **BKT**[447], **BOX**[447], **BPP**[447]
Egretta thula	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ADK**[154], **AEK**[86], **AHV**[206], **AIR**[92, 130], **AJQ**[385], **AMY**[154], **AOX**[154], **AQW**[346], **AQY**[6], **BBS**[13, 35, 54, 57, 119, 126, 131, 228, 385], **BDH**[35], **BDZ**[280, 376], **BEJ**[67], **BGU**[119], **BHL**[206], **BHY**[436], **BJZ**[66], **BMW**[68], **BNV**[86]	**AAF**[447], **AAQ**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHQ**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANW**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ATU**[447], **BBM**[447], **BCV**[447], **BDW**[447], **BEM**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BKK**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Egretta caerulea	D	**AAU**[206], **ABM**[206], **AHV**[206], **AQW**[346], **BBS**[13], **BDZ**[280], **BHL**[206], **BMW**[68]	**AFL**[447], **AQW**[447]
Mesembrinibis cayennensis	D, M	**AQW**[369], **BBS**[13, 35, 126], **BDH**[35], **BEE**[369], **BFR**[165, 176]	**ADS**[447], **AEO**[447], **AMZ**[447], **ANO**[447], **ASU**[447], **BIQ**[447], **BIU**[447], **BNO**[447]
Theristicus caudatus	D	**BBR**[398]	**AFQ**[447], **ANP**[447], **AQW**[447], **BIR**[447]
Platalea ajaja	D	**AQW**[346]	**AQW**[447], **BIQ**[447], **BJM**[447]
Cathartes aura	D, M	**AAJ**[416], **AAN**[119, 247, 435], **AAU**[206], **AAV**[350], **ABD**[325], **ABG**[385], **ABM**[206], **ADX**[206], **AFG**[419], **AFJ**[119], **AFR**[435], **AGG**[165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 324, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[155, 385], **ANU**[420], **AQU**[296], **AQW**[346], **AQY**[6], **AYZ**[264, 350], **BBP**[343], **BBS**[51, 57, 59, 60, 61, 119, 126, 131, 228, 435], **BBV**[119], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[199, 375], **BEF**[58], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BHU**[37], **BHY**[436], **BIO**[154, 323], **BJZ**[66], **BKY**[416], **BLQ**[55, 300, 394, 397, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86], **BOY**[234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ACJ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AHQ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BBF**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKU**[447], **BKV**[447], **BKX**[447], **BMS**[447], **BMT**[447], **BNO**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BOX[447], **BPP**[447], **BPR**[447]
Cathartes burrovianus	D	**AAN**[247], **AAU**[206], **ABD**[325], **ABM**[206], **ADX**[206], **AHS**[427], **AHV**[206], **AIR**[92], **ANU**[420], **AQU**[296], **AQW**[346], **BBP**[383], **BBS**[13, 51, 54, 57, 59, 60, 61, 119, 126], **BDY**[186], **BDZ**[199], **BEF**[58], **BEG**[364], **BEJ**[67], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[323], **BJZ**[66], **BMW**[68]	**AAB**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGY**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **ANZ**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKX**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Coragyps atratus	D, M	**AAF**[206], **AAJ**[416], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABD**[325], **ABG**[385], **ABM**[206], **ADX**[206], **AFG**[419], **AFJ**[119], **AFR**[435], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 324, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 92, 130], **AJQ**[385], **ANU**[420], **AQU**[296], **AQW**[154, 346], **AQY**[6], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 49, 51, 54, 57, 59, 60, 61, 119, 126, 131, 228], **BBT**[104], **BBV**[119], **BCJ**[296], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 323], **BJZ**[66], **BKY**[416], **BLO**[416], **BLQ**[55, 394, 397, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86], **BOY**[234], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AHP**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCQ**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BDG**[447], **BDW**[447], **BET**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHZ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Sarcoramphus papa	D, M	**AAN**[247], **ABC**[131], **ACO**[154], **AFG**[419], **AFR**[435], **AGG**[7], **AIR**[130], **AJQ**[385], **AQY**[6], **BBS**[13, 51, 57, 59, 60, 61, 119, 126, 131, 228, 435], **BBV**[119], **BBW**[94], **BDY**[186, 436], **BDZ**[280], **BEF**[58], **BEH**[131, 358], **BEI**[176], **BHN**[78], **BLQ**[55, 394, 397, 416], **BLS**[160], **BMW**[68]	**AAX**[447], **ABC**[447], **ACQ**[447], **ADS**[447], **AEU**[447], **AFQ**[447], **AFU**[447], **AHM**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANX**[447], **ANY**[447], **AOT**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **BBF**[447], **BBM**[447], **BEP**[447], **BFX**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BJR**[447], **BKX**[447], **BMM**[447], **BMS**[447], **BMT**[447]
Pandion haliaetus	D	**AIR**[130], **AQW**[346], **BDH**[35], **BDZ**[280], **BEJ**[67]	**AFL**[447], **ANP**[447], **AQW**[447], **ASU**[447], **BNO**[447]
Leptodon cayanensis	D, M	**AAF**[206], **AAU**[206], **ABD**[325], **ABM**[206], **ABR**[219], **AHS**[427], **AHV**[206], **AIN**[277, 324, 344, 350, 436], **AIP**[350], **AIR**[22, 130, 178], **ALW**[154], **ANU**[420], **AOP**[154], **AOZ**[154], **APV**[154], **APW**[176],	**AAF**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFU**[447], **AHP**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		APX[154], **APY**[154], **AQU**[296], **AQW**[154], **AYZ**[264, 266], **BBP**[148, 343], **BBS**[51, 54, 57, 60, 61, 83, 126, 131, 435], **BBW**[94], **BDO**[436], **BDR**[95], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEE**[70], **BEG**[364], **BHL**[206], **BIO**[154, 165, 305], **BLQ**[55, 394], **BMO**[436], **BOQ**[350], **BOX**[168, 176], **BOY**[234, 236, 444]	**ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ATU**[447], **BCV**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BKS**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Chondrohierax uncinatus	D, M	**ABM**[206], **ACJ**[20], **ADJ**[154], **AGG**[7], **AOU**[165], **APX**[20], **APY**[154], **AQW**[165], **BBS**[51, 60, 61, 228], **BDY**[99, 436], **BDZ**[5, 199, 280], **BEN**[142], **BHL**[206], **BOY**[236]	**AAF**[447], **AAQ**[447], **AFL**[447], **AQW**[447], **ASU**[447], **BDW**[447], **BMM**[447], **BMT**[447]
Elanoides forficatus	D, M	**AAU**[206], **ABD**[325], **ABG**[385], **ABM**[206], **AFY**[305], **AGG**[5, 7], **AHS**[427], **AHV**[206], **AIN**[324, 344], **ANU**[420], **AOQ**[305], **APY**[154], **AQU**[296], **AQW**[346], **AQY**[6], **ATW**[217], **AYZ**[436], **BBP**[343], **BBS**[13, 51, 54, 57, 60, 61, 119, 126, 131, 228], **BDY**[186, 199, 436], **BDZ**[5, 199, 280, 305], **BEH**[131, 358], **BEJ**[67], **BHL**[206], **BHN**[133], **BIO**[154, 165], **BMW**[68], **BOX**[86, 165, 170, 217], **BOY**[444]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABE**[447], **ACX**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFU**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANW**[447], **AQW**[447], **ART**[447], **ASU**[447], **ASV**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BMM**[447], **BMT**[447], **BNQ**[447], **BOX**[447]
Elanus leucurus	D	**AAN**[247], **ABG**[385], **AHU**[51], **AIN**[277], **AJQ**[385], **AQU**[296], **AYZ**[264, 266], **BBP**[343], **BBS**[57, 61, 131], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BJZ**[66], **BLQ**[394], **BLS**[160], **BOX**[86], **BOY**[444]	**AAQ**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AFQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANV**[447], **AQV**[447], **ART**[447], **AZZ**[447], **BBY**[447], **BCV**[447], **BDD**[447], **BHT**[447], **BIQ**[447], **BIU**[447], **BMT**[447], **BOX**[447]
Harpagus bidentatus	D, M	**AIN**[277], **APV**[154], **APY**[154], **AYZ**[264], **BBS**[51, 60, 61, 440], **BDZ**[199, 280], **BEE**[299], **BGS**[305]	**AQW**[447], **ASU**[447]
Harpagus diodon	D, M	**ABD**[325], **ABM**[206], **ABR**[219], **AIN**[436], **AKN**[165], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[154], **APY**[154], **AQW**[165, 305], **AYZ**[436], **BBP**[383], **BBS**[51, 59, 60, 61, 119, 126, 440], **BDY**[186, 199, 436], **BDZ**[70, 199, 280], **BGS**[305], **BHL**[206], **BIO**[154, 165, 305, 323], **BOO**[155], **BOY**[236, 444]	**AAF**[447], **AAQ**[447], **AAX**[447], **ABE**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **ALT**[447], **ANO**[447], **ANP**[447], **ANU**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ASV**[447], **AXX**[447], **BHT**[447], **BIO**[447], **BMM**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Circus buffoni	D	**AEW**[61], **AHU**[51], **BDZ**[280], **BMW**[68]	**AQW**[447], **BMT**[447]
Accipiter poliogaster	D, M	**ABD**[325], **AOP**[154], **AYZ**[264], **BBS**[32, 51, 60, 61, 441], **BDZ**[199, 280], **BEK**[61], **BOX**[176, 218]	**BMT**[447], **BNO**[447]
Accipiter striatus	D, M	**ABD**[325], **AIN**[277, 324, 350], **AIP**[350], **AQU**[296], **AYZ**[154], **BBP**[343], **BBS**[51, 59, 60, 61, 440], **BDY**[186, 350, 436], **BDZ**[280], **BEF**[58], **BIO**[154, 165, 178], **BLQ**[55, 84, 394], **BMO**[436], **BOQ**[350], **BOY**[234, 444]	**AAF**[447], **ABE**[447], **AEQ**[447], **AFI**[447], **AFQ**[447], **AMU**[447], **ART**[447], **AXX**[447], **BCV**[447], **BFX**[447]
Accipiter bicolor	D, M	**AFG**[419], **AIQ**[85], **AJQ**[385], **AOP**[154], **AQU**[296], **ARR**[60], **AYZ**[264], **BBP**[383], **BBQ**[165], **BBS**[51, 60, 61, 440], **BBW**[94], **BDZ**[280], **BEF**[58], **BFR**[176], **BGS**[178], **BLQ**[155, 301], **BOY**[234, 444]	**AAE**[447], **ADM**[447], **AEQ**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQS**[447], **AQW**[447], **AXX**[447], **BBF**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIU**[447], **BKT**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Ictinia plumbea	D, M	**AAF**[206], **AAU**[206], **ABG**[385], **ABM**[206], **AGG**[7, 165], **AHS**[427], **AHV**[206], **AKN**[165], **ALP**[165], **ANU**[420], **APX**[5, 20, 154], **AQU**[296], **AQW**[7, 346], **AQY**[6], **AYZ**[264, 350], **BBP**[343], **BBS**[51, 54, 57,	**AAF**[447], **AAI**[447], **AAQ**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGY**[447], **ALZ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		60, 61, 83, 96, 119, 126, 131, 228, **BDY**186, 199, 436, **BDZ**5, 199, 280, 305, **BEG**364, **BEH**131, 358, **BEJ**67, **BEN**142, **BER**119, **BFR**212, 217, **BFV**165, **BGQ**305, **BGV**217, **BHL**206, **BIO**154, **BJZ**66, **BMW**68, **BNT**385, **BOY**234, 236, 444	**AMQ**447, **AMU**447, **AMZ**447, **ANO**447, **ANU**447, **ANW**447, **AQW**447, **ARS**447, **ART**447, **ASU**447, **ASV**447, **AXX**447, **AZZ**447, **BDD**447, **BDW**447, **BEM**447, **BEP**447, **BHV**447, **BIL**447, **BIO**447, **BIQ**447, **BIU**447, **BJJ**447, **BJM**447, **BMM**447, **BMS**447, **BMT**447, **BNO**447, **BNQ**447, **BOX**447, **BPP**447
Rostrhamus sociabilis	D	**AAU**206, **ABM**206, **AHV**206, **ANO**61, **AQW**346, **BBS**51, 61, 119, **BDZ**280, **BEJ**67, **BHL**206, **BMW**68, **BOY**444	**AAI**447, **ADS**447, **AEQ**447, **AES**447, **AMQ**447, **AMU**447, **AMZ**447, **ANO**447, **ANW**447, **ANY**447, **AQW**447, **ART**447, **AST**447, **ASU**447, **ATT**447, **BEI**447, **BEM**447, **BIQ**447, **BJM**447, **BMT**447, **BNO**447, **BOR**447, **BOX**447
Geranospiza caerulescens	D, M	**AAU**206, **ABM**206, **ABR**219, **AGG**7, **AHV**206, **AIN**277, 324, **AIP**154, **AIR**130, **AKQ**116, **ANU**420, **AOP**154, **AOQ**305, **APV**154, **APY**154, **AQU**296, **AQW**305, **AQY**212, **ARR**60, **AYZ**264, 266, **BBP**343, **BBS**51, 57, 60, 61, 440, **BCX**154, **BDY**99, 186, 436, **BDZ**5, 280, 305, **BEF**58, **BEG**364, **BGQ**305, **BHL**206, **BIO**154, **BLS**26, **BMZ**154, **BOY**234, 444	**AAF**447, **AAI**447, **ABE**447, **ADS**447, **AEQ**447, **AES**447, **AEV**447, **AFL**447, **AFQ**447, **ALZ**447, **AMQ**447, **AMU**447, **AMZ**447, **ANO**447, **ANP**447, **ANV**447, **ANW**447, **AQW**447, **ART**447, **ASU**447, **ASV**447, **BCV**447, **BDD**447, **BEP**447, **BHT**447, **BIO**447, **BIR**447, **BIU**447, **BJM**447, **BMM**447, **BMT**447, **BNO**447, **BOX**447
Heterospizias meridionalis	D, M	**AAN**247, **AAU**206, **ABD**325, **ABG**385, **ABM**206, **AFG**419, **AHV**206, **AJQ**385, **AQU**296, **AQW**346, **ATW**119, **BBP**343, **BBS**51, 60, 61, 440, **BDZ**280, **BEF**58, **BEG**364, **BEJ**67, **BER**119, **BGU**119, **BHL**206, **BLQ**55, 394, 417, **BLS**160, **BOX**86, 165, 168, 170, 217, **BOY**444	**AAB**447, **AAE**447, **AAF**447, **AAI**447, **AAQ**447, **AAX**447, **AAY**447, **ABC**447, **ACJ**447, **ACQ**447, **ADM**447, **ADR**447, **ADS**447, **AEQ**447, **AES**447, **AEU**447, **AEV**447, **AFI**447, **AFK**447, **AFL**447, **AFQ**447, **AFU**447, **AGO**447, **AGW**447, **AHK**447, **AHM**447, **ALZ**447, **AMQ**447, **AMS**447, **AMU**447, **ANP**447, **ANS**447, **ANU**447, **ANV**447, **ANW**447, **ANX**447, **ANY**447, **ANZ**447, **AOT**447, **AQR**447, **AQS**447, **AQV**447, **AQW**447, **ARS**447, **ART**447, **ARY**447, **AST**447, **ASU**447, **ASV**447, **ATT**447, **AXX**447, **AZZ**447, **BBY**447, **BCV**447, **BDD**447, **BDG**447, **BDR**447, **BDW**447, **BEM**447, **BET**447, **BFK**447, **BHT**447, **BHU**447, **BII**447, **BIO**447, **BIQ**447, **BIR**447, **BIU**447, **BJM**447, **BJN**447, **BJP**447, **BJS**447, **BKK**447, **BKQ**447, **BKS**447, **BKT**447, **BKV**447, **BKW**447, **BMS**447, **BNO**447, **BOX**447, **BPR**447
Amadonastur lacernulatus	D, M	**AAV**350, **ABD**325, **ADI**154, **AGT**37, **AIN**324, 350, 436, **AIP**350, **AIR**37, **AKQ**73, 116, **ALW**154, **ANU**420, **AOP**154, **AOQ**305, **AOX**154, **APX**20, 73, **AQW**154, **AQY**212, **ARY**39, **AXZ**73, 216, **BBS**23, 50, 51, 59, 60, 61, 73, 126, 131, 433, 442, **BCS**73, **BDR**194, **BDY**73, 186,	**ABE**447, **ADS**447, **AQW**447, **ASU**447, **BIO**447

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		199, 350, 433, **BDZ**73, 280, 433, **BEE**73, 433, **BEO**73, **BIO**73, 154, 165, **BOQ**350, **BOY**236, 444	
Urubitinga urubitinga	D, M	**ABD**325, **ABM**206, **AIN**277, 324, **AQY**6, **BBP**343, **BBS**51, 57, 60, 61, 81, 119, 440, **BDZ**99, 280, **BGS**157, 178, **BHL**206, **BLQ**178, 395, **BOY**236	**AAI**447, **AMQ**447, **ASU**447, **BIQ**447
Urubitinga coronata	D, M	**AAO**30, **ABM**206, **AFG**419, **AHU**51, **ALL**154, **ASU**32, **BBR**226, **BBS**61, **BEF**58, **BHL**206, **BLQ**300, **BPR**385	**AAF**447, **ABC**447, **ACJ**447, **AMS**447, **ANV**447, **ANZ**447, **AOT**447, **ART**447, **ASU**447, **AXX**447, **BCV**447, **BFX**447, **BIL**447, **BJK**447, **BKP**447, **BKT**447
Rupornis magnirostris	D, M	**AAF**206, **AAJ**416, **AAN**247, **AAU**206, **AAV**350, **ABC**131, **ABD**325, **ABG**385, **ABM**206, **ACC**154, **ACD**176, **ADI**154, **ADJ**154, **ADQ**176, **ADX**206, **AEK**176, **AFG**419, **AFJ**119, **AFK**176, **AGG**165, **AHM**72, 385, **AHS**427, **AHV**206, **AHW**154, **AIL**436, **AIN**324, 344, 350, 436, **AIP**350, **AIQ**85, **AIR**22, 92, 130, 385, **AJQ**385, **AKN**165, **AKQ**116, **ALS**165, **ALW**154, **ANU**420, **AOO**154, **AOP**154, **AOW**176, **AOX**154, **APV**154, **APX**20, 154, **APY**154, **APZ**154, **AQU**296, **AQW**7, 154, 165, 346, **AQY**5, 6, **ATW**116, **ATY**155, **AXZ**216, **AYZ**154, 350, 436, **BBF**131, **BBP**343, **BBS**13, 51, 54, 57, 59, 60, 61, 70, 119, 126, 131, 228, 385, 435, **BBV**119, **BBW**94, **BDO**436, **BDY**96, 186, 199, 350, 436, **BDZ**70, 199, 280, **BEF**58, **BEH**119, 131, 358, **BEJ**67, **BEN**142, **BER**119, **BFR**209, 217, **BFV**154, **BGU**119, **BGV**216, **BHL**206, **BHN**133, **BHU**163, **BHY**436, **BIO**154, 163, 165, 323, **BJZ**66, **BLQ**55, 300, 394, 395, 397, 416, 417, **BLS**160, **BMO**436, **BMU**83, 395, **BMW**68, **BNT**385, **BOQ**350, **BOX**86, 165, 168, 176, **BOY**234, 444, **BPR**385	**AAE**447, **AAF**447, **AAI**447, **AAQ**447, **ABC**447, **ABE**447, **ACJ**447, **ACQ**447, **ADM**447, **ADR**447, **ADS**447, **AEI**447, **AEL**447, **AEQ**447, **AES**447, **AEU**447, **AEV**447, **AFL**447, **AFQ**447, **AFW**447, **AGY**447, **AHM**447, **AHP**447, **AIJ**447, **ALT**447, **ALZ**447, **AMQ**447, **AMS**447, **AMU**447, **AMX**447, **ANN**447, **ANO**447, **ANP**447, **ANR**447, **ANU**447, **ANV**447, **ANW**447, **ANY**447, **AOT**447, **AQS**447, **AQV**447, **AQW**447, **ARS**447, **ART**447, **ARY**447, **AST**447, **ASU**447, **ASV**447, **AZZ**447, **BBM**447, **BCT**447, **BCV**447, **BDD**447, **BDG**447, **BDR**447, **BDW**447, **BEI**447, **BEM**447, **BEP**447, **BET**447, **BFK**447, **BFX**447, **BHT**447, **BHU**447, **BHW**447, **BII**447, **BIO**447, **BIQ**447, **BIR**447, **BIU**447, **BJM**447, **BJN**447, **BJR**447, **BJS**447, **BKK**447, **BKS**447, **BKT**447, **BKV**447, **BKW**447, **BKX**447, **BMM**447, **BMS**447, **BMT**447, **BNO**447, **BNQ**447, **BOX**447, **BPR**447
Geranoaetus melanoleucus	D	**AAN**247, **AAU**206, **ABM**206, **AFG**419, **AHV**206, **ANU**118, **AQU**296, **BBV**119, **BCM**118, **BEF**58, **BHL**206, **BLQ**118, 317, 319, 394, 397, 416, **BLS**160	**AAF**447, **AAI**447, **ACJ**447, **AEU**447, **AFL**447, **AFQ**447, **AMU**447, **ANS**447, **ANU**447, **ANW**447, **AQV**447, **ART**447, **ARY**447, **AXX**447, **BFX**447, **BHU**447
Geranoaetus albicaudatus	D, M	**AAN**119, 247, 435, **AAU**206, **ABD**325, **ABG**385, **ABM**206, **AEK**174, **AHS**427, **AHV**206, **AIN**324, 344, **AIR**130, **AJQ**385, **AQU**296, **AQW**346, **ATW**165, **AYZ**436, **BBP**343, **BBS**51, 57, 60, 61, 119, 126, 131, **BCD**121, **BCJ**296, **BDY**186, **BDZ**280, **BEF**58, **BEJ**67, **BER**119, **BGU**119, **BHL**206, **BHY**436, **BIO**154, 323, **BJZ**66, **BLO**416, **BLQ**300, 394, 397, 416, **BLS**160, **BMW**68, **BOQ**350, **BOX**86, 176, **BOY**444	**AAB**447, **AAE**447, **AAF**447, **AAI**447, **AAQ**447, **AAY**447, **ABC**447, **ABE**447, **ACJ**447, **ACQ**447, **ADM**447, **ADR**447, **AEQ**447, **AES**447, **AEU**447, **AEV**447, **AFI**447, **AFK**447, **AFL**447, **AFQ**447, **AGO**447, **AHQ**447, **AIJ**447, **ALT**447, **ALZ**447, **AMP**447, **AMQ**447, **AMS**447, **AMT**447, **AMU**447, **ANO**447, **ANP**447, **ANS**447, **ANV**447, **ANW**447, **AOT**447, **AQS**447, **AQV**447, **AQW**447, **ARS**447, **ART**447, **ARY**447, **AST**447, **ASU**447, **ATU**447, **AXX**447, **AZZ**447, **BBM**447, **BCV**447, **BCY**447, **BDD**447, **BDG**447, **BEI**447, **BEM**447,

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Pseudastur polionotus	D, M	**ABD**[325], **AFG**[419], **AGG**[165], **AHM**[385], **AHS**[427], **AIN**[277, 324, 350, 436], **AIP**[350], **AIQ**[85], **AQY**[5, 6, 7], **ARY**[209, 212, 217, 361], **ARZ**[442], **AYZ**[264, 266], **BBS**[51, 57, 59, 60, 61, 126, 131], **BDY**[186, 350, 436], **BDZ**[99, 199, 280], **BGS**[305], **BLQ**[62, 158, 394, 442], **BOQ**[350]	**AAX**[447], **ABC**[447], **ACQ**[447], **AEU**[447], **AHM**[447], **ANO**[447], **AQW**[447], **ARY**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447]
Buteo nitidus	D	**AIN**[277], **AYZ**[264], **BBP**[343], **BDZ**[280], **BOY**[236, 444]	**AFL**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BJM**[447], **BMT**[447]
Buteo brachyurus	D	**ABD**[325], **ABM**[206], **ABR**[219], **AJQ**[385], **ANU**[420], **AQU**[296], **AYZ**[350, 436], **BBP**[343], **BBS**[51, 60, 61, 440], **BBV**[119], **BDY**[186, 199, 436], **BDZ**[70, 280], **BEF**[58], **BHL**[206], **BLQ**[394, 397], **BMO**[436], **BOY**[234, 236, 444]	**AAB**[447], **AAF**[447], **AAI**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AHQ**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **BCV**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BKT**[447], **BMM**[447], **BOX**[447]
Buteo albonotatus	D	**AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **ABR**[219], **AHV**[206], **AJQ**[385], **BBP**[383], **BBS**[51, 61], **BHL**[206], **BHU**[37], **BHY**[436], **BLQ**[394, 395, 397, 416], **BOY**[444]	**AAF**[447], **AAI**[447], **AAQ**[447], **ADM**[447], **AEQ**[447], **AFL**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANW**[447], **AQR**[447], **AQV**[447], **AQW**[447], **ART**[447], **ATU**[447], **BCT**[447], **BDW**[447], **BHT**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BKQ**[447], **BMM**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Harpia harpyja	D, M	**AFL**[165], **AFM**[7], **AGG**[196], **AIN**[277], **ALL**[30], **AQW**[30], **AQY**[5, 6, 319], **AYZ**[264], **BBS**[99, 318], **BCK**[134, 319], **BDY**[99, 185, 186, 196, 436], **BDZ**[99, 201, 280], **BEE**[4, 106, 134, 196, 203, 367], **BIO**[30, 154], **BMZ**[30, 154]	**AQW**[447], **BIO**[447], **BMT**[447]
Spizaetus tyrannus	D, M	**AAV**[350], **AAZ**[327], **ABD**[325], **ABM**[206], **ACR**[295], **ACS**[295], **ACT**[295], **ADX**[206], **AFR**[327], **AHK**[151, 327], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 324, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[119], **AJQ**[385], **ALT**[418], **ANU**[420], **AQY**[6], **ARR**[60], **AYZ**[264, 350, 436], **BBP**[343], **BBS**[51, 52, 57, 59, 60, 61, 126, 440], **BCP**[165], **BDY**[185, 186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BGI**[295], **BGV**[52], **BHL**[206], **BIO**[154, 165, 374], **BJO**[295], **BLQ**[55, 417], **BMO**[436], **BMW**[68], **BMZ**[154], **BNX**[296], **BOQ**[350], **BOT**[209, 217], **BOY**[52, 236, 444], **BPR**[385]	**AAC**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ARS**[447], **ART**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BMY**[447], **BOX**[447]
Spizaetus melanoleucus	D, M	**ABR**[219], **AIN**[436], **AMQ**[32], **AQW**[154], **ASW**[396], **BBS**[49, 51, 52, 59, 60, 61, 126, 158], **BDY**[185, 186, 436], **BDZ**[99, 199, 280], **BEG**[364], **BEH**[358, 396], **BGV**[52], **BJU**[32], **BLQ**[394], **BLS**[160], **BMS**[32], **BNT**[385], **BNX**[296], **BOX**[442], **BOY**[236]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ADM**[447], **AES**[447], **AFL**[447], **AFU**[447], **AMQ**[447], **ANO**[447], **ANP**[447], **AQV**[447], **AQW**[447], **ARY**[447], **ASU**[447], **BBF**[447], **BHT**[447], **BIO**[447],

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Spizaetus ornatus	D, M	**AAB**[91], **AAI**[32], **AEK**[167], **AHK**[151], **AIN**[277], **AYZ**[264], **BBJ**[91], **BBS**[51, 52, 59, 60, 61, 126, 440], **BDR**[176], **BDY**[185, 186], **BDZ**[99, 280], **BEG**[364], **BIO**[154], **BLQ**[442], **BOX**[166], **BOY**[236]	**AAZ**[447], **AFQ**[447], **AMZ**[447], **ANP**[447], **AQW**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BKQ**[447], **BMT**[447]
Aramus guarauna	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AHV**[206], **APQ**[154], **AQW**[346], **AYZ**[264], **BBS**[35], **BDH**[35], **BDZ**[199, 280, 376], **BEJ**[67], **BHL**[206], **BMW**[68]	**AAI**[447], **ACJ**[447], **ADY**[447], **AEQ**[447], **AES**[447], **AFL**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANW**[447], **ANY**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BIQ**[447], **BMS**[447], **BMT**[447], **BOX**[447], **BPP**[447]
Aramides cajaneus	D, M	**AAN**[247], **ABG**[385], **ABM**[206], **AGG**[165], **AJQ**[385], **AOP**[154], **APP**[165], **APS**[154], **APX**[154], **APY**[154], **AQW**[305, 346], **AQY**[6, 209], **BBS**[35, 54, 57, 70, 131], **BBW**[94], **BDH**[35], **BDZ**[199, 280], **BEH**[131, 358], **BEJ**[67], **BEX**[165], **BGS**[178], **BHL**[206], **BIO**[323], **BLQ**[55, 394], **BLS**[160], **BMW**[68]	**ANP**[447], **AQW**[447], **BEM**[447], **BJM**[447]
Aramides saracura	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABR**[219], **ACK**[20], **ADX**[206], **AEG**[144], **AEK**[86], **AFG**[419], **AFK**[144], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[385], **ALR**[165], **ANU**[420], **AOQ**[165, 305], **AQY**[6], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 70, 126, 127, 131, 435], **BBW**[94], **BBY**[144, 145], **BDY**[96, 186, 350, 436], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BER**[119], **BGU**[119], **BHY**[436], **BIO**[154, 165, 178], **BJZ**[66], **BLQ**[83, 155, 300, 394, 417], **BLS**[160], **BNT**[385], **BOQ**[350], **BOX**[86, 144, 165, 176, 294], **BOY**[145, 234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **ALT**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKK**[447], **BKQ**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Amaurolimnas concolor	D, M	**AFG**[419], **BBD**[165], **BBS**[147], **BDF**[154], **BJW**[147], **BLQ**[417], **BOX**[147]	**ACQ**[447], **ANP**[447], **AQW**[447], **ARY**[447], **AXX**[447]
Laterallus viridis	D, M	**AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[154], **AQW**[154, 305], **BEE**[154]	**AQW**[447]
Laterallus melanophaius	D, M	**ADK**[154], **AEK**[86, 176], **AIN**[277, 436], **AIR**[130], **AJQ**[385], **AKL**[155], **AOX**[154], **AOZ**[154], **APR**[154], **APX**[165], **AQW**[154, 305, 346], **AQY**[209], **BBS**[57, 131], **BDY**[199], **BDZ**[199, 280], **BGS**[165], **BIO**[154, 163, 165], **BLQ**[417], **BMW**[68], **BOX**[165, 176, 294, 380]	**AAF**[447], **AEQ**[447], **AES**[447], **AMU**[447], **ANY**[447], **ART**[447], **BCV**[447], **BDD**[447], **BHT**[447], **BMT**[447], **BOX**[447]
Laterallus exilis	D	**BDZ**[99]	**ASU**[447], **BIU**[447]
Laterallus leucopyrrhus	D, M	**ADT**[383], **AEK**[86], **BBP**[383], **BOX**[86, 165, 176, 294]	**ABE**[447], **ANP**[447], **BFX**[447], **BOX**[447]
Mustelirallus albicollis	D, M	**AAN**[247, 435], **ABG**[385], **ABM**[206], **ADX**[206], **AEK**[176], **AHS**[427], **AHV**[206], **AIN**[277, 436], **AIR**[130], **AJQ**[385], **ALW**[154], **ANU**[420], **AOX**[154], **APR**[154], **APS**[154], **APV**[154], **APX**[154],	**AAF**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AHM**[447], **AMU**[447], **ANW**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **BCT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AQW[154, 305, 346], **AYZ**[264], **BBF**[131], **BBP**[343], **BBS**[54, 57, 126, 131, 435], **BDQ**[154], **BDR**[116], **BDY**[99], **BDZ**[199, 280], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BFR**[211], **BGU**[119], **BGV**[216], **BHL**[206], **BIO**[154, 165, 178], **BIX**[224], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BNZ**[154], **BOX**[86, 168, 176], **BOY**[234]	**BEP**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BKQ**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Pardirallus nigricans	D, M	**AAF**[206], **AAN**[435], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AEG**[176], **AEK**[176], **AGG**[7], **AGK**[157, 178], **AHS**[427], **AHV**[206], **AIJ**[176], **AIN**[277, 344, 436], **AIR**[83, 92], **AJQ**[385], **AMQ**[83], **AMR**[154], **ANU**[420], **AOQ**[165, 305], **AOX**[154], **APX**[154], **AQW**[154, 346], **AYZ**[70, 154, 264, 266, 350], **BBP**[343], **BBS**[54, 70, 126, 131, 228, 385, 435], **BDY**[70, 154, 186, 199, 378, 436], **BDZ**[199, 280, 305, 376], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154, 163, 165, 323, 374], **BLQ**[55, 300, 394, 417], **BMO**[436], **BMW**[68], **BNT**[385], **BNV**[86], **BOX**[86, 168, 176, 294], **BOY**[234], **BOZ**[154], **BPR**[385]	**AAC**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **ALZ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANY**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ATU**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BKT**[447], **BMM**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Gallinula galeata	D, M	**AAL**[154], **AAU**[206], **ABG**[385], **ABM**[206], **ABZ**[154], **ACQ**[176], **AEK**[86], **AGM**[154], **AHV**[206], **AIR**[92, 130], **ANU**[420], **APX**[154], **AQW**[346], **AQY**[209], **AYZ**[264], **BBS**[35, 54, 57, 126, 131, 228, 435], **BDH**[35], **BDR**[116], **BDZ**[280], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BHL**[206], **BHY**[436], **BIO**[154], **BJZ**[66], **BMW**[68], **BOX**[86, 176]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAY**[447], **ABB**[447], **ACJ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFK**[447], **AFL**[447], **AGW**[447], **AGY**[447], **AHN**[447], **AHY**[447], **ALZ**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **AMZ**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BBY**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BMS**[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPP**[447]
Porphyrio martinicus	D, M	**AAU**[206], **ABD**[154], **ABG**[385], **ABM**[206], **AEK**[86, 176], **AHS**[427], **AHV**[206], **AIN**[277], **AIR**[92], **AKN**[165], **ALW**[154], **AOO**[154], **AOX**[154], **APQ**[154], **APS**[154], **APV**[154], **APX**[165], **AQW**[154, 304, 305, 346], **AQY**[5, 6, 7, 165, 212], **ARY**[209], **ATY**[155], **AYZ**[264], **BBS**[35, 54, 57, 83, 131, 435], **BDH**[35], **BDR**[116], **BDY**[154], **BDZ**[199, 280, 376], **BEJ**[67], **BFR**[209, 217], **BHL**[206], **BIO**[154, 165], **BJZ**[66], **BMW**[68], **BOX**[168, 176]	**AAF**[447], **AAI**[447], **AAT**[447], **ACJ**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGW**[447], **AGY**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANZ**[447], **AQV**[447], **AQW**[447], **ARS**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BCV**[447], **BCY**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BHU**[447], **BIJ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BJM**[447], **BKK**[447], **BKS**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Heliornis fulica	D, M	**AOY**[154], **APV**[154], **APX**[154], **AQW**[154, 303, 304], **AQY**[6, 154], **BBS**[35, 228], **BDH**[35], **BDZ**[99, 280], **BGS**[178]	**AFL**[447]
Vanellus cayanus	D, M	**ABG**[385], **AIR**[130], **APX**[165], **AQY**[6, 154, 165], **ATW**[116], **BBD**[165], **BBS**[57], **BDZ**[280],	**AAI**[447], **ADS**[447], **AFL**[447], **AMQ**[447], **ANO**[447], **AQW**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BEY[116], **BNT**[385]	**AST**[447], **ASU**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNP**[447]
Vanellus chilensis	D, M	**AAF**[206], **AAL**[154], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **AFG**[419], **AFJ**[119], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 436], **AIR**[92, 130], **AJQ**[385], **ANU**[420], **AOX**[154], **APX**[154, 165], **AQW**[154, 305, 346], **AQY**[6], **AYZ**[350, 436], **BBP**[343], **BBS**[13, 35, 54, 57, 119, 126, 131, 228, 385, 435], **BBT**[104], **BDH**[35], **BDO**[436], **BDY**[186, 436], **BDZ**[199, 280, 376], **BEF**[58], **BEH**[358], **BEJ**[67], **BER**[119], **BFV**[165], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 323], **BJZ**[66], **BLQ**[394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BNV**[86], **BOX**[168, 176], **BOZ**[154], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAK**[447], **AAQ**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **AHP**[447], **AIJ**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **ANX**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCH**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BHZ**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKT**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Pluvialis squatarola	D	**AYZ**[264, 266], **BDZ**[280]	**AQW**[447]
Charadrius semipalmatus	D, M	**ACU**[165], **BDZ**[280]	**AQW**[447]
Charadrius collaris	D, M	**APX**[165], **BDZ**[280], **BEY**[116]	**ADS**[447], **AFL**[447], **AQW**[447], **BNO**[447]
Himantopus melanurus	D	**AIR**[92], **AQW**[346], **BDZ**[280], **BMW**[68]	**AAI**[447], **AFL**[447], **AFW**[447], **AMM**[447], **AMQ**[447], **ANO**[447], **ANW**[447], **AQW**[447], **ASU**[447], **BEM**[447], **BIQ**[447], **BMS**[447], **BNO**[447], **BNP**[447], **BPP**[447]
Gallinago paraguaiae	D, M	**AAN**[247], **AEK**[176], **AGN**[7, 165], **AIN**[277], **AJQ**[385], **AOX**[154], **APX**[154, 165], **AQY**[5, 6], **AYZ**[264], **BBP**[343], **BDR**[116], **BDY**[70, 199], **BDZ**[199, 280, 376], **BIO**[154, 163, 165], **BLQ**[394], **BLS**[160], **BOX**[86, 165, 168, 176]	**AQV**[447], **AQW**[447], **ARS**[447], **BIQ**[447], **BMS**[447]
Gallinago undulata	D, M	**AAN**[119, 247], **AAU**[206], **ABM**[206], **AHV**[206], **AIJ**[176], **AIN**[277], **AJQ**[385], **AYZ**[264], **BBP**[343], **BDR**[116], **BDX**[154], **BDZ**[280], **BEF**[58], **BHL**[206], **BLQ**[417], **BOX**[86, 165, 168, 176]	**ADM**[447], **AEQ**[447], **AMU**[447], **ANN**[447], **AQV**[447], **ASU**[447], **AXX**[447], **BCT**[447], **BHU**[447], **BKT**[447]
Actitis macularius	D, M	**ABG**[385], **AIR**[130], **AQW**[346], **AQY**[165], **BDZ**[280], **BEJ**[67], **BIO**[154], **BMW**[68], **BOX**[86]	**ACJ**[447], **AFL**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BIJ**[447], **BNO**[447]
Tringa solitaria	D, M	**AAU**[206], **AIN**[277], **AQW**[165, 346], **AYZ**[264, 266], **BBS**[54, 197], **BDZ**[280, 376], **BEJ**[67], **BHY**[436], **BIO**[154], **BMW**[68], **BNV**[86], **BOX**[176]	**AEQ**[447], **AFL**[447], **ALZ**[447], **AMQ**[447], **AMZ**[447], **ANO**[447], **ANW**[447], **ANY**[447], **AQW**[447], **ASU**[447], **AZZ**[447], **BEI**[447], **BIQ**[447], **BJM**[447], **BMT**[447], **BNP**[447], **BOX**[447]
Tringa melanoleuca	D	**AIR**[92]	**AQW**[447]
Tringa flavipes	D, M	**AIR**[130], **APX**[165]	**AQW**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Arenaria interpres	D	**BDZ**[280]	**AQW**[447]
Calidris alba	D, M	**BDF**[154], **BDZ**[280]	**AQW**[447]
Calidris fuscicollis	D, M	**APX**[165]	**AQW**[447]
Jacana jacana	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AEK**[86, 176], **AGK**[157, 178], **AHV**[206], **AIN**[277], **AIR**[92, 130], **AJQ**[385], **AOQ**[165, 305], **AOX**[154], **AOZ**[154], **APQ**[154], **APR**[154], **APS**[154], **APV**[154], **APX**[154, 165], **APY**[154], **AQW**[154, 305, 346], **AQY**[6], **AYZ**[264], **BBS**[13, 35, 54, 57, 119, 126, 131, 228, 385, 435], **BDH**[35], **BDO**[436], **BDZ**[199, 280, 376], **BEJ**[67], **BGU**[119], **BGV**[217], **BHL**[206], **BHY**[436], **BIO**[154, 165], **BJZ**[66], **BLQ**[417], **BLS**[160], **BMW**[68], **BNV**[86], **BOX**[168, 170, 176, 217]	**AAF**[447], **AAH**[447], **AAI**[447], **AAK**[447], **AAY**[447], **ACJ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGY**[447], **AHJ**[447], **AHY**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BHT**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BKK**[447], **BMS**[447], **BMT**[447], **BOR**[447], **BOX**[447]
Phaetusa simplex	D, M	**APX**[20, 165], **AQW**[346], **BEJ**[67], **BMW**[68]	**AFL**[447], **AFU**[447], **ANO**[447], **AQW**[447], **AST**[447], **ASU**[447], **BMT**[447]
Rynchops niger	D, M	**AQW**[346], **AQY**[195, 212, 445]	**AFL**[447], **AQW**[447], **BMT**[447]
Columbina minuta	D, M	**AJQ**[385], **APR**[154], **AQW**[346], **BDZ**[280], **BEJ**[67], **BIO**[154], **BJZ**[66], **BMW**[68]	**ALZ**[447], **AQW**[447], **ASU**[447], **BJM**[447]
Columbina talpacoti	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ADI**[154], **ADJ**[154], **AEK**[176], **AEY**[155], **AFG**[419], **AFJ**[119], **AFM**[165], **AGG**[165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[22, 92, 130, 385], **AJQ**[83, 155, 385], **AMR**[154], **AMV**[178], **AMY**[154], **ANU**[420], **AOO**[154], **AOP**[154], **AOZ**[154], **APQ**[154], **APR**[154], **APV**[154], **APX**[154], **AQW**[154, 346], **AQY**[6], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 119, 126, 131, 187, 228, 435], **BBT**[104], **BBV**[119], **BBY**[145], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[96, 199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFR**[212, 217], **BGU**[119], **BHI**[164], **BHL**[206], **BHY**[436], **BIO**[154, 163, 165, 323], **BJZ**[66], **BLQ**[55, 300, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOX**[46, 86, 165, 168, 176], **BOY**[234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **AAX**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADW**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHJ**[447], **AHL**[447], **AHN**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCT**[447], **BCU**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIP**[447], **BIQ**[447], **BIU**[447], **BJJ**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BJU**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Columbina squammata	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **AFG**[419], **AFJ**[119], **AFL**[319],	**AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AHM[385], **AHV**[206], **AIL**[436], **AIR**[22, 92, 130], **AJQ**[83, 155, 385, 400], **ANR**[154], **ANU**[420], **AQW**[346], **AYZ**[264, 436], **BBS**[54, 57, 70, 119, 131, 435], **BBT**[104], **BBV**[119], **BDR**[116, 165], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[155], **BGU**[119], **BHL**[206], **BHY**[436], **BLQ**[55, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOP**[436], **BOX**[86, 168, 170], **BPR**[385]	**AAX**[447], **AAZ**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **AHK**[447], **AHM**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANS**[447], **ANU**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDW**[447], **BEI**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKO**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BPP**[447], **BPR**[447]
Columbina picui	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AHV**[206], **AIR**[92, 130], **AOP**[154], **APR**[154], **AQW**[154, 346], **AZZ**[119], **BBS**[57, 126, 131], **BEN**[142], **BEW**[155], **BHL**[206], **BHY**[436], **BMW**[68]	**AAF**[447], **AAI**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFU**[447], **AFW**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **AST**[447], **AZZ**[447], **BCV**[447], **BDR**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BKK**[447], **BMT**[447]
Claravis pretiosa	D, M	**AAV**[350], **ABM**[206], **ABR**[219], **AFG**[419], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[83, 92, 130], **AJQ**[155, 385], **AJW**[155], **AKN**[165], **APX**[154], **AQW**[165], **AQY**[212], **ARY**[212], **ATV**[155], **AUZ**[176], **AWX**[407], **AXZ**[217], **AYZ**[264, 266], **BBP**[343], **BBS**[57, 83, 119, 126, 131, 176, 228], **BBW**[94], **BDR**[95], **BDY**[186, 350, 436], **BDZ**[70, 199, 280], **BEG**[364], **BES**[152], **BGV**[217], **BHL**[206], **BIO**[154, 163], **BLQ**[83, 301], **BLY**[155], **BOQ**[350], **BOX**[165], **BOY**[234, 236]	**AAF**[447], **ABC**[447], **ACQ**[447], **ADS**[447], **AES**[447], **AFQ**[447], **AHM**[447], **AMS**[447], **AMZ**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BIO**[447], **BIQ**[447], **BJN**[447], **BMS**[447], **BMT**[447], **BNO**[447]
Columba livia	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AHS**[427], **AHV**[206], **AIR**[130], **AJQ**[385], **AQW**[154, 346], **BBP**[343], **BBS**[119], **BBT**[104], **BER**[119], **BGU**[119], **BHL**[206], **BIO**[323], **BLS**[160], **BMW**[68]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **ACQ**[447], **ADS**[447], **ADV**[447], **AEQ**[447], **AES**[447], **AFF**[447], **AFI**[447], **AFL**[447], **AGW**[447], **AHJ**[447], **AMQ**[447], **ANO**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **BCQ**[447], **BCV**[447], **BDD**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIR**[447], **BJQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Patagioenas speciosa	D, M	**AAN**[247], **AAU**[206], **ABM**[206], **ADJ**[154], **AHV**[206], **AIN**[277], **AOX**[154], **APR**[154], **APV**[154], **APX**[154], **APY**[154], **AQW**[154], **BDZ**[199, 280], **BEE**[70], **BHL**[206]	**AQW**[447], **BMT**[447]
Patagioenas picazuro	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ADX**[206], **AEG**[144], **AEK**[176, 431], **AFG**[419], **AFJ**[119], **AFK**[144], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350],	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AIQ[85, 119], **AIR**[92], **AJQ**[83, 155, 385, 395], **ANU**[420], **AQW**[346], **AQY**[6], **BBS**[13, 57, 70, 119, 126, 131, 228, 385], **BBV**[119], **BBY**[29, 144], **BDO**[436], **BDY**[186], **BDZ**[199], **BEF**[58], **BEG**[364], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154, 323], **BJZ**[66], **BLQ**[300, 394, 417], **BLS**[26, 160], **BMW**[68], **BNT**[385], **BOX**[144, 176], **BOY**[145, 234], **BPR**[385]	**AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **AHJ**[447], **AHQ**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ASZ**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCQ**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BIZ**[447], **BJJ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Patagioenas cayennensis	D, M	**AAF**[206], **AAN**[247], **ABM**[206], **ADF**[155], **ADX**[206], **AFG**[419], **AFL**[178], **AFM**[381], **AGG**[7, 165], **AHS**[427], **AIN**[344, 436], **AIR**[130], **AJQ**[385], **AKN**[165], **ANU**[420], **AOX**[154], **APQ**[154], **AQW**[165, 346], **AQY**[5, 6], **AVX**[176], **BBF**[131], **BBP**[343], **BBS**[54, 57, 126, 131, 385, 435], **BBT**[104], **BBW**[94], **BDE**[176], **BDY**[350], **BDZ**[199, 280], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BFR**[176], **BGU**[119], **BHL**[206], **BHN**[133], **BJZ**[66], **BLQ**[394, 397], **BLS**[160], **BMW**[68], **BOQ**[350], **BOX**[86, 168, 176], **BOY**[86, 234]	**AAC**[447], **AAF**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFW**[447], **AGW**[447], **AMU**[447], **ANP**[447], **ANV**[447], **AQW**[447], **ART**[447], **ASU**[447], **ASV**[447], **BCV**[447], **BDD**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIR**[447], **BMT**[447], **BOX**[447]
Patagioenas plumbea	D, M	**AAN**[247], **AAU**[206], **AAV**[350], **ABM**[206], **AFG**[419], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[155, 385], **ANU**[420], **AQY**[6], **AYZ**[264], **BBP**[237, 343], **BBS**[54, 57, 131, 385], **BBW**[94], **BDY**[96, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[131, 358], **BHL**[206], **BIO**[154, 165, 374], **BLQ**[55, 83, 155, 163, 298, 300, 301, 394, 417], **BMO**[436], **BNT**[385], **BOQ**[350], **BOT**[212, 217], **BOX**[165, 170, 217]	**AAF**[447], **AAQ**[447], **ABE**[447], **ACQ**[447], **AEU**[447], **AFQ**[447], **AMS**[447], **ANU**[447], **ANV**[447], **ARY**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BKP**[447], **BKX**[447]
Zenaida auriculata	D	**AAN**[247], **ABM**[206], **AFG**[419], **AQY**[6], **BBF**[131], **BBP**[343], **BEF**[58], **BER**[119], **BHL**[206], **BOX**[168]	**AAB**[447], **AAF**[447], **AAI**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASV**[447], **ATU**[447], **BCQ**[447], **BIO**[447], **BIP**[447], **BIU**[447], **BJM**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Leptotila verreauxi	D, M	**AAF**[206], **AAR**[176], **AAU**[206], **AAV**[154, 350], **ABC**[131], **ABG**[385], **ABM**[206], **ADX**[206], **AFG**[419], **AFL**[178], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[155, 385], **AKN**[165], **ANU**[420], **AOQ**[165], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[154, 165], **AQW**[154, 346], **AQY**[6], **ATV**[155], **ATW**[217], **AYZ**[154, 264, 266, 350], **BBF**[131, 217], **BBP**[343], **BBS**[13, 54, 57, 126, 128, 131, 187, 385, 435], **BBV**[119], **BBW**[94], **BDO**[436], **BDR**[95, 116, 165], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[131, 358],	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABE**[447], **ACJ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **ALZ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ASV**[447], **AXX**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BEJ[67], **BER**[119], **BEY**[116], **BFG**[155], **BGS**[165, 178], **BGU**[119], **BGV**[217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 165], **BJZ**[66], **BLQ**[55, 83, 155, 301, 394, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BNV**[86], **BOQ**[350], **BOX**[86, 163, 176], **BOY**[234, 236], **BOZ**[154], **BPR**[385]	**BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Leptotila rufaxilla	D, M	**AAF**[206], **AAV**[350], **ABM**[206], **ABR**[219], **AHS**[427], **AHU**[120], **AHV**[206], **AIJ**[176], **AIL**[165, 178], **AIN**[344, 350, 436], **AIP**[154, 350], **AIQ**[85, 119], **AIR**[92, 130], **ANU**[420], **AQW**[165], **AYZ**[154, 350, 436], **BBP**[343], **BBS**[83, 124, 126, 131, 228, 435], **BBW**[94], **BDY**[186, 350], **BDZ**[199], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEN**[142], **BER**[119], **BHL**[206], **BIO**[323], **BJW**[176], **BJZ**[66], **BLQ**[155, 300, 301, 394], **BLS**[160], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 170, 176, 217], **BOY**[234, 236]	**AAF**[447], **AAQ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFW**[447], **AMS**[447], **ANO**[447], **ANU**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BEP**[447], **BHW**[447], **BIO**[447], **BJN**[447], **BJS**[447], **BKT**[447], **BMS**[447], **BOX**[447]
Geotrygon violacea	D, M	**AQY**[6], **ATW**[217], **BBS**[124], **BDZ**[70, 201], **BFV**[165]	**AQW**[447], **BMT**[447]
Geotrygon montana	D, M	**AAV**[350], **ABM**[206], **ABR**[219], **ADX**[206], **AEZ**[154], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[154, 350], **AIR**[92, 130, 385], **AJQ**[385], **ALW**[154], **AOX**[154], **ARY**[176], **AYZ**[154, 264, 266], **BBP**[237], **BBS**[96, 126, 127, 128, 131, 435], **BBW**[94], **BDY**[154, 186, 199, 350, 436], **BDZ**[199, 280], **BEG**[364], **BEN**[142], **BHL**[206], **BHN**[78], **BIO**[154, 163, 165], **BLQ**[155, 300, 301, 417], **BOQ**[350], **BOY**[236], **BPR**[385]	**AAF**[447], **ABB**[447], **ABE**[447], **ACJ**[447], **AEQ**[447], **AES**[447], **AQW**[447], **ART**[447], **ASU**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Piaya cayana	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ADJ**[154], **ADX**[206], **AEZ**[154], **AFG**[419], **AFH**[176], **AFJ**[119], **AFM**[381], **AFR**[435], **AGG**[7, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIJ**[176], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJQ**[83, 155, 385], **AKN**[165], **AKQ**[116], **ALP**[165], **ALW**[154], **AMR**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **AOW**[176], **AOX**[154], **APQ**[154], **APV**[154], **APW**[176], **APX**[20], **AQW**[154, 346], **AQY**[5, 6], **ASX**[176], **ATW**[116], **AXZ**[217], **AYZ**[264, 266, 350, 436], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 96, 126, 131, 176, 228, 385, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BDO**[436], **BDR**[95, 116], **BDY**[186, 199, 350, 436], **BDZ**[5, 96, 199, 280, 305], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFT**[116], **BFV**[165], **BGS**[157, 165, 178], **BGU**[119], **BHJ**[155], **BHL**[206], **BHN**[133], **BHQ**[176], **BHY**[436], **BIO**[154, 163, 165, 323], **BIX**[224], **BIY**[20], **BJW**[176], **BJY**[176], **BJZ**[66], **BLQ**[55, 83, 300, 394, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BNW**[176], **BOQ**[350], **BOX**[86, 168, 170, 176, 217], **BOY**[137, 234], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGO**[447], **AHJ**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCU**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEI**[447], **BEP**[447], **BHT**[447], **BHU**[447], **BHZ**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Coccyzus melacoryphus	D, M	**AAF**[206], **ABG**[385], **ABM**[206], **ACO**[154], **ADJ**[154], **AHV**[206], **AIN**[277], **AKN**[165], **ALL**[165], **AOP**[154], **ARY**[212], **BDY**[154, 186], **BDZ**[199], **BHL**[206], **BIO**[154], **BOY**[137]	**AAF**[447], **AEQ**[447], **AFL**[447], **AFQ**[447], **AMQ**[447], **ANP**[447], **ANZ**[447], **AQW**[447], **ASU**[447], **BEP**[447], **BJM**[447], **BKW**[447], **BNO**[447], **BOX**[447]
Coccyzus americanus	D, M	**AMR**[154], **AOZ**[154], **AYZ**[264], **BDZ**[96], **BFV**[154], **BIO**[154], **BMW**[68]	**AQW**[447]
Coccyzus euleri	D	**BDY**[186], **BDZ**[280], **BEE**[70]	**ANO**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447]
Crotophaga major	D, M	**AAU**[206], **ABG**[385], **ADI**[154], **AFY**[7], **AGG**[7, 165], **AGN**[7, 165], **AKN**[165], **AKQ**[116], **AOP**[154],	**AAF**[447], **AAH**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AOX[154], **AOZ**[154], **APS**[154], **APX**[20, 154], **APY**[154], **AQW**[154, 165, 305, 346], **AQY**[5, 6], **AYZ**[154, 264, 436], **BBS**[13, 54, 57, 83, 119, 126, 131, 176, 228, 385], **BDO**[436], **BDZ**[199, 280], **BEG**[364], **BEJ**[67], **BGQ**[305], **BGS**[157, 178], **BGV**[217], **BHI**[154], **BMW**[68]	**AFL**[447], **AFW**[447], **ALZ**[447], **AMQ**[447], **AMZ**[447], **ANO**[447], **ANQ**[447], **ANW**[447], **ANZ**[447], **AQW**[447], **ASU**[447], **ATT**[447], **AZZ**[447], **BBM**[447], **BDR**[447], **BEP**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJS**[447], **BMS**[447], **BMT**[447], **BNO**[447]
Crotophaga ani	D, M	**AAF**[206], **AAN**[435], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ADR**[83], **AEK**[86], **AFR**[435], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[92, 130], **AJQ**[155, 385], **AKN**[165], **AMR**[154], **AMY**[154], **ANO**[217], **ANU**[420], **AOO**[165], **AOP**[154], **APR**[154], **APV**[154], **AQW**[154, 305, 346], **AQY**[6], **AXZ**[217], **AYZ**[264, 266, 436], **BBF**[131, 217], **BBP**[343], **BBS**[13, 54, 57, 70, 119, 126, 131, 435], **BBT**[104], **BBV**[119], **BDO**[436], **BDR**[169], **BDY**[199, 436], **BDZ**[199, 280, 376], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHI**[164], **BHL**[206], **BHY**[436], **BIO**[154, 165, 323, 374], **BJW**[176], **BJZ**[66], **BLQ**[55, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOX**[29, 86, 163, 169, 176], **BOZ**[154], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAK**[447], **AAQ**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFI**[447], **AFL**[447], **AFU**[447], **AFW**[447], **AHJ**[447], **AHL**[447], **AHP**[447], **AHQ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANS**[447], **ANU**[447], **ANW**[447], **ANX**[447], **AOR**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BBY**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHZ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Guira guira	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **AEK**[86, 176], **AFJ**[119], **AGG**[7], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[92, 130], **AJQ**[385], **AKN**[165], **ANU**[420], **AOX**[154], **APQ**[154], **APR**[154], **APX**[154], **APY**[154], **AQW**[154, 165, 346], **AQY**[6], **ARS**[178], **AXZ**[217], **AYZ**[154, 264, 266, 436], **BBP**[343], **BBS**[13, 57, 119, 126, 131, 385], **BBT**[104], **BBV**[119], **BDE**[176], **BDO**[436], **BDZ**[199, 280, 376], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BGV**[217], **BHH**[154], **BHL**[206], **BHY**[436], **BIO**[70, 154, 163, 165, 374], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BOX**[29, 86, 163, 168, 176], **BOY**[234], **BPR**[385]	**AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADW**[447], **ADY**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANU**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHW**[447], **BHZ**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BIV**[447], **BJK**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Tapera naevia	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AEK**[339, 431], **AES**[83], **AFG**[419], **AFH**[165], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIQ**[119], **AIR**[22, 130], **AJQ**[385], **AKN**[165], **ANU**[420], **AOZ**[154], **AQW**[154, 319, 346], **AQY**[310], **AYZ**[264, 266, 350, 436], **BBP**[343], **BBS**[54, 57, 83, 119, 126, 131, 228, 435], **BBV**[119], **BDO**[436], **BDR**[116, 165], **BDY**[199, 436], **BDZ**[199, 280], **BEF**[58],	**AAF**[447], **AAI**[447], **ABB**[447], **ABC**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGY**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **ANZ**[447], **AQV**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BEG[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFV**[165], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[163, 178], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 170, 176, 217], **BOY**[234], **BPR**[385]	**AZZ**[447], **BCV**[447], **BDR**[447], **BEI**[447], **BEP**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Dromococcyx pavoninus	D	**AFJ**[153], **AJQ**[153, 385], **BIM**[153], **BLQ**[153], **BOY**[234, 236]	**ARY**[447], **BCV**[447], **BFX**[447], **BOX**[447]
Neomorphus geoffroyi	D, M	**ACY**[154], **ALP**[165], **APX**[5], **APY**[154], **AQY**[5, 6, 212, 310], **BBS**[57, 131, 134, 372], **BDZ**[165, 199, 201, 273, 280, 302, 318], **BEE**[273, 369], **BFR**[212, 217], **BGS**[305, 309], **BGT**[7, 165], **BGV**[217]	**AQW**[447], **ASU**[447], **BMT**[447]
Tyto furcata	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **ACE**[154], **ACV**[154, 436], **AEK**[86, 176], **AHS**[427], **AHV**[206], **AIL**[154], **AIN**[277, 344], **AIP**[154], **AIR**[92, 130], **AJQ**[385], **ANU**[420], **AQW**[346], **AYZ**[264, 266, 350], **BBL**[305], **BBP**[343], **BBS**[57, 60, 119, 131, 443], **BBV**[119], **BCI**[176], **BDZ**[280], **BEF**[58], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BHL**[206], **BIO**[154, 165, 323], **BLQ**[55], **BMW**[68], **BOX**[86, 168, 170, 176, 217]	**AAF**[447], **AAQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFU**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANP**[447], **ANT**[447], **ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **AZZ**[447], **BCV**[447], **BDD**[447], **BFK**[447], **BHT**[447], **BHV**[447], **BII**[447], **BIJ**[447], **BIU**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Megascops choliba	D, M	**AAN**[247], **AAU**[206], **ABD**[325], **ABG**[385], **ABM**[206], **ACO**[154], **ADJ**[154], **AEK**[176], **AEM**[154], **AFJ**[119], **AFM**[381], **AFT**[176], **AGN**[7, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[154], **AIR**[92, 130], **AJQ**[83, 155, 385], **AMY**[154], **ANU**[420], **AOP**[154], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **AQY**[5, 6], **ARY**[212], **AYZ**[264, 266, 350], **BBF**[131], **BBP**[343], **BBS**[19, 54, 57, 60, 83, 126, 131, 228, 385, 435, 443], **BBY**[176], **BDR**[116], **BDY**[154], **BDZ**[199, 280], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BGU**[119], **BGV**[217], **BHL**[206], **BIO**[83, 154, 165], **BIT**[154], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BLX**[155], **BMW**[68], **BOX**[83, 86, 168, 170, 176, 217], **BOY**[176, 234]	**AAE**[447], **AAF**[447], **AAI**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AIJ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Megascops atricapilla	D, M	**ABD**[325], **ADK**[154], **AIN**[436], **AOZ**[154], **APR**[154], **APX**[154], **AYZ**[264], **BBS**[17, 126, 385], **BDZ**[280], **BEE**[70, 154], **BHL**[206], **BMZ**[154]	**AAF**[447], **ALT**[447], **AQW**[447], **ASU**[447]
Pulsatrix koeniswaldiana	D, M	**AAA**[155], **AAF**[206], **AAU**[206], **AAV**[350], **ABD**[325], **ABG**[385], **ABM**[206], **ABR**[219], **ACC**[154], **ACF**[154], **AEZ**[154], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350], **AIP**[350], **ANU**[420], **AOQ**[165, 304, 305], **AOX**[154], **APQ**[154], **APV**[154], **APY**[154], **AQW**[436], **ASW**[227], **ATW**[116], **AXX**[418], **AYZ**[350, 378], **BBP**[343], **BBS**[19, 54, 57, 60, 126, 131, 443], **BDY**[186, 199, 350], **BDZ**[70, 96, 280], **BEG**[364], **BEH**[119, 131, 358], **BHL**[206], **BHY**[436], **BIO**[83, 154, 165, 178, 323, 446], **BIT**[154], **BJZ**[66], **BLQ**[395], **BMV**[154], **BOQ**[350], **BOX**[165, 176], **BOY**[236], **BOZ**[154]	**AAF**[447], **AAH**[447], **AAI**[447], **ABC**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AET**[447], **AFL**[447], **AFU**[447], **AHM**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **ANY**[447], **ANZ**[447], **AQV**[447], **AQW**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BCH**[447], **BCV**[447], **BDW**[447], **BHT**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Bubo virginianus	D, M	**AQW**[165, 305], **AQY**[445], **AYZ**[264], **BBS**[131]	**ANV**[447], **ASU**[447]
Strix hylophila	D, M	**ACN**[165, 193], **ASX**[86], **AXY**[153], **BBP**[343], **BBS**[57], **BBW**[153], **BLQ**[153, 300, 417], **BOX**[86, 176], **BOY**[236]	**AAQ**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **ANV**[447], **ARY**[447], **BHU**[447], **BJN**[447], **BKT**[447], **BMM**[447], **BOX**[447]
Strix virgata	D, M	**AAV**[350], **ABR**[219], **ADJ**[154], **AGG**[7, 165], **AIN**[350], **AIP**[350], **AIR**[92, 385], **AJQ**[385], **ANU**[420],	**AAF**[447], **ACX**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **AMU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AOQ[165, 305], **AOX**[154], **BBS**[19, 385], **BBW**[94], **BDL**[155], **BDY**[186, 350, 436], **BDZ**[199, 305], **BEF**[58], **BIO**[154], **BOQ**[350]	**ANP**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BET**[447], **BHU**[447], **BIO**[447], **BKQ**[447], **BOX**[447]
Strix huhula	D, M	**AIN**[344, 350, 436], **AIP**[350], **AQW**[154], **BBS**[17, 54], **BDY**[186, 350, 436], **BDZ**[280], **BIO**[154], **BOQ**[350], **BOT**[212, 217]	**AAQ**[447], **AEQ**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BOX**[447]
Glaucidium minutissimum	D, M	**AAU**[206], **ABM**[206], **AHV**[206], **AIN**[344, 350, 436], **AIP**[350], **APX**[20], **AQW**[96], **BBS**[19, 60, 70, 126, 443], **BDY**[186, 350, 436], **BDZ**[70], **BEE**[70], **BHL**[206], **BOQ**[350]	**AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447]
Glaucidium brasilianum	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **ABM**[206], **ABR**[219], **AEK**[165, 174, 431], **AEM**[154], **AFL**[178], **AGG**[5, 165, 305], **AGN**[7, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[130], **AJQ**[83, 385, 395], **ALP**[165], **AMR**[154], **ANU**[420], **AOO**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[5, 154], **APY**[154], **AQW**[154, 305, 346], **AQY**[6, 212], **ATV**[155], **AXZ**[217], **AYZ**[264, 266], **BBS**[13, 19, 54, 57, 60, 70, 119, 126, 128, 131, 385, 435, 443], **BDY**[199, 350], **BDZ**[199, 280, 375], **BEG**[364], **BEH**[83, 119, 131, 358], **BEJ**[67], **BER**[119], **BFR**[212, 217], **BFV**[154, 165], **BGL**[212, 217], **BGS**[157, 178], **BGU**[119], **BGV**[217], **BHL**[206], **BIO**[154, 165], **BLQ**[395, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[166, 176], **BOY**[234], **BPR**[385]	**AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Athene cunicularia	D, M	**AAN**[247, 435], **AAU**[206], **ABD**[325], **ABG**[385], **ABM**[206], **ACI**[176], **AEK**[86, 174, 176], **AHV**[206], **AIN**[277, 436], **AIR**[92], **AJQ**[385], **AMY**[154], **ANU**[420], **APR**[154], **APX**[154], **AQW**[346], **ARY**[212], **AYZ**[264], **BBP**[343], **BBS**[54, 57, 60, 119, 126, 131, 435, 443], **BBT**[104], **BBV**[119], **BCZ**[428], **BDZ**[199, 280], **BEF**[58], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHI**[164], **BHL**[206], **BHY**[436], **BIO**[83, 154, 323], **BLQ**[55, 394], **BLS**[160], **BMN**[143], **BMU**[83], **BMW**[68], **BNT**[385], **BOX**[83, 86, 168, 170, 176, 217], **BOZ**[154]	**AAF**[447], **AAH**[447], **AAI**[447], **ACJ**[447], **ACQ**[447], **ADY**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGY**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BCY**[447], **BDG**[447], **BDR**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJR**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447]
Asio clamator	D, M	**ABD**[325], **AIN**[277, 344], **AJQ**[385], **APV**[154], **AQW**[346], **AQY**[6], **ATW**[96], **BBS**[19, 57, 60, 443], **BBY**[176], **BDR**[116], **BDY**[186], **BDZ**[199, 280], **BEJ**[67], **BIO**[323], **BJZ**[66], **BLQ**[83, 155], **BLS**[160], **BLZ**[176], **BMW**[68], **BOX**[86, 165, 176]	**AAF**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AHM**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **AQW**[447], **ART**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BDD**[447], **BDG**[447], **BFX**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJS**[447], **BOX**[447]
Asio stygius	D, M	**AAD**[176], **AIR**[92], **ANQ**[297], **BBS**[83]	**AAI**[447], **AEQ**[447], **AES**[447], **ANP**[447], **ART**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJR**[447], **BKV**[447]
Nyctibius grandis	D, M	**AAU**[206], **ABM**[206], **ABR**[219], **AFX**[154], **AHV**[206], **AIN**[277], **AQW**[346], **ASW**[227], **BBS**[13, 57, 119, 121, 131], **BDP**[154], **BDZ**[201, 280], **BEG**[364], **BGK**[154, 436], **BGS**[157, 178, 214], **BHL**[206]	**AAI**[447], **AGU**[447], **AGY**[447], **ALZ**[447], **AMZ**[447], **ANO**[447], **ANQ**[447], **ANW**[447], **ANY**[447], **AQV**[447], **AQW**[447], **ASU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BMS[447], **BMT**[447]
Nyctibius aethereus	D, M	**AAV**[350], **AGG**[165], **AIN**[277, 350, 351, 436], **AIP**[350], **AOQ**[165], **AQW**[346], **BBS**[17], **BDY**[186, 350, 436], **BDZ**[99, 280], **BEE**[70, 154], **BEH**[358], **BFR**[176], **BIO**[154], **BOQ**[350], **BOT**[212], **BOX**[168]	**AAF**[447], **AQW**[447], **BIO**[447]
Nyctibius griseus	D, M	**AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ADJ**[154], **AHV**[206], **AIN**[154, 344, 350, 436], **AIP**[350], **AIR**[83, 92, 130, 385], **AJQ**[385], **AKV**[154], **AOZ**[154], **AQW**[346], **ARY**[212], **AYZ**[264], **BBP**[343], **BBS**[70, 126, 131, 176], **BBW**[94], **BDY**[186, 199, 350], **BDZ**[199, 280], **BEE**[70], **BEF**[58], **BEG**[364], **BHL**[206], **BLQ**[394, 417], **BLS**[160], **BMW**[68], **BNS**[165], **BOQ**[350], **BOY**[236]	**AAF**[447], **ABC**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **ALZ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANY**[447], **AQW**[447], **ART**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BIO**[447], **BIU**[447], **BKK**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Nyctibius leucopterus	D	**BDZ**[77], **BEE**[369]	**AQW**[447]
Nyctiphrynus ocellatus	D, M	**AFG**[419], **AFL**[178], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[130, 385, 395], **AJQ**[385, 395], **AKL**[155], **ANU**[420], **ARY**[39], **AYZ**[264], **BBP**[343], **BBS**[126, 131], **BBW**[94], **BDY**[70, 96, 154, 186, 199, 350, 436], **BDZ**[70, 199, 280], **BEF**[58], **BEH**[131, 358], **BHL**[206], **BHY**436, **BIO**[154, 165], **BLQ**[394], **BOQ**[350], **BOY**[234, 236]	**AAB**[447], **AAF**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AHJ**[447], **AMU**[447], **ANV**[447], **AQW**[447], **ASU**[447], **AXX**[447], **BIO**[447], **BJN**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Antrostomus rufus	D	**AIR**[92, 130, 385], **AJQ**[385], **BDZ**[280], **BEH**[358], **BLS**[160]	**AMZ**[447], **ANS**[447], **AQW**[447], **AXX**[447], **BIR**[447]
Lurocalis semitorquatus	D, M	**AAF**[206], **AAV**[350], **AEK**[174, 341], **AIN**[344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[385], **AQW**[346], **BBF**[131], **BBP**[343], **BBS**[13, 126], **BBV**[119], **BBW**[94], **BDY**[70, 186, 199, 350, 436], **BDZ**[70, 280], **BEF**[58], **BLQ**[394, 417], **BLS**[160], **BMW**[68], **BOQ**[350], **BOY**[236]	**ABE**[447], **AEU**[447], **AFW**[447], **ANV**[447], **AQW**[447], **ASU**[447], **AXX**[447], **BHU**[447], **BIO**[447], **BMT**[447], **BOX**[447]
Nyctidromus albicollis	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **AAW**[154], **ABG**[385], **ABM**[206], **ABR**[219], **ADJ**[154], **AES**[83], **AEZ**[154], **AFG**[419], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AIR**[22, 92, 130, 385], **AJQ**[385], **AKL**[155], **AKN**[165], **AKQ**[116], **ALW**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **APQ**[154], **APS**[154], **APU**[154], **APV**[154], **APX**[154], **AQW**[154, 176, 346], **AQX**[155], **AQY**[6, 212], **ATW**[165], **AXZ**[217], **AYZ**[264, 266], **BBF**[131, 217], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 119, 126, 131, 228, 385, 435], **BBV**[119], **BBW**[94], **BDD**[165], **BDE**[176], **BDO**[436], **BDR**[116], **BDY**[186, 199, 350, 436], **BDZ**[199, 280, 375], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BEU**[116], **BFR**[212, 217], **BGS**[157, 178], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[70, 83, 154, 165], **BJZ**[66], **BLQ**[55, 83, 394, 417], **BLS**[160], **BMW**[68], **BMZ**[154], **BNR**[155], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 170, 176, 217], **BOY**[234]	**AAE**[447], **AAF**[447], **AAI**[447], **ABC**[447], **ACX**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AGY**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASS**[447], **ASU**[447], **ATU**[447], **AZZ**[447], **BBY**[447], **BCV**[447], **BCY**[447], **BFX**[447], **BHT**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Nyctidromus hirundinaceus	D, M	**AAI**[386], **ABG**[385], **ABM**[206], **AFL**[154, 231], **AGS**[154], **AHV**[206], **AIK**[233], **AJO**[114], **BCL**[83, 114, 387], **BHL**[206]	**AAF**[447], **ANQ**[447], **AQW**[447]
Hydropsalis parvula	D, M	**AAF**[206], **AJQ**[385], **AOZ**[154], **APV**[154], **BBS**[228], **BEG**[364], **BHL**[206]	**AEQ**[447], **AES**[447], **AMU**[447], **ANP**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BCV**[447], **BMT**[447], **BNO**[447]
Hydropsalis longirostris	D, M	**AAN**[119, 247], **ABM**[206], **AEE**[83], **AFR**[435], **AIR**[83, 130], **AOQ**[319], **BEF**[58], **BHL**[206],	**AAF**[447], **AEU**[447], **AFQ**[447], **AXX**[447], **BHU**[447], **BJN**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BLO[416], **BLQ**[55, 83, 155, 300, 394, 395, 397, 416], **BLS**[160]	
Hydropsalis forcipata	D, M	**AIN**[277], **BBP**[343], **BBW**[94], **BDR**[116], **BDY**[12], **BIO**[165], **BOT**[212, 217], **BOX**[158, 168, 170, 176, 217]	**AAQ**[447], **ABE**[447], **AEU**[447]
Hydropsalis torquata	D, M	**ABI**[155], **ABM**[206], **AFG**[419], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIR**[83, 92, 130, 385, 389], **AJQ**[385], **AKN**[165], **ANU**[420], **AOP**[154], **APR**[154], **APV**[154], **AQW**[154], **ATY**[155], **AVW**[155], **AYZ**[264, 266], **BBS**[13, 54, 57, 83, 131, 176, 435], **BDY**[186, 199, 436], **BEF**[58], **BHL**[206], **BIO**[83, 154, 165], **BJZ**[66], **BLQ**[83, 394, 395, 397, 416], **BLS**[160], **BMW**[68], **BOX**[83]	**AAF**[447], **ABC**[447], **AEQ**[447], **AEU**[447], **AMU**[447], **ANP**[447], **ANV**[447], **ANY**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BHU**[447], **BIU**[447], **BKS**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Podager nacunda	D, M	**AGN**[7, 165], **AQW**[305], **AQY**[5], **BDY**[186], **BDZ**[280], **BEF**[58], **BIO**[154]	**ANO**[447]
Chordeiles minor	D, M	**BDX**[154], **BDY**[436]	**AQW**[447]
Chordeiles acutipennis	D, M	**AFG**[419], **AKN**[165], **ALP**[165], **APR**[154], **AQY**[6], **BDX**[154, 165], **BDZ**[99, 280], **BEJ**[67], **BFV**[154], **BMW**[68]	**AEU**[447], **AQW**[447]
Cypseloides fumigatus	D, M	**AAN**[119], **AEF**[83], **AIN**[277], **AYZ**[264], **BBV**[408], **BDZ**[280], **BIO**[154]	**ANP**[447], **AXX**[447]
Cypseloides senex	D, M	**AAN**[247], **BEF**[58], **BIO**[154]	**AES**[447], **AEU**[447], **ARY**[447], **AXX**[447], **BHU**[447]
Streptoprocne zonaris	D, M	**AAN**[119, 247], **ABC**[131], **ABG**[385], **ABM**[206], **AHV**[206], **AIN**[277], **AIR**[92, 130, 385], **AJQ**[385], **ANU**[420], **AYZ**[154, 264, 266, 350], **BBF**[131], **BBP**[176, 343, 383], **BBS**[13, 57, 126, 131], **BBV**[119], **BDY**[186, 199], **BDZ**[280], **BEF**[58], **BEH**[131, 358], **BER**[119], **BHL**[206], **BHN**[133], **BHU**[83], **BIO**[154, 438], **BLQ**[55, 394, 397, 416, 417], **BLS**[160], **BNT**[385], **BOP**[436], **BOT**[212, 217], **BOX**[86]	**AAF**[447], **ABC**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFQ**[447], **AGW**[447], **ALZ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **AOT**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **BBB**[447], **BCV**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIP**[447], **BIR**[447], **BKT**[447], **BOX**[447]
Streptoprocne biscutata	D, M	**AAJ**[416], **AAN**[119, 247], **AEU**[176], **AFG**[419], **AHS**[427], **AIL**[436], **AIN**[277, 344, 436], **AJQ**[385], **ARY**[212], **AYZ**[264, 266, 436], **BBP**[383], **BDY**[436], **BDZ**[280], **BEF**[58], **BIO**[154], **BLQ**[83, 155, 178, 394, 395, 397, 416, 417], **BLS**[160], **BMO**[436]	**AAF**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ARY**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BPR**[447]
Chaetura cinereiventris	D, M	**AAF**[206], **AAU**[206], **ABM**[206], **AFL**[178], **AHS**[427], **AHV**[206], **AIN**[344, 350, 436], **AIP**[350], **APX**[20], **AQW**[346], **AXZ**[217], **BBS**[54, 96, 131, 435], **BDY**[96, 186, 199, 350, 436], **BDZ**[199, 280], **BEE**[70], **BEJ**[67], **BGS**[157, 178], **BHL**[206], **BMW**[68], **BOQ**[350]	**AAF**[447], **AFL**[447], **ANY**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447]
Chaetura meridionalis	D, M	**AAU**[206], **ABC**[131], **ABM**[206], **ACI**[176], **AHV**[206], **AIR**[130], **AJQ**[83, 385], **BBP**[343], **BBS**[57], **BBV**[119], **BDY**[186, 199], **BDZ**[199], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BGU**[119], **BHL**[206], **BHY**[436], **BLQ**[394, 397, 416], **BLS**[160], **BOX**[86, 176, 178]	**AAC**[447], **AAF**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AMU**[447], **ANO**[447], **AQW**[447], **ART**[447], **ASU**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BHT**[447], **BIU**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Panyptila cayennensis	D	**AIN**[277], **AYZ**[264, 266]	**AAF**[447]
Ramphodon naevius	D, M	**AAV**[350], **ACJ**[20], **AHS**[427], **AIN**[34, 154, 188, 253, 255, 272, 277, 278, 282, 287, 344, 350, 436], **AIP**[350],	**BIO**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AYZ[264, 266, 350], **BCO**[154], **BDY**[186, 199, 350, 436], **BEH**[131, 358], **BIO**[154, 163, 258, 262, 272, 282, 287, 290, 291, 430], **BOQ**[350]	
Glaucis hirsutus	D, M	**AAF**[206], **ABM**[206], **ACC**[154], **ACO**[255], **AHS**[427], **AIL**[154, 251, 253, 258, 430], **AIM**[154], **AIN**[188, 277, 344, 436], **AIR**[130], **ALW**[154, 430], **ANR**[154, 430], **AOQ**[165], **AOX**[154, 430], **APR**[154, 430], **AQW**[154, 165, 176, 346, 430], **AQY**[212], **AWW**[154], **AXZ**[217], **AYZ**[34, 154, 188, 252, 253, 257, 264, 266, 430, 436], **BBP**[343], **BBS**[54, 57, 83, 119, 126, 127, 128, 131], **BDY**[154, 186, 269, 276, 430], **BDZ**[280], **BEE**[188], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BIO**[154, 165, 255, 258, 262, 291, 430], **BIT**[154, 430], **BJZ**[66], **BLQ**[110], **BMO**[436], **BMW**[68], **BOP**[188, 436]	**AAF**[447], **AAI**[447], **ADM**[447], **AES**[447], **AFL**[447], **AMZ**[447], **ANO**[447], **ANY**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BMT**[447], **BNO**[447]
Phaethornis squalidus	D, M	**AAF**[206], **AAM**[154], **AAU**[206], **AAV**[350], **ABM**[206], **AFG**[419], **AHS**[427], **AHV**[206], **AIN**[188, 248, 253, 277, 344, 350, 436], **AIP**[350], **AIR**[83, 92, 130, 385], **AJQ**[83, 155, 385], **ANU**[420], **AQY**[6], **ASY**[2, 3], **ATZ**[83, 155], **AUY**[155], **AUZ**[83, 155], **AYZ**[188, 257, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBW**[94], **BDY**[186, 188, 248, 253, 350, 436], **BEN**[142], **BHL**[206], **BHP**[155], **BIO**[154, 178, 255, 258, 262, 290, 291, 430, 438], **BLQ**[394], **BMO**[436], **BOQ**[350], **BOY**[234, 236]	**ARY**[447], **BHU**[447], **BIO**[447], **BJN**[447], **BOX**[447]
Phaethornis idaliae	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ACJ**[20], **ACN**[255], **ADJ**[154], **AFL**[250], **AGK**[178], **AHV**[206], **AIL**[154, 258, 265], **AKN**[165], **ALX**[217], **AMP**[154], **AOZ**[154], **APX**[20], **AQW**[96, 165, 346, 430], **ATW**[96], **AXZ**[95], **AYZ**[264, 266, 436], **BBS**[57, 83, 96, 119, 124, 126, 127, 128, 131, 435], **BDO**[436], **BDY**[99], **BDZ**[199, 280], **BEE**[188], **BEG**[28, 364], **BEJ**[67], **BEN**[142], **BHL**[206], **BHY**[436], **BIO**[154, 255, 262, 290, 291, 430], **BIT**[154, 248, 250, 253], **BMW**[68]	**AAF**[447], **ACJ**[447], **AFL**[447], **AMZ**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447], **BPP**[447]
Phaethornis ruber	D, M	**AAU**[206], **ABC**[131], **ABM**[206], **AFG**[419], **AHM**[385], **AHV**[206], **AIQ**[119], **AJQ**[385], **ALY**[155], **ANR**[154, 430], **ARY**[83], **ASY**[2, 3], **ATV**[155], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[17, 57, 126, 127], **BBW**[94], **BDR**[116], **BDZ**[280], **BEG**[364], **BEH**[131, 358], **BER**[119], **BGU**[119], **BHK**[155], **BHL**[206], **BHN**[133], **BLQ**[394], **BNT**[385], **BOY**[234, 236], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFQ**[447], **AGW**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ART**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BIJ**[447], **BIU**[447], **BJS**[447], **BMS**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Phaethornis pretrei	D, M	**AAF**[206], **AAJ**[416], **AAN**[119, 247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADX**[206], **AEK**[174, 339], **AEZ**[154], **AFG**[419], **AFR**[435], **AGJ**[135], **AHM**[385], **AHS**[427], **AHV**[206], **AIM**[154], **AIN**[188, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[83, 92, 130, 385], **AJQ**[83, 155, 385], **AKQ**[116], **ALR**[255], **ANU**[420], **ARY**[212], **ASY**[3], **AYZ**[154, 188, 250, 252, 254, 257, 264, 266, 350, 384, 436], **BBF**[131, 217], **BBP**[176, 343], **BBS**[13, 57, 83, 131, 187], **BBV**[119], **BBW**[94, 163], **BCD**[121], **BCG**[83], **BDY**[186, 188, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BGW**[254], **BHL**[206], **BHN**[133], **BHU**[165], **BHY**[436], **BIO**[154, 163, 248, 252, 253, 254, 255, 258, 262, 291, 323, 430], **BLL**[155], **BLQ**[55, 83, 95, 110, 111, 154, 165, 300, 301, 394, 397, 416, 417, 430], **BLS**[160], **BMO**[188, 436], **BNT**[385], **BOP**[188, 436], **BOQ**[350], **BOT**[212, 217], **BOX**[86, 168, 170, 176, 217], **BOY**[234], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHI**[447], **AHY**[447], **ALT**[447], **AMO**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BIU[447], **BJK**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BOX**[447], **BPP**[447]
Phaethornis eurynome	D, M	**AAF**[206], **AAN**[247], **AAV**[350], **ABM**[206], **ADX**[206], **AHS**[427], **AHV**[206], **AIN**[96, 188, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AJK**[224], **AJL**[224, 263], **AYZ**[154, 252, 257, 264, 266, 350, 436], **BBP**[176, 343], **BBW**[94, 163], **BDY**[70, 96, 154, 186, 188, 199, 267, 268, 279, 317, 318, 319, 350, 430, 436], **BEF**[58], **BHL**[206], **BIO**[83, 154, 255, 258, 262, 291, 323, 430, 438], **BLQ**[83, 111, 155, 163, 165, 300, 301, 394, 400], **BLY**[155], **BMO**[188, 436], **BNY**[248, 253], **BOQ**[350]	**AAF**[447], **AAQ**[447], **ABE**[447], **AEQ**[447], **AEU**[447], **ANV**[447], **ART**[447], **BHU**[447], **BIO**[447], **BJN**[447], **BMM**[447], **BOX**[447]
Campylopterus largipennis	D, M	**AAN**[83, 119, 247], **BEF**[58], **BLQ**[83, 96, 110, 155, 159, 165, 394, 397, 416]	**AEU**[447], **AFQ**[447], **BHU**[447]
Eupetomena macroura	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **ABC**[131], **ABG**[385], **ABI**[155], **ABM**[206], **AEZ**[154], **AFG**[419], **AFJ**[119], **AFR**[435], **AHS**[427], **AHV**[206], **AIL**[248, 253, 258, 436], **AIN**[188, 277, 344, 350, 436], **AIP**[350], **AIR**[22, 92, 130], **AJP**[217], **AJQ**[83, 155, 385, 411], **ALL**[252], **ALR**[255, 283, 287], **AMY**[154], **ANU**[420], **APX**[154], **APY**[154, 283, 287], **AQW**[154, 346, 430], **ARY**[212, 283, 287], **ASY**[3], **ATV**[155], **ATW**[116], **AYZ**[34, 154, 188, 248, 253, 257, 264, 266, 350, 384, 436], **BBF**[131], **BBG**[154, 283, 287], **BBP**[343], **BBS**[54, 57, 83, 119, 126, 131, 435], **BBT**[104], **BBV**[119], **BBY**[145], **BCD**[121], **BDR**[116, 165], **BDY**[188, 350, 436], **BDZ**[280], **BEE**[188], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFQ**[178], **BFV**[154], **BGU**[119], **BHI**[154], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 255, 258, 262, 283, 287, 291, 323, 430], **BJZ**[66], **BLQ**[55, 111, 178, 394, 397, 416], **BLS**[160], **BMO**[188, 436], **BMW**[68], **BMZ**[154, 283, 287], **BNT**[385], **BOP**[188, 436], **BOT**[212, 217, 283, 287], **BOX**[29, 86, 168, 170, 176, 217, 230], **BOY**[234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **AHJ**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **AMW**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOR**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCH**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPR**[447]
Aphantochroa cirrochloris	D, M	**AAV**[350], **AFG**[419], **AFL**[95, 172], **AFR**[435], **AHS**[427], **AIL**[258], **AIN**[34, 96, 188, 277, 344, 350, 436], **AIP**[350], **AIR**[92, 385], **AJP**[116, 217], **AJQ**[83, 155, 385], **ALL**[165], **AOQ**[165], **AYZ**[34, 154, 188, 249, 253, 257, 264, 266, 350, 436], **BBP**[343], **BBS**[126], **BBW**[94], **BDY**[154, 186, 188, 350, 436], **BDZ**[199, 280], **BIO**[70, 96, 154, 163, 165, 255, 258, 262, 291, 323, 430, 438], **BLQ**[417], **BMO**[188, 436], **BOP**[436], **BOQ**[350], **BOT**[212, 217]	**AAF**[447], **ABC**[447], **ACQ**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **ANP**[447], **ANV**[447], **AOT**[447], **ARY**[447], **ASU**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJK**[447], **BJN**[447], **BNO**[447]
Florisuga fusca	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ACC**[154], **AFG**[419], **AHS**[427], **AHV**[206], **AIM**[154], **AIN**[188, 248, 253, 277, 344, 350, 436], **AIP**[350], **AIR**[22, 92, 130], **AJP**[217], **AJQ**[155, 385], **AKN**[165], **ALL**[252], **ANU**[420], **AOT**[175], **APX**[20, 284, 287], **AQW**[165], **AQY**[6], **ASY**[3], **AUZ**[83], **AYZ**[154, 188, 250, 257, 264, 266, 350, 384, 429, 436], **BBF**[131], **BBP**[343], **BBS**[57, 119, 131], **BBT**[104], **BBW**[94], **BDY**[186, 188, 199, 350, 436], **BDZ**[280], **BHL**[206], **BIO**[154, 163, 255, 258, 262, 284, 287, 291, 323,	**AAF**[447], **AAQ**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADS**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AMQ**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASV**[447], **AXX**[447], **BBF**[447], **BCV**[447], **BDG**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[430], **BLQ**[111, 300, 394, 416], **BMO**[436], **BNZ**[154, 284, 287], **BOP**[188, 436], **BOQ**[350], **BOX**[86, 176, 230], **BOY**[234, 236]	**BIR**[447], **BJN**[447], **BKS**[447], **BKT**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Colibri serrirostris	D, M	**AAJ**[416], **AAN**[187, 247, 435], **AAU**[206], **AAV**[248, 253, 350], **AAW**[154], **ABM**[206], **AEK**[174], **AFG**[419], **AFL**[178], **AFR**[435], **AHS**[427], **AHV**[206], **AIL**[258, 436], **AIN**[277, 344, 350, 436], **AIR**[130], **AJQ**[83, 385], **ALL**[252], **ALR**[255, 285, 286], **ANU**[420], **AOQ**[165], **ARY**[176, 212, 285, 286], **AYZ**[34, 70, 154, 188, 257, 264, 266, 350, 384, 436], **BBF**[131], **BBP**[176, 343], **BBS**[57], **BBV**[119, 155], **BBW**[94], **BDO**[436], **BDR**[116], **BDY**[199], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BER**[119], **BHL**[206], **BHN**[133], **BIO**[34, 70, 154, 258, 262, 285, 286, 291, 430], **BIX**[224], **BIY**[20, 224], **BJZ**[66], **BLO**[416], **BLQ**[83, 110, 111, 155, 163, 165, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[188, 252, 436], **BOV**[154], **BOX**[86, 168, 176], **BOY**[234], **BOZ**[154]	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **ALZ**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANU**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BDG**[447], **BEP**[447], **BET**[447], **BFX**[447], **BHU**[447], **BIO**[447], **BIU**[447], **BKT**[447], **BKX**[447], **BNO**[447], **BOX**[447]
Anthracothorax nigricollis	D, M	**ACJ**[20, 286, 289], **ACO**[286], **AIN**[277], **AIR**[130], **AKN**[165], **ALL**[165, 252], **ALP**[165, 255, 286, 289], **ANR**[154, 286, 430], **AOO**[154], **APR**[154], **APV**[154, 286, 289], **APX**[5, 20, 154, 286, 289], **AQW**[154, 165, 286, 289, 430], **ARY**[212, 286], **AYZ**[188, 248, 253, 257, 264, 266, 436], **BBP**[343], **BBS**[57], **BDZ**[199, 280], **BEE**[188], **BFP**[154], **BFV**[154, 286, 289], **BIO**[154, 165, 255, 258, 262, 271, 286, 288, 289, 291, 430], **BIX**[224], **BIY**[224, 286, 289], **BLQ**[111, 165], **BOX**[230]	**ABC**[447], **ADS**[447], **AEL**[447], **AES**[447], **AFL**[447], **AGY**[447], **ANY**[447], **AQW**[447], **ASV**[447], **BFX**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJS**[447], **BKT**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Chrysolampis mosquitus	D, M	**AAU**[206], **ABM**[206], **AFG**[419], **AHV**[206], **AIN**[277], **APU**[154], **AYZ**[266], **BDY**[436], **BDZ**[199, 280], **BEE**[188], **BHL**[206], **BIO**[154, 258, 262, 270, 288, 291, 430], **BLQ**[417], **BMT**[154]	**AAI**[447], **AFL**[447], **AMQ**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BJM**[447], **BNO**[447]
Stephanoxis lalandi	D, M	**ABE**[86], **ADO**[224], **BBP**[343], **BLO**[416]	**AAQ**[447], **ABE**[447], **BMM**[447]
Lophornis magnificus	D, M	**AAV**[250, 350], **ABM**[206], **ADO**[20], **AEZ**[154], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AJQ**[385], **ALR**[255], **AOQ**[165], **AXZ**[217], **AYZ**[257, 264, 266, 350, 436], **BCP**[248, 253], **BDY**[186, 188, 199, 350, 436], **BDZ**[280], **BHL**[206], **BIO**[154, 165, 255, 258, 262, 291, 323, 430], **BLQ**[110, 155], **BMO**[436], **BNZ**[248, 253], **BOQ**[350], **BOT**[212, 217], **BOX**[86, 230], **BOY**[236]	**AAF**[447], **AEQ**[447], **AFQ**[447], **AMS**[447], **ANU**[447], **ART**[447], **BHT**[447], **BHU**[447], **BIO**[447]
Chlorestes notata	D, M	**ABM**[206], **AHV**[206], **AIN**[277, 344], **AMY**[154], **AOP**[154], **AOX**[154], **APR**[154], **APS**[154], **APU**[154], **APV**[154], **APX**[154], **AQW**[154, 165, 430], **AYZ**[257, 264, 266], **BDY**[186], **BDZ**[280], **BFV**[154], **BHL**[206], **BIO**[154, 255, 258, 262, 430]	**AQW**[447], **BIO**[447], **BMT**[447]
Chlorostilbon lucidus	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **AAW**[249, 253], **ABG**[385], **ABM**[206], **ACQ**[165], **ADX**[206], **AEH**[154], **AEK**[339], **AFG**[419], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130, 385], **AJP**[217], **AJQ**[83, 155, 385, 395], **ALR**[255], **ANR**[154, 430], **ANU**[420], **AOQ**[165], **AQW**[165, 346], **ARY**[83, 212], **ASY**[3], **AVX**[155], **AYZ**[154, 188, 257, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 126, 131, 435], **BBT**[104], **BBV**[119, 155], **BBW**[94, 163], **BCP**[154], **BDR**[116], **BDY**[199, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BFR**[178], **BGU**[119], **BHL**[206], **BIO**[154, 157, 163, 249, 253, 255, 258, 262, 291, 430], **BIY**[20], **BJZ**[66], **BKY**[416], **BLQ**[55, 95,	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEG**[447], **AEI**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **ALZ**[447], **AMM**[447], **AMP**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		110, 111, 155, 165, 178, 300, 301, 390, 394, 395, 397, 416, **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[249, 253, 436], **BOT**[212, 217], **BOX**[86, 165, 168, 170, 176, 217, 230], **BOY**[234], **BPR**[385]	**AST**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BII**[447], **BIJ**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJQ**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Thalurania furcata	D, M	**AAN**[247], **AIQ**[119], **AIR**[92], **AJW**[155], **ALR**[255], **BLQ**[111, 165, 416]	**AEU**[447], **AXX**[447], **BKV**[447]
Thalurania glaucopis	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **AAW**[154], **ABC**[131], **ABD**[154], **ABM**[206], **ACG**[154], **ACN**[255], **ACQ**[155], **ADX**[206], **AFG**[419], **AFL**[178], **AGG**[165], **AGI**[135], **AGJ**[135], **AHS**[427], **AHV**[206], **AIJ**[176], **AIN**[96, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJP**[217], **AJQ**[83, 155, 385], **ALL**[165], **ALP**[255], **ALR**[165, 255], **ALW**[154, 430], **ANU**[420], **AOQ**[165], **APX**[5, 20], **AQW**[346], **ARY**[83], **ASY**[2, 3], **ATW**[217], **ATZ**[83], **AUZ**[83], **AXZ**[217], **AYZ**[154, 188, 257, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 124, 131, 385], **BBW**[94], **BDY**[154, 186, 188, 199, 350, 436], **BDZ**[199, 280], **BEE**[70, 154], **BEF**[58], **BEH**[131, 135, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGS**[178], **BHI**[154], **BHL**[206], **BHN**[133], **BIO**[70, 154, 163, 172, 178, 255, 258, 262, 291, 430, 438], **BIX**[224], **BIY**[20], **BLQ**[55, 83, 111, 155, 300, 301, 394, 410, 416, 417], **BLY**[155], **BMO**[436], **BMW**[68], **BOP**[436], **BOQ**[248, 253, 350], **BOT**[212, 217], **BOX**[86, 176, 230], **BOY**[234, 236], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AGW**[447], **AGY**[447], **AHM**[447], **ALT**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AXX**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BKQ**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Hylocharis sapphirina	D, M	**ABM**[206], **ACO**[255], **AIL**[154, 430], **AIN**[277], **AKN**[165], **APR**[154, 430], **APV**[154, 430], **APX**[20], **AXZ**[217], **AYZ**[257, 264, 266], **BBS**[57, 96], **BDY**[436], **BDZ**[199, 280], **BEE**[188], **BEN**[142], **BGV**[217], **BHL**[206], **BIO**[154, 255, 258, 262, 430], **BKL**[248, 253], **BMW**[68]	**ABC**[447], **ADS**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BJM**[447], **BMT**[447], **BNO**[447]
Hylocharis cyanus	D, M	**AAV**[350], **ABG**[385], **ABM**[206], **ACJ**[20], **ACO**[255], **AFL**[178], **AGG**[5, 7, 165], **AGN**[7, 165], **AIN**[277, 350, 436], **AIP**[350], **AIR**[92, 130], **ALL**[165], **ALP**[255], **AMP**[154], **AOP**[154], **AOQ**[165], **AOZ**[154], **APX**[20], **APY**[154], **AQW**[154, 430], **AQY**[6, 154, 212], **ARX**[155], **ATW**[217], **AXZ**[217], **AYZ**[165, 257, 264, 266, 350, 436], **BBP**[343], **BBS**[57, 83, 96, 126, 385], **BDY**[186, 350], **BDZ**[5, 70, 96, 199, 280, 305], **BEE**[96, 154, 188], **BEN**[142], **BFF**[212], **BFG**[20, 224], **BGS**[157, 178], **BGV**[217], **BHL**[206], **BIO**[154, 248, 253, 255, 258, 262, 291, 430], **BIX**[224], **BIY**[20], **BOQ**[350]	**AAF**[447], **AEQ**[447], **AES**[447], **AFL**[447], **ANO**[447], **ANW**[447], **AQW**[447], **AST**[447], **ASU**[447], **BEP**[447], **BIO**[447], **BJY**[447], **BMT**[447], **BNO**[447]
Leucochloris albicollis	D, M	**AAN**[247, 435], **AAU**[206], **AAV**[350], **ABM**[206], **ABZ**[154], **ADO**[20], **ADX**[206], **AHS**[427], **AHV**[206], **AIL**[258], **AIN**[188, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AOQ**[165], **AYZ**[154, 188, 257, 264, 266, 350, 436], **BBP**[176, 343], **BBS**[13], **BBW**[94, 155], **BDY**[34, 186, 188, 199, 250, 350, 436], **BDZ**[280], **BEF**[58], **BHL**[206], **BIO**[96, 154, 178, 258, 262, 291, 323, 430], **BLO**[416], **BLQ**[83, 96, 111, 155, 163, 165, 178, 300, 394, 416, 417], **BLS**[160], **BMO**[188, 436], **BOP**[154], **BOQ**[350], **BOX**[165]	**AAF**[447], **AAQ**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AGW**[447], **AQZ**[447], **ART**[447], **ARY**[447], **ASV**[447], **BHU**[447], **BIO**[447], **BMM**[447]
Polytmus guainumbi	D, M	**AIN**[277], **AKN**[165], **ALP**[255], **APV**[154], **APX**[5, 20], **AQW**[154, 346, 430], **AYZ**[257, 264, 266],	**AQW**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BDZ[199, 280], **BEJ**[67], **BIO**[255, 258], **BMW**[68]	
Amazilia versicolor	D, M	**AAN**[247], **ABM**[206], **ABR**[219], **ACQ**[165], **AEZ**[165], **AFL**[29, 172], **AHS**[427], **AIL**[258], **AIN**[188, 277, 350, 436], **AIP**[350], **AJP**[217], **AKN**[165], **ALP**[165, 255], **ALR**[165, 255], **ANU**[420], **AOP**[154], **APR**[154], **APS**[154], **APV**[154], **APX**[5, 154], **AQW**[154, 430], **ATV**[155], **AYZ**[154, 165, 188, 248, 253, 257, 264, 266, 350, 436], **BBP**[383], **BBS**[57, 131, 385], **BBW**[94], **BDY**[188, 199, 436], **BDZ**[280], **BEE**[188], **BEH**[131, 358], **BHL**[206], **BIO**[154, 165, 178, 255, 258, 262, 291, 323, 430], **BJZ**[66], **BLQ**[111, 155, 178, 301, 395], **BMO**[188, 436], **BOP**[436], **BOX**[176]	**AAF**[447], **AAQ**[447], **ABE**[447], **AEQ**[447], **AEU**[447], **AFL**[447], **ANY**[447], **AQW**[447], **ART**[447], **ARY**[447], **BCV**[447], **BDE**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJM**[447], **BKT**[447], **BMT**[447], **BOX**[447]
Amazilia fimbriata	D, M	**AAU**[206], **ABM**[206], **AHV**[206], **AIN**[277], **AIR**[22], **AQW**[346], **ASY**[3], **AYZ**[264, 266], **BBP**[343], **BBS**[13, 126], **BCL**[410], **BCP**[154], **BDZ**[280], **BEE**[188], **BEJ**[67], **BHL**[206], **BIO**[165, 255, 291], **BJZ**[66], **BMO**[436], **BMW**[68], **BNT**[385], **BOY**[234]	**AAI**[447], **ADM**[447], **AEQ**[447], **AHM**[447], **AMS**[447], **AQW**[447], **ART**[447], **BIO**[447]
Amazilia lactea	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACQ**[95, 165], **AFG**[419], **AFJ**[71], **AFR**[435], **AGY**[178], **AHM**[385], **AHV**[206], **AIL**[256, 258], **AIN**[277], **AIR**[83, 92, 130, 385], **AJP**[217], **AJQ**[83, 155, 385, 411], **AKR**[155], **ANR**[154, 430], **ANU**[420], **ARS**[178], **ASY**[3], **ATZ**[83], **AUZ**[83], **AYZ**[266, 436], **BBF**[131], **BBP**[343], **BBS**[83, 126, 131, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BDY**[436], **BDZ**[280], **BEF**[58], **BEG**[364], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHU**[165], **BIO**[154, 291, 430], **BIT**[154, 430], **BLQ**[20, 110, 111, 155, 165, 178, 217, 224, 300, 301, 394, 397, 416], **BLS**[160], **BNS**[165], **BNT**[385], **BOP**[188, 436], **BOT**[212, 217], **BOX**[86, 168, 176, 230], **BOY**[234], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **ABB**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHJ**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIJ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMS**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Heliodoxa rubricauda	D, M	**AAU**[206], **AAV**[350], **ABE**[86], **ABM**[206], **AHS**[427], **AHV**[206], **AIN**[154, 188, 277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AOQ**[165], **AYZ**[154, 188, 249, 250, 252, 253, 257, 260, 264, 266, 350, 436], **BBP**[343], **BBW**[94], **BDY**[186, 188, 199, 350, 436], **BHL**[206], **BIO**[70, 154, 163, 250, 255, 258, 262, 291, 382, 430, 438], **BLQ**[55, 83, 110, 111, 155, 163, 165, 217, 300, 301, 394, 400, 416, 417], **BMO**[188, 436], **BNZ**[252], **BOP**[252], **BOQ**[350], **BOY**[236]	**AAF**[447], **AAQ**[447], **ABE**[447], **AES**[447], **AEU**[447], **ARY**[447], **BHU**[447], **BIO**[447], **BKS**[447]
Augastes scutatus	D, M	**AAJ**[416], **AAN**[119, 247], **AFG**[419], **AIR**[130], **AJK**[224], **AJL**[20, 154, 261, 430], **BBR**[398], **BBV**[75, 119], **BEF**[58], **BIO**[154], **BKY**[415, 416], **BLP**[83], **BLQ**[16, 20, 55, 83, 96, 110, 111, 154, 155, 159, 165, 172, 178, 212, 217, 224, 225, 259, 300, 301, 319, 390, 394, 395, 397, 416, 417, 430], **BLS**[160], **BLU**[26], **BLV**[83]	**ACQ**[447], **AEU**[447], **AFQ**[447], **ANP**[447], **ANS**[447], **AXX**[447], **BHU**[447], **BIV**[447]
Heliomaster squamosus	D, M	**AAN**[247], **AIN**[277], **AJQ**[385], **APX**[20], **ARY**[176, 212], **AYZ**[188, 266, 436], **BDZ**[280], **BIO**[258, 262, 430]	**AAF**[447], **AAI**[447], **ACQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AMQ**[447], **ANV**[447], **AQV**[447], **AQW**[447], **AST**[447], **BBM**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BCV[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJM**[447], **BJQ**[447], **BJR**[447]
Calliphlox amethystina	D, M	**AAU**[206], **ABM**[206], **AFG**[419], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIR**[130], **AJP**[217], **AJQ**[385], **AOO**[154], **AQW**[165], **ASY**[3], **AYZ**[188, 250, 257, 264, 266, 350, 384, 436], **BBP**[343], **BBW**[94], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEE**[188], **BEF**[58], **BHL**[206], **BIO**[154, 165, 178, 255, 258, 262, 291, 323, 430], **BLQ**[95, 111, 155, 165, 300, 301, 394, 397, 416], **BMO**[436], **BOX**[86, 176]	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AMU**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ART**[447], **BCV**[447], **BFX**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJS**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Trogon viridis	D, M	**AAS**[340], **AAV**[350], **ABM**[206], **AFM**[381], **AGG**[5, 165], **AGN**[7, 165], **AHS**[427], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AJP**[217], **AKN**[165], **AKQ**[116], **ALP**[165], **ALW**[154], **AOP**[154], **APW**[176], **APX**[5, 20], **APY**[154], **AQW**[154, 346], **AQY**[6, 195, 212, 445], **ATW**[95, 217], **AXZ**[217], **AYZ**[264, 350], **BBS**[13, 54, 57, 83, 96, 119, 126, 128, 131, 435], **BDD**[176], **BDY**[154, 186, 350, 436], **BDZ**[199, 280, 375], **BEH**[131, 358], **BEN**[142], **BFG**[20, 224], **BFV**[154], **BGS**[157, 178], **BGV**[217], **BHL**[206], **BIO**[154], **BMW**[68], **BOQ**[350], **BOX**[165, 168, 170, 217]	**AAF**[447], **ADS**[447], **AGY**[447], **ANY**[447], **AQW**[447], **ASU**[447], **BET**[447], **BIO**[447], **BMT**[447], **BNO**[447]
Trogon surrucura	D, M	**AAF**[206], **AAN**[247], **AAS**[340], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **ACJ**[20], **ACN**[165, 303], **ADX**[206], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJP**[217], **AJQ**[83, 155, 385], **AJY**[155], **AKL**[155], **AKQ**[116], **AKU**[176], **ANU**[420], **AOQ**[165, 303], **AQY**[6], **ASY**[87], **ATY**[155], **AXZ**[217], **AYZ**[350], **BBF**[131], **BBP**[176, 343], **BBS**[228], **BBW**[94], **BDY**[96, 186, 199, 350, 436], **BEF**[58], **BEH**[119, 131, 358], **BFG**[20, 224], **BGM**[83], **BGV**[217], **BHL**[206], **BHN**[133], **BIO**[83, 154, 165, 303], **BLQ**[55, 300, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOX**[168, 176], **BOY**[234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHK**[447], **AHM**[447], **ALT**[447], **AMS**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AOR**[447], **AQS**[447], **AQV**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BMY**[447], **BOX**[447]
Trogon rufus	D, M	**AAV**[350], **ABM**[206], **AHS**[427], **AIN**[154, 344, 350, 436], **AIP**[154, 350], **AJP**[217], **ANU**[420], **AOQ**[116, 165], **AQY**[6, 212], **ATW**[217], **AXZ**[217], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[13, 57, 70, 131], **BDY**[12, 70, 96, 186, 199, 350, 378, 436], **BDZ**[96, 199, 280], **BEN**[142], **BGS**[178], **BHL**[206], **BIO**[83, 154, 165, 438], **BMO**[436], **BOQ**[350], **BOX**[165, 168, 176]	**AAF**[447], **ABE**[447], **BIO**[447], **BMT**[447]
Trogon collaris	D, M	**BDZ**[70, 280], **BEE**[70], **BFT**[116]	**AQW**[447], **BMT**[447]
Baryphthengus ruficapillus	D, M	**ABM**[206], **AEK**[339], **AFM**[381], **AGG**[5, 7, 165, 305], **AGN**[7, 165], **AIN**[277], **AIR**[130], **AJP**[217], **AJQ**[385], **ALP**[165], **AOQ**[165], **APX**[5], **AQT**[165], **AQW**[165], **AQY**[6], **ASY**[239], **ATW**[217], **AXZ**[217], **BBP**[343], **BBS**[54, 57, 83, 96, 126, 127, 128, 131, 385, 435], **BDD**[176], **BDQ**[165], **BDZ**[5, 199, 280, 305], **BEE**[355], **BEH**[119, 131, 358], **BER**[119], **BEV**[165], **BEY**[116], **BFR**[176], **BGS**[157, 178], **BHL**[206], **BIO**[154], **BJJ**[165], **BJY**[176], **BNT**[385], **BOT**[212, 217], **BOX**[168, 176], **BOY**[137, 234, 236], **BPR**[385]	**ABE**[447], **AEQ**[447], **AES**[447], **ANV**[447], **AQW**[447], **ARY**[447], **ASU**[447], **ATU**[447], **BCV**[447], **BIR**[447], **BIU**[447], **BMT**[447], **BOX**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Megaceryle torquata	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AEK**[86, 174], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 436], **AIP**[154], **AIR**[92, 130, 385], **AJQ**[385], **APR**[154], **AQW**[346], **AQY**[6], **AYZ**[264, 266, 350], **BBF**[83], **BBP**[343], **BBS**[35, 54, 57, 70, 119, 126, 131], **BBV**[119], **BDH**[35], **BDZ**[199, 280], **BEF**[58], **BEJ**[67], **BER**[119], **BFR**[165], **BGS**[178], **BGU**[119], **BHL**[206], **BIO**[154, 165], **BJZ**[66], **BLQ**[55, 300, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BNZ**[154], **BOX**[170, 176, 217], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AMU**[447], **ANQ**[447], **ANW**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AZZ**[447], **BCV**[447], **BCY**[447], **BDG**[447], **BDR**[447], **BEI**[447], **BEM**[447], **BHT**[447], **BHZ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BKK**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Chloroceryle amazona	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AGN**[7, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIR**[92, 130], **APX**[154], **AQW**[305, 346], **AQY**[5, 212], **ATW**[165], **AYZ**[264, 266], **BBS**[13, 35, 54, 57, 119, 131, 385, 435], **BDH**[35], **BDR**[116], **BDZ**[199, 280], **BEG**[364], **BER**[119], **BFR**[212, 217], **BGS**[157, 178], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[165, 323], **BJZ**[66], **BLQ**[55], **BMW**[68], **BOX**[86, 165, 168, 176]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAY**[447], **ACJ**[447], **ACQ**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHM**[447], **AMQ**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANY**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BCV**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJM**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Chloroceryle americana	D, M	**AAN**[247], **ABG**[385], **ABM**[206], **AEZ**[154], **AFL**[176], **AIN**[277, 436], **AIR**[22, 92, 130], **AJQ**[83, 155, 385], **AMP**[154], **AOZ**[154], **APR**[154], **APV**[154], **APW**[165, 176], **APX**[154], **AQW**[154, 346], **AQY**[6, 154, 212], **ARY**[212], **AYZ**[154, 264], **BBN**[154], **BBS**[35, 57, 131, 228, 435], **BBV**[119], **BDH**[35], **BDY**[96, 186, 199, 350, 436], **BDZ**[199, 280], **BFF**[212], **BFV**[165], **BGS**[157, 165, 178], **BHL**[206], **BIO**[83, 154, 165, 323], **BIT**[154], **BLQ**[155, 301], **BMO**[436], **BMW**[68], **BOX**[86], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **ADX**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFW**[447], **ALT**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANU**[447], **ANY**[447], **AOT**[447], **AQW**[447], **ART**[447], **AST**[447], **BCV**[447], **BDR**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKK**[447], **BKT**[447], **BMT**[447], **BOX**[447]
Jacamaralcyon tridactyla	D, M	**AAS**[340], **ABC**[131], **AHM**[385], **AMS**[329], **ATW**[119], **AXZ**[73, 158, 217], **BBP**[73, 158], **BBS**[158], **BCC**[64], **BCE**[64], **BCF**[64], **BDG**[73], **BDT**[116], **BEH**[73, 131, 158, 358, 433], **BER**[119], **BFR**[73, 212, 217], **BFT**[116], **BGG**[433], **BGO**[165], **BGP**[73], **BHN**[132, 133], **BJY**[73], **BPR**[385]	**AAC**[447], **AAE**[447], **ABC**[447], **ACX**[447], **ADL**[447], **AET**[447], **AFP**[447], **AFQ**[447], **AFW**[447], **AHM**[447], **ALT**[447], **AMS**[447], **ANP**[447], **ANX**[447], **AOS**[447], **ASU**[447], **AXX**[447], **BCU**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BII**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BNO**[447], **BPR**[447]
Galbula ruficauda	D, M	**AAF**[206], **AAL**[154], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ACN**[165], **AES**[83], **AFG**[419], **AGG**[7, 165], **AHM**[385], **AHS**[165, 427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130], **AJQ**[83, 155, 385], **AKN**[165], **ALP**[165], **ANU**[420], **AOQ**[165], **AOW**[165], **APX**[5, 20], **APY**[154], **AQY**[6, 212], **ATV**[155], **ATW**[96, 217], **AXZ**[217], **AYZ**[264], **BBS**[13, 54, 70, 83, 119, 124, 126, 128, 131, 228, 435], **BBV**[119], **BBW**[94], **BCD**[121], **BDR**[95,	**AAB**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAT**[447], **ABC**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[116], **BDY**[96, 436], **BDZ**[70, 96, 199, 280, 375], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BEP**[86], **BER**[119], **BEY**[116], **BFR**[176, 212, 217], **BFU**[154], **BFV**[165], **BGS**[157, 165, 178], **BGU**[119], **BGV**[217], **BHL**[206], **BHN**[132, 133], **BIO**[154], **BIX**[224], **BIY**[20], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BMZ**[154], **BNT**[385], **BOP**[436], **BOQ**[350], **BOX**[168], **BPR**[385]	**ANW**[447], **ANY**[447], **AOT**[447], **AQV**[447], **AQW**[447], **AST**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BDR**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKP**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Notharchus swainsoni	D, M	**ADI**[154], **AIN**[277, 350, 436], **AKQ**[116], **AOP**[154], **AOX**[154], **APV**[154], **AYZ**[264, 266], **BDY**[186, 199, 436], **BDZ**[70, 199, 280], **BGV**[217], **BIO**[154, 163]	**AQW**[447], **BIO**[447]
Nystalus chacuru	D, M	**AAN**[247], **AJQ**[155, 385], **ARY**[176], **BBP**[343], **BBS**[57, 131], **BBU**[155], **BBV**[119], **BCI**[176], **BEF**[58], **BEH**[131, 358], **BLQ**[55, 300, 394], **BLS**[160]	**AAB**[447], **AAR**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AFI**[447], **AFQ**[447], **AHM**[447], **ANP**[447], **ANV**[447], **AQS**[447], **AQV**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BCI**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIR**[447], **BIU**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BOX**[447]
Malacoptila striata	D, M	**AAF**[206], **AAS**[340], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **AES**[83], **AFG**[419], **AGG**[5, 7, 165], **AGI**[135], **AGJ**[135], **AHS**[165, 427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AIR**[92, 130, 385], **AJQ**[155, 385], **AKN**[165], **AKR**[155], **ALP**[165], **ALW**[154], **ANU**[420], **AOP**[154], **APV**[154], **APX**[5, 20], **APY**[154], **AQW**[346], **AQY**[6], **ARY**[176], **ATW**[217], **AUZ**[83], **AXZ**[217], **AYZ**[264, 350, 436], **BBF**[131], **BBS**[54, 57, 83, 119, 131, 435], **BBV**[119], **BBW**[94], **BDE**[165], **BDR**[116], **BDY**[186, 199, 350], **BDZ**[5, 199, 280, 305], **BEG**[28], **BEH**[119, 131, 135, 358], **BEN**[142], **BER**[119], **BFR**[212], **BGS**[157, 178], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154, 163, 165, 178], **BJZ**[66], **BLQ**[55, 83, 394], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOY**[236]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAR**[447], **AAZ**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGW**[447], **AHK**[447], **AMS**[447], **AMU**[447], **ANV**[447], **ANW**[447], **AOR**[447], **AQR**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BJU**[447], **BKK**[447], **BMM**[447], **BMT**[447]
Nonnula rubecula	D, M	**AIR**[130], **AKR**[155], **BBW**[94], **BDZ**[280], **BLQ**[392]	**AFQ**[447], **AHK**[447], **ANP**[447], **ARY**[447], **AXX**[447], **BHT**[447], **BJN**[447]
Monasa morphoeus	D, M	**AFL**[178], **AGG**[165], **ALP**[165], **AOP**[154], **APX**[5, 20], **AQW**[176], **AQY**[6, 212], **BDZ**[96, 199, 201, 305], **BEE**[70, 96], **BGS**[157, 178]	**AQW**[447], **BMT**[447]
Chelidoptera tenebrosa	D, M	**AGG**[5, 165], **AGN**[7, 165], **AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **AIQ**[85], **ALP**[165], **AOP**[154], **APX**[20], **AQW**[165], **AQY**[6], **ATW**[217], **AXZ**[217], **BBS**[57, 83, 131, 435], **BDY**[350, 436], **BDZ**[96, 199, 280, 305], **BEN**[142], **BFR**[212, 217], **BGL**[212, 217], **BGS**[157, 165], **BIO**[154, 165], **BIX**[224], **BIY**[20],	**AAF**[447], **AQW**[447], **BIO**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BOQ[350], **BOX**[168, 170, 176, 217]	
Ramphastos toco	D	**AJQ**[385], **BBP**[383], **BBW**[94], **BEH**[131, 358], **BLQ**[301, 417], **BOX**[168]	**AAB**[447], **ACQ**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AMU**[447], **AMZ**[447], **ANP**[447], **ANV**[447], **AOS**[447], **AQS**[447], **AQW**[447], **ART**[447], **ARY**[447], **BBY**[447], **BCV**[447], **BFK**[447], **BFX**[447], **BHU**[447], **BIL**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BOX**[447]
Ramphastos vitellinus	D, M	**AAF**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ACF**[154], **ACG**[154], **ADH**[153], **ADI**[154], **ADK**[154], **ADZ**[154], **AFY**[7, 165], **AGG**[7, 165], **AGK**[178], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AKQ**[116], **ALP**[165], **ANU**[420], **AOP**[154], **AOQ**[165], **APT**[154], **APV**[154], **APX**[20, 154], **APY**[154], **AQW**[165, 305, 346], **AQY**[5, 6, 165, 212], **ATW**[116], **AXZ**[217], **AYY**[176], **AYZ**[264, 266, 350, 436], **BBS**[54, 57, 96, 126, 131, 228, 435], **BCO**[154], **BCV**[176], **BDO**[436], **BDQ**[154], **BDR**[116], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[5, 96, 199, 280, 376], **BEE**[70, 83], **BEH**[119, 131, 358], **BES**[153], **BFF**[212], **BFO**[153], **BFR**[176, 212], **BFV**[165], **BGR**[153], **BHL**[206], **BIO**[154, 165], **BJZ**[66], **BKS**[176], **BLL**[153], **BMO**[436], **BMW**[68], **BOQ**[350], **BOT**[212], **BOX**[168, 170, 176, 217, 338], **BOY**[234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAH**[447], **ACX**[447], **ADS**[447], **AEV**[447], **AFL**[447], **AGW**[447], **AHM**[447], **AMS**[447], **ANU**[447], **ANY**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BCV**[447], **BDG**[447], **BEM**[447], **BHT**[447], **BIO**[447], **BIR**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMT**[447], **BOX**[447]
Ramphastos dicolorus	D, M	**AAU**[206], **ABM**[206], **ACN**[165], **ADX**[206], **AHV**[206], **ATW**[176], **BBP**[148, 237, 343], **BDR**[116], **BDY**[378], **BDZ**[280], **BEH**[131, 358], **BHL**[206], **BLQ**[55, 300, 394, 395]	**AAF**[447], **AAQ**[447], **ABB**[447], **ABE**[447], **AEU**[447], **AGW**[447], **ART**[447], **ASV**[447], **BHT**[447], **BHU**[447], **BIR**[447]
Selenidera maculirostris	D, M	**AAV**[350], **ABM**[206], **ACG**[154], **ACJ**[20], **AEZ**[154], **AGG**[165], **AGN**[7, 165], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[154, 350], **ANU**[420], **AOQ**[165], **APY**[154], **AQW**[165, 305, 346], **AQY**[5, 6, 212], **AVY**[154], **BDQ**[154], **BDY**[154, 186, 199, 350, 378, 436], **BDZ**[280], **BFG**[20, 224], **BHL**[206], **BHS**[154], **BIO**[154, 165], **BIX**[224], **BIY**[20], **BJZ**[66], **BMW**[68], **BOQ**[350], **BOU**[165], **BOX**[165]	**AAF**[447], **BIO**[447], **BMT**[447]
Pteroglossus bailloni	D, M	**AAV**[350], **ABM**[206], **ADX**[206], **AEK**[42, 165], **AHS**[427], **AHV**[206], **AIN**[274, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AJP**[217], **ANU**[420], **AOQ**[165], **ARS**[91], **ASY**[87], **AYZ**[264, 266], **BBP**[148, 237, 343], **BDV**[43], **BDY**[186, 350, 436], **BDZ**[280], **BEH**[131, 358], **BHL**[206], **BIO**[154, 165], **BJW**[134, 176], **BOQ**[350], **BOX**[86, 168, 170, 176, 217], **BOY**[234, 236]	**AAE**[447], **AAF**[447], **ABB**[447], **ART**[447], **ATU**[447], **BIO**[447], **BMM**[447], **BOX**[447]
Pteroglossus aracari	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ACJ**[20], **ACO**[154], **ADJ**[154], **AEK**[42, 176, 431], **AFK**[176], **AFL**[178], **AGG**[7, 165], **AGN**[7, 154], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350], **AIP**[350], **AJN**[176], **AKQ**[116], **ALP**[165], **ALW**[154], **ANU**[420], **AOO**[154], **AOW**[176], **AOX**[154], **APV**[154], **APX**[5, 20, 154], **APY**[154], **AQW**[165, 176, 305, 346], **AQY**[5, 6, 212], **ASY**[87], **AXZ**[217], **AYZ**[264, 266, 350], **BBS**[13, 54, 57, 81, 83, 96, 119, 126, 131, 155, 228, 385, 435], **BDD**[176], **BDO**[436], **BDR**[95, 116], **BDV**[41, 43], **BDY**[186, 350], **BDZ**[5, 70, 96, 199, 280, 375, 376], **BEE**[70, 96], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BEY**[116], **BFR**[176, 212], **BFU**[154], **BGS**[157, 178], **BGU**[119],	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABB**[447], **ABC**[447], **ACX**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AET**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHL**[447], **AHM**[447], **AIJ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BHL[206], **BHY**[154], **BIO**[154], **BIX**[224], **BIY**[20], **BJZ**[66], **BMW**[68], **BOP**[436], **BOQ**[350], **BOX**[168, 176], **BOY**[176, 234, 236], **BOZ**[154], **BPR**[385]	**ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCI**[447], **BCT**[447], **BCU**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHV**[447], **BHZ**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BNQ**[447], **BOW**[447], **BOX**[447], **BPP**[447]
Picumnus cirratus	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ACN**[165], **ADX**[206], **AEU**[155], **AFG**[419], **AFJ**[119], **AFR**[435], **AGN**[7, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130, 385], **AJP**[116, 217], **AJQ**[83, 385], **AJY**[155], **AKN**[165], **ALP**[165, 360], **ALR**[165], **AMR**[154], **AMY**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **AOZ**[154], **APV**[154], **APX**[5, 20, 154], **AQW**[154, 346], **AQY**[5, 6, 212], **ATW**[96, 217], **AXZ**[217], **AYZ**[264, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 119, 124, 126, 128, 131, 176, 385, 435], **BBT**[104], **BBV**[119], **BBW**[94, 163], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[70, 199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[20, 224], **BFV**[154], **BGU**[119], **BGV**[217], **BHL**[206], **BHN**[133], **BHY**[154, 436], **BIO**[96, 154, 163, 323], **BJZ**[66], **BLQ**[55, 155, 300, 394, 416], **BLS**[160], **BLY**[155], **BMW**[68], **BNT**[385], **BOQ**[350], **BOT**[212, 217], **BOX**[86, 165, 168, 170, 176, 217], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHN**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANT**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANZ**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATT**[447], **ATU**[447], **BCU**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Melanerpes candidus	D, M	**AAN**[247, 435], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AFL**[178], **AHM**[385], **AHV**[206], **AIN**[277, 436], **AIR**[92, 130], **AJQ**[385], **AKN**[165], **AOX**[154], **APV**[154], **APX**[154], **AQW**[165, 346], **AYZ**[154, 264, 266, 436], **BBF**[131], **BBP**[343], **BBS**[57, 131], **BBV**[119], **BDD**[176], **BDR**[116], **BDY**[436], **BDZ**[199, 280, 376], **BEF**[58], **BEQ**[86], **BER**[119], **BGQ**[7, 165], **BGU**[119], **BHL**[206], **BHW**[86], **BHY**[436], **BIO**[323], **BLQ**[394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOX**[86, 168, 170, 176, 217], **BOY**[234], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ACJ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AGO**[447], **AGY**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIL**[447], **BIP**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Melanerpes flavifrons	D, M	**AAW**[165], **ACO**[154], **ADJ**[154], **ADO**[20], **AGG**[5, 7, 165], **AGN**[7, 165], **AIL**[154], **AIN**[350], **AIP**[350], **AJU**[116], **AKQ**[116], **ALO**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[20], **APY**[154], **AQY**[6, 212], **ARY**[212], **ATW**[178], **AXZ**[217], **BBP**[343], **BBS**[54, 57, 83, 96, 119, 126, 131, 176, 435], **BCV**[176], **BDR**[95, 116], **BDY**[350], **BDZ**[5, 70, 96, 199, 280, 305, 375], **BEH**[119, 131, 358], **BEN**[142], **BFV**[165], **BGJ**[154], **BGL**[212, 217], **BGV**[217], **BIO**[165], **BIY**[20],	**ANO**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BOQ[350], **BOX**[168, 170, 176, 217]	
Veniliornis affinis	D, M	**AFL**[178], **AFM**[381], **APX**[20], **BDZ**[70, 199], **BEE**[70, 154], **BFV**[165], **BGS**[157, 178]	**AQW**[447], **BEM**[447], **BMT**[447]
Veniliornis maculifrons	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **ACJ**[20], **ACN**[165], **ADX**[206], **AGG**[165], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AJQ**[385], **AJU**[116], **AKL**[155], **AKQ**[116], **ALL**[165], **ALP**[165], **ANU**[420], **AOP**[154], **AOQ**[165], **APV**[154], **APX**[5], **AQW**[154, 346], **AQY**[6, 212], **ATW**[217], **AWZ**[363], **AXZ**[217], **AYZ**[154, 350, 436], **BBP**[343], **BBS**[54, 57, 83, 119, 126, 131, 228], **BBW**[94], **BCV**[176], **BDO**[436], **BDR**[116], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[28, 364], **BEH**[120, 131, 358], **BEJ**[67], **BEN**[142], **BFF**[212], **BFH**[95, 116], **BFV**[165], **BGS**[165], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154, 163, 165], **BJZ**[66], **BLQ**[155, 300], **BMO**[436], **BMW**[68], **BMZ**[154], **BOQ**[350], **BOU**[165], **BOX**[86, 165, 176], **BOY**[137, 234, 236]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **AQV**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BBY**[447], **BCV**[447], **BCY**[447], **BDR**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKK**[447], **BKQ**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Veniliornis passerinus	D, M	**AAN**[435], **AFG**[419], **AFR**[435], **AIQ**[85], **AIR**[92, 130], **AJQ**[385], **ATV**[155], **BBW**[94], **BLQ**[394], **BLS**[160], **BNT**[385]	**AAB**[447], **AAQ**[447], **ACQ**[447], **ADR**[447], **AFQ**[447], **AGW**[447], **ANP**[447], **ANV**[447], **ARY**[447], **BHU**[447], **BIR**[447]
Piculus flavigula	D, M	**AGG**[165], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AKQ**[116], **ALP**[165, 360], **APX**[5], **AQY**[6, 212], **BBS**[17, 126], **BDR**[116], **BDY**[154, 186, 199, 350, 436], **BDZ**[199], **BEE**[70, 154, 424], **BEN**[142], **BGS**[157, 178], **BGV**[217], **BIO**[154], **BOQ**[350]	**AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447], **BNO**[447]
Piculus polyzonus	D, M	**AGG**[165], **AIQ**[85], **AOP**[154], **APY**[154], **AQY**[6, 212], **BDZ**[199, 280], **BGS**[178]	**AQW**[447], **ASU**[447], **BMT**[447], **BNO**[447]
Piculus aurulentus	D, M	**AAF**[206], **AAV**[350], **ABM**[206], **AGG**[7], **AHS**[427], **AIN**[292, 344, 350, 436], **AIP**[350], **ANU**[420], **AOQ**[165], **BBP**[343], **BBS**[54], **BBW**[94, 153, 155], **BDY**[186, 350, 436], **BDZ**[305], **BHL**[206], **BIO**[83, 154, 165], **BLQ**[394], **BOQ**[350], **BOX**[176]	**AAF**[447], **AAQ**[447], **ABE**[447], **AEU**[447], **ANU**[447], **ART**[447], **BHU**[447], **BIO**[447], **BMM**[447]
Colaptes melanochloros	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABM**[206], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344], **AIR**[92, 130], **AJP**[217], **AJQ**[83, 155, 385, 395], **AKQ**[116], **ANU**[420], **AOQ**[165], **AQY**[6], **AXZ**[217], **AYZ**[154, 264, 266], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 131, 228, 435], **BDD**[176], **BDR**[116], **BDY**[199], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BGL**[212, 217], **BGV**[217], **BHL**[206], **BHN**[133], **BIO**[154, 165], **BIY**[20], **BJL**[165], **BLQ**[55, 163, 394, 395, 417], **BLS**[160], **BNR**[155], **BNT**[385], **BNU**[176], **BOT**[212, 217], **BOX**[168, 170, 176, 217], **BOY**[234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAZ**[447], **ACJ**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **ADR**[447], **ADS**[447], **ADW**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **AQV**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **BCV**[447], **BDR**[447], **BDW**[447], **BEP**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJS**[447], **BKS**[447], **BNO**[447], **BOX**[447]
Colaptes campestris	D, M	**AAF**[206], **AAJ**[416], **AAN**[119, 247, 435], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ADI**[154],	**AAB**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		ADX[206], **AEK**[42, 174], **AFG**[419], **AFJ**[119], **AFR**[435], **AGQ**[116], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AHX**[154], **AIL**[436], **AIN**[277, 436], **AIR**[22, 92, 130], **AJQ**[83, 155, 385, 400], **ALR**[165, 360], **AMY**[154], **ANU**[420], **AOZ**[154], **APQ**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **ASY**[176], **ATV**[155], **AYZ**[264, 266, 350], **BBF**[131], **BBP**[148, 343], **BBS**[13, 57, 119, 126, 131, 228], **BBT**[104], **BBV**[119], **BDO**[436], **BDR**[116], **BDY**[186, 436], **BDZ**[199, 280], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 165, 323], **BJS**[96], **BJZ**[66], **BKY**[416], **BLQ**[55, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BMY**[178], **BMZ**[154], **BNT**[385], **BOP**[436], **BOQ**[350], **BOT**[212, 217], **BOX**[86, 168, 176], **BOY**[234], **BPR**[385]	**AAR**[447], **AAY**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AHJ**[447], **AHP**[447], **AHY**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Celeus torquatus	D	**AJT**[53], **BEE**[70, 147]	**AQW**[447], **BMT**[447]
Celeus flavescens	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ACO**[154], **AEK**[42], **AFL**[178], **AFM**[381], **AGG**[165], **AGM**[154], **AGN**[7, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350], **AIP**[350], **AIQ**[85], **AIR**[92, 385], **AJP**[217], **AJT**[53], **AKN**[165], **AKQ**[116], **ALP**[165, 360], **AOP**[154], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[5, 154, 305], **APY**[154], **AQW**[154, 305, 346], **AQY**[5, 6, 212], **ASX**[86], **ASY**[87], **ATW**[165], **AXZ**[217], **AYZ**[264], **BBP**[343], **BBS**[54, 57, 83, 119, 126, 131, 176, 385, 435], **BDO**[436], **BDQ**[154, 165], **BDR**[95, 116, 165], **BDV**[43], **BDY**[186, 350, 436], **BDZ**[70, 199, 280, 376], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BEV**[165], **BFV**[154, 165], **BGS**[178], **BGU**[119], **BGV**[217], **BHL**[206], **BHY**[154, 436], **BIO**[165], **BJZ**[66], **BLQ**[55], **BMW**[68], **BMZ**[154], **BOQ**[350], **BOU**[165], **BOX**[165, 170, 176, 217], **BOY**[137, 234, 236]	**AAF**[447], **AAH**[447], **AAI**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANU**[447], **ANV**[447], **ANY**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ASV**[447], **BBM**[447], **BEM**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Celeus flavus	D, M	**ADJ**[154], **AGN**[154], **AJT**[53], **AKO**[7], **AOX**[154], **AQY**[212], **BDZ**[201, 280]	**AQW**[447]
Dryocopus lineatus	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ACO**[154], **ACU**[165], **ADX**[206], **AEK**[42, 176], **AFL**[178], **AGG**[5, 7, 165], **AGN**[7, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[154, 350], **AIQ**[85], **AIR**[92, 130], **AJQ**[83, 155, 385], **AKQ**[116], **ALW**[154], **ANU**[420], **AOQ**[165], **AOX**[154], **APQ**[154], **APV**[154], **APY**[154], **AQW**[165, 346], **AQY**[6, 212], **ASX**[86], **ATW**[165], **AXZ**[217], **AYZ**[350], **BBP**[343], **BBS**[70, 119, 126, 131, 435], **BBW**[94], **BDO**[436], **BDR**[116], **BDV**[43], **BDY**[186, 350, 436], **BDZ**[5, 280, 305, 375], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BGS**[178], **BGV**[217], **BHL**[206], **BHY**[436], **BIO**[154], **BJZ**[66], **BLS**[160], **BMO**[436], **BOQ**[350], **BOX**[86, 165, 176], **BOY**[137, 234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFU**[447], **AHP**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHZ**[447], **BIK**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJR**[447], **BKK**[447], **BKQ**[447], **BMM**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Campephilus robustus	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **ABM**[206], **ABR**[219], **ACY**[154], **AEK**[42], **AFG**[419], **AFL**[178],	**AAE**[447], **AAF**[447], **AAI**[447], **AAR**[447], **ABC**[447], **AEQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AFM[381], **AGN**[7, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AJP**[217], **AJQ**[385], **ALP**[165, 360], **ANU**[420], **AOP**[154], **AOQ**[165], **AOX**[154], **APV**[154], **APW**[176], **APX**[5], **AQW**[154, 165, 305], **AQY**[5], **ASX**[86], **AYY**[176], **AYZ**[264], **BBP**[148, 343], **BBS**[54, 57, 96, 126, 128, 131, 176, 385, 435], **BBW**[94], **BCV**[176], **BDR**[95, 116, 165], **BDV**[43], **BDY**[12, 186, 199, 350, 436], **BDZ**[70, 199, 280], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BFF**[212], **BFG**[224], **BFV**[165], **BGS**[157, 178], **BGV**[217], **BHL**[206], **BHY**[436], **BIO**[154, 163, 165], **BLQ**[300, 395], **BOQ**[350], **BOX**[168, 170, 176, 217], **BOY**[137, 234, 236], **BPR**[385]	**AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **ALT**[447], **AMS**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMM**[447], **BMT**[447], **BOX**[447]
Campephilus melanoleucos	D, M	**AQW**[305], **AQY**[5], **AYZ**[264, 266], **BDZ**[280], **BLQ**[394]	**BHT**[447]
Cariama cristata	D, M	**AAF**[206], **AAJ**[416], **AAN**[119, 247], **AAU**[206], **ABG**[385], **ABM**[206], **AEK**[86], **AFG**[419], **AFJ**[119], **AHM**[72], **AHS**[427], **AHV**[206], **AIQ**[85], **AIR**[92, 130], **AJQ**[385], **ANQ**[154], **ANU**[420], **BBF**[131], **BBP**[148, 343], **BBS**[57, 70, 119, 126, 131, 228], **BBV**[119], **BDY**[186], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 436], **BJT**[36], **BJW**[168], **BKY**[416], **BLQ**[55, 394, 397, 416, 417], **BLS**[160], **BNT**[385], **BOX**[168, 176], **BOY**[234], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANX**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBY**[447], **BCV**[447], **BCY**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Caracara plancus	D, M	**AAJ**[416], **AAN**[119, 247], **AAU**[206], **ABD**[325], **ABG**[385], **ABM**[206], **AFG**[419], **AFJ**[119], **AFL**[178], **AFR**[435], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AIN**[277, 324, 436], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJQ**[385], **ANU**[118, 420], **AOQ**[305], **APV**[154], **APX**[154], **AQU**[296], **AQW**[154, 305, 346], **AWX**[155], **AYZ**[264, 266], **BBF**[131, 216], **BBP**[343], **BBS**[13, 51, 54, 57, 60, 61, 119, 126, 131, 228, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCJ**[296], **BDO**[436], **BDY**[186, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[323], **BJZ**[66], **BKY**[416], **BLQ**[55, 300, 394, 397, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BNZ**[154], **BOQ**[350], **BOX**[86, 170, 176, 217], **BOY**[234, 444], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHK**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCI**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKK**[447], **BKT**[447], **BKV**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BKW[447], **BMM**[447], **BMS**[447], **BMT**[447], **BMX**[447], **BNO**[447], **BOW**[447], **BOX**[447], **BPR**[447]
Milvago chimachima	D, M	**AAF**[206], **AAJ**[416], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABD**[325], **ABG**[385], **ABM**[206], **ADX**[206], **AEK**[86, 431], **AFG**[419], **AFJ**[119], **AFR**[435], **AGG**[7, 165], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 324, 344, 350, 436], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJQ**[385], **AKN**[165], **ALU**[83], **ANU**[420], **AOP**[154], **AOQ**[165], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[154], **AQU**[296], **AQW**[154, 305, 346], **AQY**[6], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 51, 54, 57, 60, 61, 70, 83, 119, 126, 131, 228, 435], **BBV**[119], **BCJ**[296], **BDK**[155], **BDO**[436], **BDR**[116], **BDY**[186, 199, 350, 436], **BDZ**[5, 199, 280, 305], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BEX**[165], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 165, 323], **BLQ**[55, 300, 394, 395, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 176], **BOY**[234, 444], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADW**[447], **ADX**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHK**[447], **AHN**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **AMX**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHZ**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKO**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Herpetotheres cachinnans	D, M	**AAN**[247], **AAU**[206], **AAV**[350], **ABD**[325], **ABG**[385], **ABM**[206], **ABR**[219], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 324, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AJQ**[385], **ANU**[420], **AOX**[154], **AQU**[296], **AQW**[154, 346], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[51, 54, 57, 60, 61, 70, 119, 126, 131, 155, 228, 435], **BBV**[119], **BBW**[94], **BCJ**[296], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[70, 199, 280], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154], **BJZ**[66], **BLQ**[394, 397, 416, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOQ**[350], **BOY**[234, 236, 444], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAY**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AGW**[447], **ALT**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **AMX**[447], **ANV**[447], **ANW**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BEI**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKQ**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Micrastur ruficollis	D, M	**ABD**[325], **AHS**[427], **AIN**[154, 324, 344, 350, 436], **AIP**[350], **ANU**[420], **AOQ**[305], **ARY**[209], **ASY**[444], **AYZ**[154, 264, 266], **BBP**[343], **BBS**[51, 59, 61], **BDY**[96, 186, 199, 350, 436], **BDZ**[96, 280], **BEE**[354], **BEF**[58], **BHY**[436], **BIO**[154, 165, 178, 305], **BLQ**[417], **BNN**[154], **BOQ**[350], **BOX**[165], **BOY**[234]	**AAF**[447], **AAQ**[447], **ABE**[447], **AHK**[447], **ARY**[447], **AXX**[447], **BIO**[447], **BMM**[447], **BOX**[447]
Micrastur mintoni	D	**BEE**[354, 369]	**AQW**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Micrastur mirandollei	D	**BDZ**[96, 280, 369]	**AQW**[447]
Micrastur semitorquatus	D, M	**AAF**[206], **ABD**[325], **AGG**[165], **AIN**[436], **AIQ**[85], **AIR**[92], **AJQ**[385], **AOP**[154], **AOX**[154], **AQU**[296], **AQY**[209], **BBP**[343], **BBS**[13, 51, 60, 61, 126, 131], **BDY**[186, 199, 436], **BEF**[58], **BHL**[206], **BLQ**[96, 394, 417], **BLS**[160], **BOY**[234, 236, 444]	**AAF**[447], **AAX**[447], **AEU**[447], **AFQ**[447], **ALT**[447], **ANP**[447], **AQW**[447], **ASU**[447], **BBY**[447], **BCY**[447], **BEI**[447], **BFX**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BMT**[447], **BOX**[447]
Falco sparverius	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **ACC**[154], **ADI**[154], **ADK**[154], **AFJ**[119], **AFL**[178], **AFR**[435], **AGG**[7], **AHU**[51], **AHV**[206], **AIN**[277, 324], **AIR**[130], **AJQ**[385], **AJU**[116], **AOQ**[165], **AOX**[154], **AOZ**[154], **APR**[154], **APX**[20, 154], **APY**[154], **AQU**[296], **AQW**[154, 165, 346], **AQY**[6], **ATW**[165], **AXZ**[216], **AYZ**[264, 266], **BBP**[343], **BBS**[57, 60, 61, 119, 126, 131], **BBV**[119], **BCJ**[296], **BDR**[116], **BDZ**[5, 199, 280, 305], **BEF**[58], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BEV**[165], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 163, 165, 323], **BJZ**[66], **BLQ**[55, 394, 397, 416], **BLS**[26, 160], **BMW**[68], **BOP**[436], **BOX**[86, 163, 168, 176], **BOY**[234, 444], **BPR**[385]	**AAE**[447], **AAF**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AET**[447], **AFL**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ATV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BIV**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BKQ**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Falco femoralis	D, M	**AAF**[206], **AAN**[247], **ABD**[325], **AIN**[324, 436], **AIR**[130], **AJQ**[385], **AQU**[296], **AQW**[154, 346], **ARY**[24, 209], **AYZ**[350], **BBP**[343], **BBS**[51, 57, 60, 61, 81, 126, 131], **BDN**[83], **BDZ**[199], **BEH**[131, 358], **BEJ**[67], **BGU**[119], **BHL**[206], **BJZ**[66], **BLQ**[394, 397, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BOX**[86, 176], **BOY**[234, 444]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABE**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANZ**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEI**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIQ**[447], **BIU**[447], **BJK**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Falco rufigularis	D, M	**ABD**[325], **ABR**[219], **AFG**[419], **AGG**[7], **AHS**[427], **AIN**[277], **AIR**[92, 130], **ANU**[420], **AQU**[296], **AQW**[305, 346], **AYZ**[154, 264, 266, 350, 436], **BBS**[51, 54, 57, 60, 61, 119, 126, 131], **BDY**[186, 436], **BDZ**[5, 280, 305], **BEN**[142], **BHL**[206], **BHY**[436], **BIO**[154, 323], **BNT**[385], **BOY**[444]	**AAF**[447], **ABC**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **AMN**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQV**[447], **AQW**[447], **AQZ**[447], **ART**[447], **ARY**[447], **ASU**[447], **BCV**[447], **BEM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Falco deiroleucus	D	**AHZ**[93], **BDX**[353], **BDZ**[353], **BEE**[353], **BLQ**[62, 442]	**AES**[447], **BIO**[447]
Falco peregrinus	D	**AEX**[233], **AYZ**[264, 266], **BDZ**[280], **BLQ**[395, 416], **BOX**[86]	**AQW**[447], **BMT**[447]
Ara chloropterus	D, M	**AFL**[154], **AGG**[5, 7, 165], **AQY**[6, 165, 195, 212, 445], **AYZ**[264], **BBS**[57], **BCG**[217], **BDZ**[5, 99, 280], **BGS**[178, 214], **BIO**[154, 436], **BMT**[319]	**AAF**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Primolius maracana	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ADX**[206], **AFG**[419], **AGG**[5, 165], **AGN**[7], **AHM**[385], **AHV**[206], **AIL**[436], **AIQ**[85], **AJQ**[83, 155, 385, 400], **AKN**[165], **ANU**[420], **AQY**[6, 445], **ATW**[96, 217], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 119, 126, 131, 228, 435], **BCX**[154], **BDO**[436], **BDQ**[154, 165], **BDR**[95, 116], **BDY**[186], **BDZ**[70, 96, 199, 375], **BEE**[70, 330], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEN**[141, 142], **BFR**[170, 176, 217], **BGU**[119], **BHL**[206], **BHN**[78], **BHY**[436], **BNT**[385], **BOT**[212, 217], **BOX**[168, 192], **BOY**[145, 234, 236], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGO**[447], **AGW**[447], **AGY**[447], **AHI**[447], **AHK**[447], **AHL**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATT**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIK**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJQ**[447], **BJS**[447], **BKK**[447], **BKP**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Psittacara leucophthalmus	D, M	**AAJ**[416], **AAU**[206], **ABC**[131], **ABM**[206], **AEK**[42], **AFG**[419], **AFJ**[119], **AHM**[31, 72, 385], **AHV**[206], **AIJ**[176], **AIQ**[119], **AIR**[92, 130], **AJQ**[83, 155, 385, 395], **ALP**[165], **APX**[5], **APY**[154], **AQW**[346], **AQY**[195], **ATY**[155], **AYZ**[264], **BBF**[131], **BBP**[343], **BBS**[54, 96, 126, 131, 435], **BBV**[119], **BBW**[94], **BBY**[145, 176], **BDM**[155], **BDV**[43], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BEN**[141, 142], **BER**[119], **BFR**[212, 217], **BGL**[217], **BGU**[119], **BHL**[206], **BHN**[133], **BJZ**[66], **BLQ**[55, 83, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOX**[168], **BOY**[145, 234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAZ**[447], **ACJ**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFK**[447], **AFQ**[447], **AGY**[447], **AHK**[447], **AHL**[447], **AHQ**[447], **AHY**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **AMX**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANX**[447], **AOS**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASZ**[447], **ATU**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEP**[447], **BET**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIK**[447], **BIO**[447], **BIP**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJK**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKP**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Aratinga auricapillus	D, M	**AHK**[73, 83, 129], **AHM**[72, 385], **APX**[20, 73], **AQQ**[165], **AQY**[6], **ATW**[165, 217], **AXZ**[73], **BBS**[13, 54, 57, 73, 96, 126, 131, 228, 240, 433, 435], **BDR**[73, 95, 116], **BEF**[58], **BEH**[73, 131, 433], **BER**[119], **BGS**[73, 157, 178], **BGV**[73], **BJJ**[165], **BJL**[73], **BNT**[385], **BPR**[385]	**AAE**[447], **AAX**[447], **AAZ**[447], **ADM**[447], **ADS**[447], **AES**[447], **AFQ**[447], **AFU**[447], **AHM**[447], **AHQ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **ANN**[447], **ANZ**[447], **AQR**[447], **AQW**[447], **ARY**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			ASU[447], **AZZ**[447], **BCT**[447], **BHT**[447], **BIL**[447], **BJM**[447], **BJQ**[447], **BKQ**[447], **BKU**[447], **BKX**[447], **BMS**[447], **BPR**[447]
Eupsittula aurea	D, M	**AAN**[247], **AAU**[206], **ADK**[154], **AFL**[178], **AFM**[165], **AGG**[5, 7, 165], **AGN**[7], **AHV**[206], **AKN**[165], **ALP**[165], **AOP**[154], **AOX**[154], **APV**[154], **APX**[5, 20], **AQW**[154, 165, 346], **AQY**[5, 6], **BBS**[54, 126], **BDZ**[5, 199, 280], **BEE**[96, 330], **BEF**[58], **BEJ**[67], **BEN**[141, 142], **BEP**[86], **BHL**[206], **BLQ**[55], **BLS**[160], **BMW**[68]	**AAF**[447], **AEO**[447], **AER**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AMQ**[447], **ANV**[447], **AQS**[447], **AQW**[447], **BCV**[447], **BEM**[447], **BFK**[447], **BIO**[447], **BIR**[447], **BJM**[447], **BKK**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BOX**[447], **BPP**[447]
Pyrrhura cruentata	D, M	**ACJ**[20], **ACN**[73, 165], **ADJ**[154], **AGG**[5, 73, 165], **AGN**[7], **AKQ**[116], **ALP**[73, 165], **AOP**[154], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[5, 20, 129, 165], **AQW**[154, 165, 346], **AQY**[6, 73, 212], **ATW**[116, 217], **AXZ**[73, 217, 433], **BBS**[57, 73, 96, 126, 131, 433, 435], **BDQ**[73, 154, 165], **BDZ**[70, 199, 280, 433], **BEE**[70, 96, 149, 330, 433], **BEH**[73, 131, 358, 433], **BEN**[141, 142], **BEU**[73, 116], **BFF**[212], **BFR**[73, 170, 176, 212, 217], **BFV**[73], **BGS**[73, 157, 178], **BJJ**[165], **BJL**[73]	**ADS**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BMT**[447], **BNO**[447]
Pyrrhura frontalis	D, M	**AAF**[206], **AAV**[350], **ABD**[154], **ABE**[86, 176], **ABM**[206], **AEZ**[154], **AGV**[154], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AJN**[176], **ALQ**[176], **ALR**[165], **ANU**[420], **AOO**[165], **AOQ**[165], **AQY**[445], **AYZ**[154, 264, 266, 350, 436], **BBP**[237, 343], **BBS**[54, 57, 126, 131], **BDY**[70, 186, 199, 350, 436], **BEH**[131, 358], **BFR**[176], **BHL**[206], **BIO**[154, 165, 323], **BJW**[176], **BLQ**[55, 394], **BLS**[160], **BMO**[436], **BOQ**[350], **BOT**[212, 217], **BOV**[154], **BOX**[86, 168, 170, 176, 217], **BOZ**[154]	**AAF**[447], **ABE**[447], **ARY**[447], **ATU**[447], **BHT**[447], **BIO**[447]
Pyrrhura leucotis	D, M	**ACG**[154], **ACJ**[20], **ACO**[154], **ADI**[154], **ADJ**[154], **AEM**[154, 165], **AFL**[178], **AGG**[5, 7, 165], **AGN**[7, 165], **AJU**[116], **AKQ**[116], **AOZ**[154], **APR**[154], **APV**[154], **APX**[20, 165], **APY**[154], **AQW**[29, 154, 305], **AQY**[6], **ATW**[116, 165, 217], **AXZ**[217], **BBM**[154], **BBS**[13, 54, 57, 70, 83, 131, 176, 435], **BDR**[95, 116], **BDZ**[5, 70, 96, 199, 280, 376], **BEE**[70, 96, 205, 330, 424], **BEH**[131, 358], **BEN**[141, 142], **BFF**[212], **BFG**[165], **BFR**[170, 176, 217], **BFU**[154], **BFV**[165], **BGS**[157, 178], **BIO**[154], **BMT**[154], **BMZ**[154], **BOX**[168], **BOZ**[154]	**ADS**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BMS**[447], **BMT**[447], **BNO**[447]
Forpus xanthopterygius	D, M	**AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ACN**[165], **ADI**[154], **ADJ**[154], **AEK**[174, 176], **AES**[83], **AFG**[419], **AFL**[178], **AFR**[435], **AGG**[5, 165], **AGN**[7, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 436], **AIR**[22, 92, 130, 385], **AJQ**[83, 155, 385, 400], **AKN**[165], **AKQ**[116], **ALP**[165], **ALR**[165], **AMR**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[5, 154, 165], **APY**[154], **AQW**[346], **AQY**[6, 212], **ATW**[165], **AYZ**[264, 266, 350], **BBF**[131, 217], **BBP**[343], **BBS**[54, 57, 119, 126, 131, 435], **BBV**[119], **BDO**[436], **BDR**[116], **BDY**[199], **BDZ**[199, 280], **BEE**[330], **BEG**[364], **BEJ**[67], **BEN**[141, 142], **BER**[119], **BFG**[155], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 165, 323], **BIX**[224], **BJW**[176], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOP**[436], **BOT**[212, 217], **BOX**[86, 168, 176], **BOY**[234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHJ**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANS**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BMT[447], **BNO**[447], **BOR**[447], **BOX**[447]
Brotogeris tirica	D, M	**ABM**[206], **ACO**[154], **AEM**[154], **AFL**[178], **AFM**[165], **AGM**[154], **AIN**[277], **AIQ**[85], **AKN**[165], **ANU**[420], **AOP**[154], **AOQ**[165], **APV**[154], **APY**[154], **AQU**[296], **AQW**[154, 176, 346], **AQY**[6, 195, 212, 319], **ATW**[217], **AYZ**[264], **BBS**[57, 131], **BDQ**[154], **BDZ**[70, 199, 280, 302], **BEE**[70, 83, 330], **BEH**[131, 358], **BEJ**[67], **BEN**[141, 142], **BGJ**[154], **BGS**[165], **BIO**[165], **BJZ**[66], **BMW**[68], **BMZ**[154], **BNW**[176]	**AMP**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BMT**[447], **BNO**[447]
Brotogeris chiriri	D, M	**AFJ**[119], **AIR**[92], **AJQ**[155, 385], **BBS**[57], **BDZ**[199], **BEH**[119], **BLQ**[417], **BOX**[168]	**ACQ**[447], **ADR**[447], **ANO**[447], **BIR**[447]
Touit melanonotus	D	**AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **BDY**[186, 350, 436], **BMO**[436]	**BIO**[447]
Touit surdus	D, M	**ACH**[154], **AIN**[277, 436], **AYZ**[264], **BDY**[70, 73, 186, 199, 433, 436], **BDZ**[199, 433], **BEE**[73, 189, 330], **BIO**[154]	**AAF**[447], **AQW**[447], **BIO**[447], **BMT**[447]
Pionopsitta pileata	D, M	**AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AYZ**[264, 266], **BBP**[148, 237, 343], **BDY**[12, 70, 186, 199, 350, 436], **BIO**[154, 165], **BOQ**[350]	**ABE**[447], **BIO**[447]
Pionus reichenowi	D, M	**ACO**[154], **AFL**[165], **AGG**[5], **AGN**[7, 165], **AIN**[277], **ALW**[154], **AOP**[165], **AOZ**[154], **APP**[165], **APT**[165], **APV**[154], **APX**[20], **AQW**[154, 165], **AQY**[6], **BDZ**[96, 199, 280], **BEE**[96, 330], **BEN**[141, 142]	**AQW**[447], **BMT**[447]
Pionus maximiliani	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ADX**[206], **AEK**[42, 86], **AFG**[419], **AFJ**[119], **AFL**[178], **AGG**[5, 7, 165], **AGN**[7, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AJN**[176], **AJQ**[155, 385], **AKQ**[116], **ALW**[154], **ANU**[420], **AOX**[154], **APR**[154], **APX**[20], **APY**[154], **AQW**[154, 346], **AQY**[5, 6, 212], **ASY**[87], **ATW**[79, 116], **AXZ**[217], **AYZ**[264, 350, 436], **BBF**[79, 131, 217], **BBP**[343], **BBS**[54, 57, 70, 83, 96, 119, 126, 131, 385, 435], **BBT**[104], **BBW**[94], **BDO**[436], **BDQ**[79, 154, 165], **BDR**[95, 116], **BDV**[43], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEE**[70, 330], **BEF**[58], **BEG**[364], **BEH**[83, 131, 358], **BEJ**[67], **BEN**[141, 142], **BER**[119], **BFR**[79, 212], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83], **BIT**[154], **BJZ**[66], **BLQ**[55, 300, 394, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOV**[154], **BOX**[86, 168, 176], **BOY**[145, 234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGO**[447], **AGY**[447], **AHY**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BDD**[447], **BDW**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKK**[447], **BKT**[447], **BKX**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Amazona vinacea	D, M	**AAS**[340], **AAU**[206], **ABM**[206], **ABP**[153], **ABR**[219], **AHM**[72, 385, 418], **AHV**[206], **AKL**[153], **AKP**[153], **AKZ**[153], **AQY**[6], **ATW**[73, 165, 217], **AYZ**[264], **BBF**[131], **BBP**[343], **BBS**[385, 388], **BCC**[64], **BCE**[64], **BCF**[64], **BCV**[73], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[73, 131, 358, 433], **BEP**[155], **BFO**[153], **BGR**[153], **BHL**[206], **BIO**[154], **BOX**[338], **BOY**[234, 236], **BPR**[385]	**AAF**[447], **AAH**[447], **AAI**[447], **ABE**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **ALT**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANU**[447], **AQV**[447], **AST**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BCY**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHV**[447], **BII**[447], **BIL**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BKX**[447], **BMM**[447], **BMS**[447], **BOX**[447]
Amazona farinosa	D, M	**AGG**[5, 7, 165], **AGN**[7, 165], **AQY**[6, 195, 212], **AXZ**[217], **BBS**[13, 54, 57, 70, 96, 126, 131, 176, 228, 385, 435],	**ADS**[447], **AFL**[447], **AGY**[447], **AMZ**[447], **ANO**[447], **AQW**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BDQ[154, 165], **BDY**[96], **BDZ**[5, 70, 96, 199, 280], **BEE**[330], **BEG**[364], **BEH**[131, 358], **BEN**[141, 142], **BFR**[212, 217], **BGS**[157, 178, 214]	**ASU**[447], **BBM**[447], **BET**[447], **BJM**[447], **BMT**[447], **BNO**[447]
Amazona amazonica	D, M	**ABM**[206], **AFL**[178], **AKN**[165], **APV**[154], **AQW**[154, 346], **AQY**[6], **BDZ**[199], **BEE**[330], **BEJ**[67], **BEN**[141, 142], **BHL**[206], **BMW**[68]	**AAF**[447], **AES**[447], **AFL**[447], **ANY**[447], **AQW**[447], **AST**[447], **BIO**[447], **BMT**[447]
Amazona rhodocorytha	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ACO**[154], **AEM**[154], **AHS**[427], **AHV**[206], **AIK**[233], **AIN**[162, 277, 344, 350, 436], **AIP**[350], **ANQ**[154], **ANU**[154, 420], **AOP**[154], **AOZ**[154], **APT**[73, 165], **APY**[154], **AQW**[154, 346], **AQY**[6, 445], **AYZ**[350], **BBS**[57, 70, 131, 433], **BDO**[436], **BDY**[12, 73, 186, 199, 350, 433, 436], **BDZ**[12, 70, 73, 199, 280, 302, 433], **BEE**[73, 155, 330, 433], **BEJ**[67], **BEN**[141, 142], **BGV**[73, 217], **BHL**[206], **BHY**[436], **BIO**[73, 154, 165], **BJZ**[66], **BMW**[68], **BOQ**[350]	**AAF**[447], **AAI**[447], **ACJ**[447], **AFL**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **BBM**[447], **BEI**[447], **BEM**[447], **BIL**[447], **BIO**[447], **BJJ**[447], **BMT**[447]
Triclaria malachitacea	D, M	**AGG**[7, 73, 165], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AQY**[5, 6, 73, 212], **AYZ**[264], **BDY**[70, 73, 96, 186, 199, 350, 433, 436], **BDZ**[99, 433], **BEN**[141], **BFR**[176, 212, 217], **BIO**[73, 154, 165], **BOQ**[350]	**BIO**[447]
Myrmorchilus strigilatus	D	**AYZ**[264, 266], **BBR**[398]	**BIV**[447]
Terenura maculata	D, M	**AAV**[350], **ABM**[206], **ACJ**[165], **AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **ATW**[217], **BBS**[131, 435], **BDY**[70, 186, 199, 350, 436], **BDZ**[70, 199, 280], **BEI**[217], **BFG**[182, 224], **BGV**[217], **BHL**[206], **BIO**[154], **BOP**[165], **BOQ**[350]	**AAF**[447], **BIO**[447]
Myrmotherula axillaris	D, M	**ACN**[165], **ADJ**[154], **AEK**[48], **AFM**[381], **AGG**[5, 10, 165], **AGM**[154], **AKN**[165], **ALM**[165], **ALP**[165], **AMR**[154], **AMY**[154], **AOP**[154], **AOQ**[165], **AOZ**[154], **APR**[154], **APV**[154], **APX**[5, 154, 182], **APY**[154], **AQW**[165, 346], **ARX**[155], **ATW**[217], **AXZ**[95, 217], **AYZ**[264], **BBP**[237], **BBS**[54, 57, 83, 96, 119, 126, 127, 128, 131, 165, 228, 385, 435], **BDO**[436], **BDR**[116], **BDZ**[70, 96, 199, 280], **BEE**[70, 96, 154], **BEG**[364], **BEH**[131, 358], **BEI**[217], **BEJ**[67], **BEN**[142], **BFG**[182, 224], **BFI**[152], **BFN**[182], **BFT**[116], **BFV**[154, 165], **BGS**[156, 177], **BGV**[217], **BHY**[436], **BIX**[217, 224], **BIY**[182], **BJZ**[66], **BMW**[68]	**AEQ**[447], **AFL**[447], **AGY**[447], **AMZ**[447], **ANO**[447], **AQW**[447], **AST**[447], **ASU**[447], **BEP**[447], **BJM**[447], **BJY**[447], **BMT**[447], **BNO**[447]
Myrmotherula minor	D, M	**AIN**[436], **BDY**[199, 436], **BDZ**[70, 280], **BEN**[142], **BIO**[154, 165]	**BIO**[447]
Myrmotherula urosticta	D, M	**ACJ**[165], **ACN**[165], **AGG**[165], **ALP**[116, 165], **APX**[5, 182], **BDZ**[70, 199, 280], **BEN**[142], **BFN**[182], **BGS**[156, 177], **BIX**[217, 224], **BIY**[181]	**AQW**[447], **BMT**[447]
Formicivora grisea	D, M	**APV**[154], **AQW**[154], **BCZ**[423], **BDX**[165], **BDZ**[280], **BEE**[423], **BJZ**[66]	**AQW**[447]
Formicivora serrana	D, M	**AAF**[206], **AAJ**[416], **AAZ**[327], **ABC**[131], **ABE**[175], **ABG**[385], **ABM**[206], **ACN**[165], **ACW**[423], **AFG**[419], **AFJ**[119], **AFR**[327, 435], **AHK**[129, 327], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 344, 350, 436], **AIR**[83, 92, 130, 379, 385], **AJP**[217], **AJQ**[83, 155, 385, 400], **AJY**[155], **ALL**[165], **ALQ**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **ARS**[91], **ARY**[83], **ASY**[239], **ATW**[217], **AUZ**[83], **AXZ**[217], **BBF**[131], **BBS**[119, 131, 165], **BBW**[94, 165], **BDR**[116], **BDY**[186, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[119, 131, 358], **BEI**[217], **BEL**[217], **BER**[119], **BFG**[182], **BFL**[217], **BFR**[95, 212, 217], **BGL**[212,	**AAF**[447], **AAR**[447], **AAX**[447], **ABC**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BEP**[447], **BFK**[447], **BFX**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		217, **BGU**119, **BHL**206, **BHN**133, **BIO**165, **BLQ**159, 165, 300, 394, 416, 417, **BLS**160, **BLY**155, **BMO**436, **BNT**385, **BOT**212, 217, **BOV**154, **BOX**165, 175, **BOY**137, 234, 236, **BPR**385	**BHT**447, **BHU**447, **BIO**447, **BIR**447, **BIU**447, **BIV**447, **BJN**447, **BJR**447, **BKT**447, **BKW**447, **BNO**447, **BOX**447
Formicivora rufa	D, M	**AGM**154, **AKN**165, **AKT**154, **AOX**154, **APV**154, **APX**165, 182, **AQW**154, 165, 346, **BBE**423, **BEE**423, **BFU**423, **BFV**154, **BJZ**66, **BMW**68	**AFL**447, **AQW**447
Thamnomanes caesius	D, M	**ACN**165, **AFL**177, **AFM**381, **ALP**165, **APX**5, 182, **ATW**217, **AXZ**95, 217, **BDR**165, 194, **BDZ**70, 96, 199, 201, 280, **BEE**355, **BFG**182, 224, **BFN**182, **BFR**212, 217, **BGS**156, 177, **BGV**217, **BIO**165, **BIX**217, 224, **BIY**182, **BMZ**154	**AQW**447, **BMT**447
Rhopias gularis	D, M	**AHS**427, **AIN**277, 344, 350, 436, **AIP**350, **AYZ**264, 266, **BBP**175, 383, **BDY**96, 186, 199, 350, 436, **BDZ**280, **BIO**154, 165	**AAF**447, **ABE**447, **BIO**447
Dysithamnus stictothorax	D, M	**AAV**350, **ABM**206, **ABR**219, **AHM**385, **AHS**427, **AHV**206, **AIN**154, 277, 344, 350, 436, **AIP**350, **ANU**420, **AOQ**165, **ARY**212, **ATW**217, **AXZ**217, **AYZ**350, **BDY**70, 96, 186, 199, 350, 436, **BDZ**280, **BES**152, 153, **BFO**153, **BGM**83, **BGS**156, 177, **BGV**217, **BHL**206, **BIO**83, 154, 165, **BLL**153, **BMO**436, **BOQ**350, **BPR**385	**AAF**447, **ABC**447, **ADM**447, **ALT**447, **AMS**447, **ANU**447, **AQR**447, **AQV**447, **BHT**447, **BIO**447
Dysithamnus mentalis	D, M	**AAF**206, **AAV**350, **ABG**385, **ABM**206, **ACJ**165, 182, 183, **AGJ**135, **AHS**427, **AHV**206, **AIN**344, 350, 436, **AIP**154, 350, **AIQ**85, **AIR**83, 92, 130, 379, 385, **AJP**217, **AJQ**155, 385, **AKL**155, **ALR**165, **ANU**420, **AOQ**165, **ARY**83, 220, 221, **ASY**175, 239, **ATW**217, **AUZ**83, 175, **AYZ**350, 436, **BBF**131, **BBP**343, **BBS**57, 131, **BBW**94, **BDY**70, 96, 186, 199, 350, 378, 436, **BDZ**280, **BEH**83, 119, 131, 135, 358, **BEI**181, 217, **BER**119, **BFG**224, **BGV**217, **BHL**206, **BIO**70, 83, 154, 165, 438, **BLQ**55, 300, 394, 417, **BLS**160, **BOQ**350, **BOX**86, 175, 342, **BOY**137, 234, 236	**AAF**447, **ABC**447, **ABE**447, **ACQ**447, **AEQ**447, **AEU**447, **AGW**447, **AMS**447, **ANU**447, **ANV**447, **ART**447, **ASV**447, **BBY**447, **BCV**447, **BHT**447, **BHU**447, **BIO**447, **BIR**447, **BOX**447
Dysithamnus plumbeus	D, M	**ACJ**20, **AFL**73, **AFM**381, **AKQ**116, **ALP**73, 165, **AOQ**73, 165, **APX**5, 73, 182, **AQY**165, **ARU**155, **ATW**217, **AWW**154, **AXZ**73, 217, **BBS**13, 54, 57, 70, 73, 83, 96, 126, 127, 128, 131, 135, 153, **BDR**73, 95, **BDY**99, 107, 186, 433, 436, **BDZ**70, 73, 199, 280, 306, 375, 433, **BEE**73, 355, 433, **BEH**73, 83, 120, 131, 135, 153, 358, 433, **BFI**152, 153, **BFN**182, **BFR**212, 217, **BGG**433, **BGS**73, 177, **BIX**217, **BIY**183	**AES**447, **AFV**447, **AQW**447, **ASU**447, **BMT**447, **BNO**447
Herpsilochmus atricapillus	D, M	**AFG**419, **AFJ**119, **AIQ**85, **AIR**92, 130, 385, **AJQ**83, 155, 385, 400, **BBF**131, **BBV**119, **BBW**94, **BEH**358, **BER**119, **BLQ**300, 394, 417, **BLS**160, **BNT**385	**ACQ**447, **ADR**447, **AEU**447, **ANP**447, **ANV**447, **AOT**447, **ARY**447, **AXX**447, **BCV**447, **BFX**447, **BHT**447, **BHU**447, **BJN**447
Herpsilochmus rufimarginatus	D, M	**ABR**219, **AFG**419, **AFR**435, **AHM**385, **AHS**427, **AIN**344, 350, 436, **AIP**350, **AIR**83, 92, **ANU**420, **APX**182, **ATW**217, **AXZ**217, **BBP**383, **BBS**70, 96, 126, 131, 435, **BDY**186, 350, **BDZ**96, 199, 280, 302, **BEE**70, **BEF**58, **BEH**131, 358, **BEI**217, **BEN**142, **BFG**182, 224, **BFV**165, **BGV**217, **BLQ**417, **BNT**385, **BOQ**350, **BOY**137, 234, 236	**AAF**447, **AAR**447, **AAZ**447, **ABC**447, **ABE**447, **AEQ**447, **AEV**447, **AFQ**447, **ALT**447, **AMS**447, **ANP**447, **ANV**447, **AQV**447, **AQW**447, **ARY**447, **ASU**447, **ASV**447, **AXX**447, **BBY**447, **BCV**447, **BDG**447, **BFK**447, **BFX**447, **BHT**447,

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
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Sakesphorus cristatus	D, M	**AAZ**[327], **AFR**[327], **AHK**[327], **AJY**[155], **BBV**[83, 140], **BEF**[58], **BLX**[155]	**AFQ**[447], **AMS**[447], **AXX**[447], **BHT**[447], **BIV**[447]
Thamnophilus doliatus	D	**BNT**[385]	**ASS**[447], **BIU**[447]
Thamnophilus ruficapillus	D, M	**AAF**[206], **ACN**[193], **AFG**[419], **AHS**[427], **AIN**[277, 436], **AIQ**[119], **AIR**[92, 130], **AJQ**[83, 385], **ALR**[165], **ARY**[83, 217], **BBP**[343], **BDN**[83], **BDY**[199], **BDZ**[280], **BER**[119], **BHL**[206], **BIO**[83, 154, 165], **BLQ**[83, 394, 416], **BMO**[436], **BOP**[436], **BOT**[212, 217], **BPR**[385]	**AAF**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AEU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **ART**[447], **ARY**[447], **ATU**[447], **AXX**[447], **BCH**[447], **BCV**[447], **BDW**[447], **BIR**[447], **BKT**[447], **BKX**[447], **BOX**[447]
Thamnophilus torquatus	D, M	**AAN**[247], **AFR**[435], **AJQ**[400], **AYZ**[264], **BBH**[115, 215], **BEF**[58], **BMU**[400]	**AEU**[447], **AFQ**[447], **AMS**[447], **ANP**[447], **ANS**[447], **BJN**[447], **BKX**[447]
Thamnophilus palliatus	D, M	**AAS**[340], **AAU**[206], **ABM**[206], **AES**[83], **AFM**[381], **AGG**[165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350, 436], **AKN**[165], **ALP**[165], **AMR**[154], **ANU**[420], **AOQ**[165], **AOX**[154], **APX**[5, 165, 180], **APY**[154], **AQW**[165, 346], **AQY**[212], **ATW**[116, 165, 217], **AXZ**[217], **AYZ**[350], **BBS**[13, 54, 57, 83, 96, 119, 126, 131, 435], **BDO**[436], **BDR**[95, 116], **BDZ**[199], **BEE**[70], **BEG**[364], **BEH**[131, 358], **BEI**[217], **BER**[119], **BFG**[180], **BFR**[212, 217], **BFS**[116], **BGS**[156, 165, 177], **BGU**[119], **BGV**[217], **BHL**[206], **BIO**[165], **BIX**[217], **BIY**[180], **BJZ**[66], **BMW**[68], **BNT**[385], **BOP**[436], **BPR**[385]	**AAC**[447], **AAE**[447], **AAF**[447], **AAT**[447], **AAX**[447], **ABB**[447], **ABC**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AET**[447], **AFL**[447], **AGY**[447], **AHJ**[447], **AHL**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANQ**[447], **ANR**[447], **ANS**[447], **ANU**[447], **ANW**[447], **ANX**[447], **AOR**[447], **AQV**[447], **AQW**[447], **ASS**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BDD**[447], **BDR**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BET**[447], **BHT**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BJU**[447], **BKK**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BPR**[447]
Thamnophilus ambiguus	D, M	**AAF**[206], **AAU**[206], **ABG**[385], **ABM**[206], **ABR**[219], **ADJ**[154], **AES**[83], **AFL**[165], **AGG**[165], **AGM**[154], **AHU**[120], **AHV**[206], **AIL**[154, 436], **AIN**[277], **AKN**[165], **AKQ**[116], **ALP**[165], **AOP**[154], **APX**[5, 154, 165, 180], **APY**[154], **AQW**[165, 346], **AQY**[212], **ARX**[155], **ATW**[116], **BBS**[13, 54, 57, 70, 83, 96, 119, 126, 128, 131, 135, 175, 385, 435], **BDO**[436], **BDR**[95, 116], **BDX**[165], **BDZ**[70, 96, 199, 280, 302], **BEG**[364], **BEH**[119, 120, 131, 135, 358], **BEI**[217], **BEJ**[67], **BEN**[142], **BFG**[180, 224], **BFN**[180], **BGJ**[154], **BGS**[156, 177], **BGU**[119], **BGV**[217], **BHL**[206], **BHY**[436], **BIO**[165], **BJZ**[66], **BMW**[68], **BNR**[155], **BNS**[165], **BNT**[385], **BOV**[154]	**AAF**[447], **AAH**[447], **AAI**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AGY**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BCY**[447], **BEI**[447], **BEP**[447], **BJM**[447], **BJS**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BPP**[447], **BPR**[447]
Thamnophilus caerulescens	D, M	**AAF**[206], **AAN**[187, 247, 435], **AAS**[340], **AAU**[206], **AAV**[350], **ABC**[131], **ABE**[83], **ABM**[206], **ABR**[219], **ADX**[206], **AEE**[83], **AEK**[339, 431], **AFG**[419], **AFH**[175], **AFJ**[119], **AFR**[435], **AGI**[135], **AGJ**[135], **AHK**[83], **AHM**[385], **AHR**[83], **AHS**[427], **AHT**[83, 120], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[83, 92, 130, 379, 385], **AJP**[217], **AJQ**[83, 155, 385], **AKK**[83], **ALQ**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **ARY**[83], **ASX**[86], **ASY**[175, 239], **AUY**[155], **AUZ**[83, 175],	**AAB**[447], **AAC**[447], **AAF**[447], **AAQ**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQV**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **BCV**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
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Taraba major	D, M	**AAF**[206], **AAP**[420], **AAU**[206], **AAV**[426], **ABC**[131], **ABG**[385], **ABM**[206], **ADI**[154], **AFJ**[119], **AFL**[165], **AFM**[381], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277], **AIR**[130], **AJQ**[155, 385], **AKN**[165], **ALP**[165], **AMR**[154], **AMY**[154], **ANY**[154], **AOX**[154], **APQ**[154], **APS**[154], **APV**[154], **APX**[5, 180], **APY**[154], **AQW**[154, 346], **AQY**[212], **AYZ**[264], **BBS**[119, 126], **BBV**[119], **BDZ**[199, 280], **BEG**[364], **BER**[119], **BFG**[155], **BGU**[119], **BHL**[206], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BOZ**[154, 426], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **ADW**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHJ**[447], **AHM**[447], **AHP**[447], **ALT**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **AQR**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **BBM**[447], **BCT**[447], **BDR**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHV**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKK**[447], **BKX**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BPP**[447], **BPR**[447]
Hypoedaleus guttatus	D, M	**AAV**[350], **ACJ**[180], **ACN**[165], **AHS**[427], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **APX**[180], **AQY**[212], **BDI**[432], **BDY**[70, 96, 186, 199, 350, 378, 436], **BDZ**[280], **BFF**[212], **BFR**[212, 217], **BGS**[156, 177], **BIO**[83, 154], **BOQ**[350]	**BIO**[447]
Batara cinerea	D, M	**ABM**[206], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[154, 350], **ALR**[165], **AOQ**[165], **AYZ**[264], **BBP**[343], **BDY**[186, 199, 350, 436], **BDZ**[96, 280], **BHL**[206], **BHO**[400], **BIO**[83, 165], **BOQ**[350]	**AAF**[447], **ABE**[447]
Mackenziaena leachii	D, M	**AAN**[247], **ABC**[131], **AFG**[419], **AIQ**[119], **AIR**[22, 92, 130, 385], **AJQ**[83, 155, 385], **BBP**[175, 343], **BBW**[94], **BDR**[116], **BEF**[58], **BEH**[131, 358], **BER**[119], **BJT**[36], **BLQ**[55, 83, 155, 300, 301, 394, 397, 416, 417], **BOO**[155]	**ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **AEU**[447], **ANV**[447], **ART**[447], **ARY**[447], **BFX**[447], **BHU**[447], **BIV**[447]
Mackenziaena severa	D, M	**AAU**[206], **ABC**[131], **ABM**[206], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[130, 385], **AJQ**[83, 155, 385], **ANU**[420], **AOQ**[165], **ASY**[239], **ATV**[155], **AYZ**[264], **BBF**[131], **BBP**[343], **BBR**[398], **BBW**[94], **BDY**[199, 350, 436], **BDZ**[280], **BEF**[58], **BHL**[206], **BHN**[133], **BIO**[154, 165], **BLQ**[55, 83, 394, 417], **BLS**[160], **BNT**[385], **BOQ**[350], **BOX**[86, 165, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **ABC**[447], **ACQ**[447], **ACX**[447], **ADL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AMS**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ART**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKT**[447], **BOX**[447]
Myrmoderus ruficauda	D, M	**ACJ**[182], **ACN**[73, 165], **AFM**[73, 381], **AKN**[73, 165], **ALP**[73, 165], **AOP**[154], **AOZ**[154], **APX**[5, 129, 182], **AQY**[76, 212], **ATW**[33], **BDZ**[70, 73, 199, 280, 306, 433], **BEI**[217], **BFG**[73, 182, 224]	**AQW**[447], **BMT**[447]
Myrmoderus loricatus	D, M	**AAV**[350], **ABC**[131], **ABF**[155], **ABM**[206], **ADG**[155], **ADX**[206], **AFG**[419], **AFR**[435], **AGI**[135],	**AAF**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AGJ[135], **AGK**[177], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[22, 83, 92, 130, 385], **AJP**[217], **AKL**[155], **ALQ**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **ATW**[217], **AUZ**[83, 175], **AXZ**[217], **BBF**[131], **BBP**[120, 165, 343], **BBS**[57], **BBW**[94], **BDY**[70, 96, 154, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BGM**[83], **BHL**[206], **BHU**[217], **BIO**[83, 154, 157, 165, 438], **BLQ**[55, 83, 155, 300, 394, 417], **BMO**[436], **BOQ**[350], **BOY**[234, 236]	**AEU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ARY**[447], **AXX**[447], **BFX**[447], **BHU**[447], **BIO**[447], **BJN**[447], **BOX**[447]
Pyriglena leucoptera	D, M	**AAN**[247], **AAU**[206], **AAV**[350], **AAW**[165], **ABC**[131], **ABM**[206], **ABO**[155], **ABR**[219], **ADX**[206], **AEE**[83], **AES**[74], **AFG**[419], **AFH**[165], **AFM**[381], **AFR**[435], **AFZ**[83], **AGG**[5, 165], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[22, 83, 88, 89, 90, 92, 130, 385], **AJQ**[83, 155, 385], **AJY**[155], **AKK**[121], **AKL**[155], **AKR**[155], **ALP**[165], **ALQ**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **APX**[5, 182], **AQY**[10], **ARV**[155], **ARY**[83], **ASY**[175, 235, 239], **ATZ**[83, 155], **AUZ**[83, 175], **AYZ**[350], **BBF**[131], **BBP**[343], **BBV**[119], **BBW**[94], **BDN**[83], **BDR**[165], **BDY**[96, 154, 186, 199, 350, 436], **BDZ**[70, 96, 199, 280], **BEE**[70, 154], **BEF**[58], **BEH**[119, 131, 358], **BEI**[217], **BEJ**[67], **BER**[119], **BFG**[182, 224], **BGU**[119], **BHL**[206], **BHN**[133], **BHU**[217], **BIO**[83, 154, 165, 438], **BIX**[182, 217, 224], **BJT**[36], **BJZ**[66], **BLQ**[55, 83, 155, 300, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOU**[165], **BOX**[29, 86, 165, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ART**[447], **ARY**[447], **AXX**[447], **BBY**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BMT**[447], **BOX**[447]
Cercomacra brasiliana	D, M	**AAZ**[327], **ABJ**[152], **AFG**[419], **AFR**[327], **AHK**[150, 327], **AHM**[385], **AIX**[152], **AKL**[152, 155], **ANU**[420], **AYY**[150], **BCE**[152], **BDZ**[280], **BES**[152], **BFI**[152], **BIX**[224], **BIY**[224]	**ABC**[447], **ACX**[447], **AEQ**[447], **AFQ**[447], **AFW**[447], **AHM**[447], **AMS**[447], **ARY**[447], **ATU**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHW**[447], **BJN**[447], **BNO**[447]
Drymophila ferruginea	D, M	**AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AII**[38], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AJQ**[83, 155, 385], **AKR**[155], **ALR**[165], **ANU**[420], **AOQ**[165], **ASY**[239], **ATZ**[83], **AUZ**[83], **AYZ**[264, 266, 350, 436], **BBP**[165, 237, 343], **BBW**[94], **BDY**[70, 154, 186, 350, 436], **BDZ**[280], **BEF**[58], **BHL**[206], **BHU**[217], **BIO**[70, 83, 154, 165], **BLQ**[55, 83, 394, 417], **BMO**[436], **BOQ**[350], **BOX**[86, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **ABC**[447], **ABE**[447], **ACX**[447], **AEQ**[447], **AEU**[447], **AFF**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHM**[447], **AMS**[447], **ANP**[447], **ANU**[447], **ART**[447], **ARY**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BOX**[447]
Drymophila rubricollis	D, M	**BIO**[438], **BLQ**[200, 394]	**BHU**[447]
Drymophila genei	D, M	**BBP**[134, 175, 383], **BLO**[383, 416]	**ABE**[447], **BMM**[447]
Drymophila ochropyga	D, M	**AAN**[247], **AAV**[154, 350], **AAZ**[327], **ABC**[131], **ACQ**[155], **AEE**[83], **AFG**[419], **AFR**[327, 435], **AGI**[135], **AGJ**[135], **AHK**[327], **AHS**[427], **AHT**[120], **AII**[38], **AIN**[277, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[83, 92, 130, 379, 385], **AJQ**[83, 155, 385], **AKR**[155], **ALQ**[165], **ALR**[165], **ATZ**[83], **AUU**[154], **AUZ**[83, 175], **BBF**[131], **BBP**[177, 343], **BBW**[94], **BDY**[186, 350, 436], **BEF**[58], **BEH**[131, 358], **BHN**[133], **BIO**[83, 154, 165, 438], **BLQ**[55, 83, 129, 155, 159, 300, 394, 417], **BLS**[160], **BLY**[155], **BMO**[436], **BMW**[68], **BOQ**[350], **BOY**[137, 234, 236]	**AAF**[447], **ABC**[447], **ABE**[447], **ACX**[447], **ADL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **ANP**[447], **ANV**[447], **ART**[447], **ARY**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJN**[447], **BKT**[447], **BMM**[447], **BOX**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Drymophila malura	D, M	**BBW**[94], **BER**[119], **BLQ**[96, 155, 300, 394, 417]	**AEU**[447], **ANV**[447], **ARY**[447], **BHU**[447]
Drymophila squamata	D, M	**AAV**[350], **ABM**[206], **ABR**[219], **AFH**[165], **AFM**[381], **AGG**[5], **AHS**[427], **AIN**[350, 436], **AIP**[350], **AOQ**[165], **APW**[175], **AQW**[10, 165], **AXZ**[217], **AYZ**[264], **BBS**[57, 83, 119, 126, 127, 131], **BDY**[350, 436], **BDZ**[70, 199, 280], **BEH**[83, 119, 120, 131, 135, 358], **BEI**[217], **BEN**[142], **BFG**[182, 222, 224], **BFR**[212, 217], **BGS**[165], **BGV**[217], **BHL**[206], **BIO**[165], **BIX**[217, 224], **BIY**[182], **BMT**[95], **BMW**[68], **BOQ**[350]	**AAF**[447], **AAQ**[447], **AES**[447], **AQV**[447], **ASU**[447], **BIO**[447], **BJY**[447], **BMT**[447]
Conopophaga lineata	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABE**[74, 175], **ABM**[206], **ACN**[165], **ADX**[206], **AEE**[83, 100], **AFG**[419], **AFR**[435], **AGI**[135], **AGJ**[135], **AHK**[83], **AHS**[427], **AHT**[120], **AHV**[206], **AIN**[154, 165, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[92, 130, 379, 385], **AJP**[217], **AJQ**[83, 155, 385], **AJS**[155], **AJY**[155], **AKK**[83, 121], **ALR**[165], **ANU**[420], **AOQ**[165, 305], **ARY**[83], **ASX**[175], **ASY**[65, 175, 235, 239], **AUZ**[83, 175], **AYZ**[350, 436], **BBF**[131], **BBP**[120, 343], **BBS**[57], **BBT**[104], **BBW**[94], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[358], **BER**[119], **BGM**[83], **BHL**[206], **BHN**[133, 155], **BIO**[83, 154, 157, 165, 177, 305, 438], **BJW**[175], **BLQ**[55, 83, 155, 300, 394, 417], **BLY**[155], **BMO**[436], **BOQ**[350], **BOX**[29, 86, 175, 342], **BOY**[137, 234, 236]	**AAB**[447], **AAF**[447], **AAT**[447], **AAX**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AGW**[447], **ALT**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ART**[447], **ARY**[447], **AXX**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BOX**[447]
Conopophaga melanops	D, M	**AAF**[206], **ABM**[206], **ABR**[219], **ACJ**[180], **ACL**[177], **AGG**[10], **AHS**[427], **AHV**[206], **AIN**[154, 165, 277, 344, 350], **AIP**[350], **AKQ**[116], **ANU**[420], **AOQ**[165, 305], **APX**[5, 165, 180], **AQW**[154, 165, 305], **ARX**[155], **ATW**[217], **AXZ**[217], **BBS**[126, 127, 128, 131], **BDY**[154, 186, 350, 436], **BDZ**[70, 199, 280, 375], **BEE**[70, 154], **BEH**[119, 131, 358], **BFI**[152, 153], **BGS**[165, 305], **BGV**[217], **BHL**[206], **BIO**[83, 154, 165, 305], **BIX**[217, 224], **BIY**[180], **BMW**[68], **BOQ**[350]	**AAF**[447], **AES**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447]
Grallaria varia	D, M	**ABM**[206], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **ANU**[420], **AYZ**[264], **BBP**[148, 237, 343], **BDY**[12, 96, 154, 186, 199, 350, 378, 436], **BDZ**[280], **BHL**[206], **BIO**[83, 154]	**ABE**[447], **BIO**[447]
Hylopezus nattereri	D	**BLQ**[394]	**BHU**[447]
Eleoscytalopus indigoticus	D, M	**ABM**[206], **AFG**[419], **AHS**[427], **AIN**[277, 350], **AIP**[350], **AIR**[83, 92], **AJQ**[83, 155, 385, 400], **ALR**[165, 359], **ANU**[420], **AOQ**[305, 313], **AQY**[6], **ATZ**[83], **BBP**[343], **BBW**[94], **BDY**[96, 350, 436], **BDZ**[280], **BEF**[58], **BGM**[83], **BHL**[206], **BIO**[83, 154, 165, 305, 313], **BLQ**[155, 300, 394, 395, 417]	**AAF**[447], **ACQ**[447], **AEU**[447], **ANP**[447], **ANV**[447], **ARY**[447], **BFX**[447], **BHU**[447], **BJN**[447]
Scytalopus speluncae	D	**BBP**[343], **BDY**[96], **BKY**[416]	**ABE**[447]
Scytalopus petrophilus	D, M	**AAN**[83, 119, 247, 435], **BBW**[94], **BEF**[58], **BKZ**[155], **BLO**[416], **BLQ**[55, 83, 155, 300, 397, 416, 417], **BLV**[83]	**ADR**[447], **AEU**[447], **ANP**[447], **ARY**[447], **AXX**[447], **BHU**[447]
Scytalopus iraiensis	D, M	**AAN**[83, 119, 247], **AJQ**[385, 414], **BEF**[58], **BLQ**[300, 414, 416, 417], **BMU**[83]	**AEU**[447], **ANP**[447], **ANV**[447], **ARY**[447], **AXX**[447], **BCV**[447], **BFX**[447], **BHU**[447], **BKT**[447]
Psilorhamphus guttatus	D, M	**ABS**[153], **AIN**[350], **AIP**[350], **ANU**[420], **AOQ**[165, 305, 313], **BBP**[343], **BBW**[94, 153], **BDY**[350], **BDZ**[280], **BFZ**[153, 155], **BIM**[153], **BIO**[83, 172, 305, 313], **BLQ**[153], **BOQ**[350], **BOY**[236]	**ACQ**[447], **ANP**[447], **ARY**[447], **BFX**[447], **BHU**[447], **BJN**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Formicarius colma	D, M	**ACJ**[182], **ACN**[165], **AFL**[165], **AFM**[381], **AGG**[10, 165], **APX**[5, 165, 182], **AQY**[5], **AXZ**[217], **BBS**[57, 425], **BDZ**[5, 70, 96, 199, 280, 302, 305, 375], **BEE**[355], **BFR**[212, 217], **BGS**[177]	**AQW**[447], **ASU**[447], **BMT**[447]
Chamaeza campanisona	D, M	**ABM**[206], **AHS**[427], **AHV**[206], **AIN**[96, 154, 344, 350, 436], **AOQ**[165], **ATW**[217], **BBS**[131], **BDY**[70, 96, 154, 186, 199, 350, 436], **BDZ**[280], **BGV**[217], **BHL**[206], **BHR**[154], **BIO**[154, 165], **BOX**[175]	**BIO**[447]
Chamaeza meruloides	D, M	**AAV**[350], **ABM**[206], **ABT**[153], **AHS**[427], **AHV**[206], **AIN**[96, 154, 344, 350, 436], **AIQ**[85, 119], **ALR**[165], **ANU**[420], **AOQ**[165], **BBP**[148, 237, 343], **BBW**[94, 153], **BDY**[96, 154, 186, 350, 436], **BEF**[58], **BFM**[153], **BGR**[153], **BHL**[206], **BIO**[154, 165], **BLL**[153], **BLQ**[159, 394, 417], **BOQ**[350], **BOX**[175, 338], **BOY**[234]	**AAF**[447], **ABE**[447], **AEQ**[447], **ALT**[447], **ARY**[447], **AXX**[447], **BHU**[447], **BIO**[447], **BMM**[447]
Sclerurus caudacutus	D, M	**AAU**[206], **ABM**[206], **AFL**[177], **AFM**[381], **AHV**[206], **ALP**[165], **AOP**[154], **APU**[154], **APX**[5], **AQY**[212, 319], **AYZ**[264], **BDZ**[96, 154, 199, 201, 280], **BEE**[70], **BFV**[165], **BHL**[206]	**AQW**[447], **BMT**[447]
Sclerurus scansor	D, M	**ABM**[206], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AJP**[217], **ALR**[165], **AOQ**[165], **AQY**[319], **AUZ**[175], **AXZ**[217], **BBP**[237, 343], **BBS**[57, 131], **BBW**[94], **BDE**[175], **BDY**[186, 199, 350, 436], **BDZ**[280], **BFR**[212, 217], **BHL**[206], **BIO**[154, 165], **BLQ**[55, 83, 155, 163, 394], **BOQ**[350], **BOU**[165], **BOY**[236]	**AAF**[447], **ABE**[447], **ACQ**[447], **AEU**[447], **AFQ**[447], **ANP**[447], **ANV**[447], **ARY**[447], **BHU**[447], **BIO**[447], **BJN**[447]
Dendrocincla turdina	D, M	**AAF**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ACN**[165], **AFM**[381], **AGG**[8, 165], **AHS**[427], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AJU**[116], **AKX**[155], **ALP**[165], **ALW**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **APW**[175], **APX**[5, 20, 165], **AQW**[346], **AQY**[212], **ARV**[155], **AXZ**[217], **AYZ**[350, 436], **BBF**[131], **BBS**[57, 70, 83, 120, 125, 126, 127, 128, 131, 135], **BDR**[95, 116], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[96, 199, 280, 305], **BEE**[70, 154, 355, 424], **BEG**[364], **BEH**[83, 120, 131, 135, 358], **BEN**[142], **BFR**[212, 217], **BFT**[116], **BFV**[165], **BGR**[153], **BGS**[177], **BHL**[206], **BIO**[83, 154, 165], **BLL**[153], **BMO**[436], **BMZ**[154], **BOQ**[350], **BOU**[165], **BOX**[168, 170, 217]	**AAF**[447], **AEQ**[447], **AES**[447], **AMU**[447], **AMZ**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BIU**[447], **BMT**[447]
Sittasomus griseicapillus	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ADX**[206], **AEK**[175, 339], **AFG**[419], **AFR**[435], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[165, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 92, 130, 379, 385], **AJP**[217], **AJQ**[83, 155, 385], **ANU**[420], **AOQ**[165], **APW**[175], **ASX**[86, 175], **ATZ**[83], **AUZ**[83], **AXZ**[217], **AYZ**[154, 264, 266, 350], **BBF**[131], **BBP**[165, 175, 343], **BBS**[54, 57, 83, 125, 126, 128, 131, 228, 385, 435], **BBV**[119], **BBW**[94], **BDY**[70, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[119, 131, 358], **BER**[119], **BEU**[116], **BFG**[20, 224], **BHL**[206], **BHN**[133], **BIO**[83, 154, 165], **BLL**[155], **BLQ**[55, 83, 155, 177, 300, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOU**[175], **BOX**[29, 168, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJQ**[447], **BKW**[447], **BMM**[447], **BMT**[447], **BOX**[447]
Glyphorynchus spirurus	D, M	**AGG**[165], **AKN**[165], **ALP**[165], **APX**[5], **BDZ**[70, 96, 280], **BEE**[70, 355], **BEN**[142], **BFV**[165]	**AQW**[447], **BMT**[447]
Xiphorhynchus fuscus	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABE**[44], **ABM**[206], **ABR**[219], **ACJ**[20], **ADX**[206], **AES**[44], **AFG**[419], **AFL**[177], **AFM**[381], **AGG**[165], **AGI**[135], **AGJ**[135], **AHS**[427], **AHV**[206],	**AAF**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **AMU**[447], **ANO**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AIL[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AIR**[83, 92, 130, 385], **AJP**[217], **AJQ**[83, 155, 385], **AKL**[155], **ALP**[165], **ALR**[165], **ANU**[420], **AOT**[175], **APX**[5, 20, 156], **AQY**[212], **ASU**[44], **ASX**[86, 175], **ASY**[239], **ATW**[217], **ATZ**[83], **AUZ**[83, 175], **AXZ**[217], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[57, 125, 126, 127, 128, 131, 135], **BBV**[119], **BBW**[94], **BDY**[96, 154, 186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 135, 358], **BFG**[20, 224], **BGS**[177], **BGV**[217], **BHL**[206], **BHY**[436], **BIO**[83, 154, 165, 438], **BIX**[224], **BIY**[20], **BLQ**[83, 155, 300, 394, 400, 417], **BLS**[160], **BMM**[44], **BMO**[436], **BOQ**[350], **BOU**[165], **BOX**[175], **BOY**[137, 234, 236]	**ANU**[447], **ANV**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIR**[447], **BIV**[447], **BKW**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Xiphorhynchus guttatus	D, M	**AFL**[177], **AFM**[381], **AGG**[165], **AIN**[277], **ALP**[165], **APX**[5, 20, 165], **AQW**[154], **BBS**[57], **BDZ**[96, 199, 280, 375, 376], **BEE**[70, 355], **BEN**[142], **BFV**[165]	**AQW**[447], **BMT**[447]
Campylorhamphus falcularius	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABM**[206], **ABV**[153, 155], **AEK**[175], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AKL**[153, 155], **ALR**[165], **ANU**[420], **AOQ**[116], **AQY**[212], **ARS**[91], **ASX**[175], **ASY**[175, 239, 363], **ATW**[217], **AYZ**[264, 266], **BBP**[343], **BBW**[94, 153], **BDY**[96, 154, 186, 199, 350, 378, 436], **BDZ**[199, 280], **BEF**[58], **BES**[153], **BFO**[153], **BGR**[153], **BHL**[206], **BIO**[83, 154, 165], **BLQ**[55, 83, 394], **BOQ**[350], **BOX**[86, 168, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAQ**[447], **ABE**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AGW**[447], **AMU**[447], **ANP**[447], **ANU**[447], **ART**[447], **ARY**[447], **ATU**[447], **BBY**[447], **BCH**[447], **BCT**[447], **BDW**[447], **BFX**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BKW**[447], **BOX**[447]
Dendroplex picus	D, M	**ABM**[206], **AGN**[10, 165], **AKN**[165], **ALP**[165], **APX**[5, 20], **AQW**[154, 165], **AQY**[5], **BHL**[206], **BJZ**[66]	**AQW**[447]
Lepidocolaptes angustirostris	D, M	**AJQ**[83, 155, 385], **BLQ**[394, 397, 416], **BLS**[160], **BOY**[137, 138, 139]	**ACQ**[447], **ACX**[447], **ADR**[447], **AFK**[447], **ANP**[447], **BCV**[447], **BFK**[447], **BHT**[447], **BII**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJW**[447], **BKT**[447], **BKV**[447], **BOX**[447]
Lepidocolaptes squamatus	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ACJ**[20], **AHS**[427], **AHV**[206], **AIN**[344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92], **AJU**[116], **AKQ**[116], **ANU**[420], **AOQ**[165], **ARY**[212], **ASX**[175], **ASY**[239], **AUZ**[175], **AYZ**[154, 436], **BBP**[343], **BBS**[96, 126, 131, 435], **BBW**[94], **BDE**[175], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[96, 199], **BEH**[119, 131, 358], **BEN**[142], **BEY**[116], **BFR**[212, 217], **BFT**[116], **BGV**[217], **BHL**[206], **BIO**[83, 154, 165], **BJZ**[66], **BLQ**[55, 83, 300, 394], **BNT**[385], **BOQ**[350], **BOX**[29, 86, 165, 168, 170, 175, 217], **BOY**[137, 138, 139, 234, 236]	**AAB**[447], **AAF**[447], **AAQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BEM**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJR**[447], **BJU**[447], **BKT**[447], **BKX**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Dendrocolaptes platyrostris	D, M	**AAF**[206], **ABR**[219], **ACJ**[20], **AEE**[83], **AFM**[381], **AGG**[165], **AHS**[427], **AHT**[175], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[74, 119], **AIR**[92, 130], **AJP**[217], **AJU**[116], **AKQ**[116], **ALP**[165], **AOQ**[165], **APX**[5, 20, 156, 165], **AQY**[212], **ATW**[116], **AXZ**[217], **AYZ**[264], **BBP**[383], **BBS**[54, 57, 126, 131, 435], **BDR**[71, 95, 116], **BDY**[186, 199, 350, 436], **BDZ**[96, 199, 280], **BEG**[364], **BEH**[131, 358], **BEU**[116], **BEV**[165], **BFT**[116], **BFV**[165], **BGS**[165, 177], **BGV**[217], **BHL**[206], **BIO**[83, 154, 165, 438], **BLQ**[55, 83, 155, 300, 394], **BNT**[385], **BOQ**[350], **BOX**[175]	**AAF**[447], **AEQ**[447], **AEU**[447], **AMS**[447], **ANU**[447], **AQW**[447], **ART**[447], **ARY**[447], **AZZ**[447], **BIO**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Xiphocolaptes albicollis	D, M	**AAF**[206], **AAV**[350], **ABK**[155], **ABM**[206], **ACN**[165], **ADJ**[154], **AFL**[177], **AFM**[381], **AGG**[5, 9, 10, 165, 305], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AJN**[165], **AJP**[217], **AKQ**[116], **ALP**[165], **ANU**[420], **AOP**[154], **AOX**[154], **APV**[154], **APX**[5, 20, 156], **APY**[154], **AQW**[154], **ASX**[86, 175], **ATV**[155], **ATW**[116], **AXZ**[217], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[126, 131], **BBW**[94], **BDR**[95, 116], **BDY**[12, 96, 186, 199, 350, 436], **BDZ**[96, 280], **BEF**[58], **BEH**[131, 358], **BEY**[116], **BFG**[20, 224], **BFR**[165, 212, 217], **BFV**[165], **BGS**[177], **BHL**[206], **BIO**[83, 154, 165], **BIX**[224], **BIY**[20], **BJZ**[66], **BLQ**[83, 300, 395], **BMO**[436], **BOQ**[350], **BOX**[168], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **ABE**[447], **AEU**[447], **AFQ**[447], **AHK**[447], **AMS**[447], **ANP**[447], **ANU**[447], **AQW**[447], **ART**[447], **ARY**[447], **ATU**[447], **AXX**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BMT**[447], **BOX**[447]
Xenops minutus	D, M	**AAV**[350], **ABM**[206], **ACJ**[20, 165], **AHS**[427], **AHV**[206], **AIN**[96, 277, 344, 350, 436], **AIP**[350], **AKN**[165], **ALP**[165], **APX**[5, 20, 165], **AQY**[212], **AXZ**[217], **AYZ**[264, 266], **BBS**[96, 119, 126, 127, 128, 131], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEE**[70, 154], **BEN**[142], **BER**[119], **BGV**[217], **BHL**[206], **BIO**[83, 154, 165], **BOQ**[350]	**AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447], **BNO**[447]
Xenops rutilans	D, M	**AAF**[206], **AAN**[247], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ADI**[154], **ADJ**[154], **AFG**[419], **AFR**[435], **AGM**[154], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[92, 130, 385], **AJP**[217], **AJQ**[385], **AJU**[116], **AKN**[165], **ALP**[165], **ALR**[165], **ANU**[420], **APW**[175], **APX**[5, 20], **AQW**[346], **ASX**[86, 175], **ASY**[239], **AXZ**[217], **AYZ**[154, 350, 436], **BBP**[343, 383], **BBS**[13, 54, 57, 83, 119, 126, 131, 228, 385, 435], **BBV**[119], **BBW**[94], **BDO**[436], **BDY**[186, 198, 199, 350, 436], **BDZ**[70, 96, 199, 280], **BEF**[58], **BEH**[131, 358], **BEN**[142], **BER**[119], **BEU**[116], **BFG**[20], **BGU**[119], **BGV**[217], **BHL**[206], **BHN**[133], **BIO**[83], **BLQ**[55, 83, 300, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BNW**[175], **BOQ**[350], **BOX**[175], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AXX**[447], **BBF**[447], **BCT**[447], **BCU**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BJY**[447], **BKS**[447], **BKT**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Cinclodes espinhacensis	D, M	**AAN**[101, 103, 247], **ADD**[101, 103], **BLU**[83, 103, 165]	**AXX**[447]
Furnarius figulus	D, M	**AAF**[206], **AAS**[340], **AAU**[206], **ABG**[385], **ABM**[206], **AFJ**[119], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[92], **AJQ**[83, 385, 395], **ANU**[420], **AQW**[154, 346], **ATY**[155], **AYZ**[350, 436], **BBP**[148, 343], **BBS**[54, 57, 83, 131], **BBY**[175], **BDY**[186, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEJ**[67], **BER**[119], **BGS**[177], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[323], **BJS**[96], **BJZ**[66], **BLQ**[14, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **AAZ**[447], **ABB**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADY**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **AHL**[447], **AHM**[447], **AHQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANP**[447], **ANS**[447], **ANV**[447], **ANW**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BIQ[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BJW**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Furnarius leucopus	D	**BEH**[358]	**ALZ**[447], **AMQ**[447], **ANZ**[447]
Furnarius rufus	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ACC**[154], **ADJ**[154], **ADK**[154], **AEK**[173], **AFG**[419], **AFJ**[119], **AFR**[435], **AGK**[177], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[22, 92, 130], **AJP**[217], **AJQ**[83, 155, 385, 400], **ALL**[165], **ALM**[175], **ALR**[165], **ANU**[420], **AOP**[154], **APQ**[154], **APS**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **ATW**[116], **AXZ**[217], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 119, 126, 131, 435], **BBT**[104], **BBV**[119], **BDR**[71, 95, 116, 165], **BDX**[165], **BDY**[186, 199, 436], **BDZ**[199, 280], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BGV**[217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 156, 165, 177, 323], **BIY**[20], **BJZ**[66], **BLQ**[55, 83, 300, 301, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOX**[29, 86, 168, 175], **BOY**[234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAT**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **ADX**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AHJ**[447], **AHM**[447], **AHP**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBC**[447], **BBM**[447], **BCG**[447], **BCI**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BJW**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Lochmias nematura	D, M	**AAF**[206], **AAN**[247], **ABC**[131], **ABL**[136], **ABM**[206], **AEK**[339], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[92, 130, 385], **AJP**[217], **ALM**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **ASY**[239], **AVV**[155], **AYZ**[350], **BBF**[131], **BBP**[343], **BBS**[57, 131], **BBV**[119], **BBW**[94], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[119, 131, 358], **BER**[119], **BGM**[83], **BHL**[206], **BHN**[133], **BIO**[83, 96, 154, 165], **BLQ**[55, 83, 300, 394, 397, 405, 416, 417], **BLS**[160], **BLY**[155], **BMO**[436], **BNT**[385], **BOQ**[350], **BOX**[86, 168], **BOY**[234], **BPR**[385]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ADL**[447], **ADX**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AHM**[447], **ANP**[447], **ANV**[447], **AQS**[447], **ART**[447], **ARY**[447], **ATU**[447], **BCV**[447], **BDG**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Clibanornis rectirostris	D	**AHM**[385], **BNT**[385], **BPR**[385]	**ACX**[447], **AEQ**[447], **ALT**[447], **ALZ**[447], **AXX**[447], **BHT**[447], **BHW**[447]
Automolus leucophthalmus	D, M	**AAF**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ACJ**[20], **ACN**[165], **AEK**[339], **AFG**[419], **AFM**[381], **AGG**[10, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[83, 92, 130, 385], **AJQ**[83, 155, 385, 400], **AJY**[155], **AKQ**[116], **ALM**[165], **ALP**[165], **ANU**[420], **APX**[5, 156], **AQY**[212], **ASY**[65, 239], **ATZ**[83], **AXZ**[217], **BBF**[131], **BBP**[343], **BBS**[70, 83, 96, 119, 120, 126, 127, 128, 131, 435], **BBW**[94], **BDR**[116], **BDY**[70, 96, 186, 199, 350, 378, 436, 439], **BDZ**[5, 70, 199, 280, 305, 439], **BEE**[70, 439],	**AAF**[447], **AAZ**[447], **ABC**[447], **ACQ**[447], **AEV**[447], **AGW**[447], **ALT**[447], **ANP**[447], **ANV**[447], **AQS**[447], **AQW**[447], **ARY**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BKV**[447], **BNO**[447], **BOX**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BEF[58], **BEH**[83, 131, 358], **BEN**[142], **BEY**[116], **BFG**[20, 224], **BGS**[165, 177], **BHL**[206], **BHN**[133], **BIO**[83, 154, 165, 439], **BIX**[224], **BIY**[20], **BLQ**[83, 155, 394, 400, 417, 439], **BLS**[160], **BNT**[385], **BOQ**[350], **BOU**[165], **BOX**[86, 165, 175], **BOY**[137, 234, 236]	
Anabazenops fuscus	D, M	**AAV**[350], **ABC**[131], **ABM**[206], **AGI**[135], **AGJ**[135], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AKL**[153, 155], **ANU**[420], **AOQ**[165], **ARY**[39, 212], **ASX**[86], **ASY**[239], **AUZ**[83, 153, 155], **BBF**[131], **BBP**[343], **BDY**[70, 96, 186, 199, 350, 378, 436], **BEH**[119, 358], **BES**[152], **BHL**[206], **BIO**[83, 154, 165], **BLQ**[55, 83], **BLR**[153], **BMO**[436], **BOQ**[350], **BOX**[168, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAR**[447], **ABC**[447], **ABE**[447], **AEQ**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **ANP**[447], **ANV**[447], **ART**[447], **ARY**[447], **ATU**[447], **BCH**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BIO**[447], **BIU**[447], **BKT**[447], **BOX**[447]
Anabacerthia lichtensteini	D, M	**AAV**[350], **ABM**[206], **ACJ**[20], **AEO**[115], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AJP**[217], **ALR**[165], **ARY**[212], **BBS**[435], **BDR**[116], **BDY**[186, 199, 350, 436], **BDZ**[280], **BFR**[212, 217], **BGV**[217], **BHL**[206], **BIO**[83, 154, 165, 438], **BOQ**[350], **BOX**[175]	**AAF**[447], **ANU**[447], **ARY**[447], **BIO**[447]
Philydor atricapillus	D, M	**AAV**[350], **ACJ**[20], **ACN**[165], **AFL**[177], **AFM**[381], **AGK**[156], **AHS**[427], **AIN**[165, 277, 344, 350, 436], **AIP**[350], **ALM**[165], **ALP**[165], **APW**[175], **APX**[5, 20, 156], **AQW**[165], **AQY**[212], **AXZ**[217], **AYZ**[264, 266], **BBP**[343], **BBS**[57, 131], **BDY**[96, 154, 186, 199, 281, 350, 436], **BDZ**[199, 280], **BEN**[142], **BGM**[83], **BGS**[165, 177], **BHL**[206], **BIO**[83, 154, 165], **BOQ**[350], **BOX**[86]	**AQW**[447], **BIO**[447], **BMT**[447]
Philydor rufum	D, M	**AAV**[350], **ABC**[131], **AFG**[419], **AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **AIR**[92, 130], **AJQ**[83, 155, 385], **ALR**[165], **ATZ**[83], **AWY**[155], **AYZ**[264, 266, 281, 350], **BBF**[131], **BBP**[120, 343, 383], **BBW**[94], **BDR**[165], **BDY**[70, 96, 186, 198, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[131, 358], **BEY**[116], **BGS**[177], **BHL**[206], **BHN**[133], **BIO**[154, 165], **BJW**[175], **BLQ**[83, 300, 394, 417], **BOQ**[350], **BOU**[165], **BOX**[175], **BOY**[137, 234, 236]	**AAF**[447], **AAQ**[447], **ABE**[447], **ACQ**[447], **AEU**[447], **AEV**[447], **ANV**[447], **ART**[447], **ARY**[447], **BCV**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKT**[447]
Heliobletus contaminatus	D	**BBP**[383], **BDZ**[280]	**ABE**[447]
Syndactyla rufosuperciliata	D, M	**AFG**[419], **AIN**[277], **AIQ**[85], **AIR**[92, 130, 379], **AJQ**[83, 385, 400], **ALR**[165], **ANU**[420], **AOQ**[165, 193], **BBP**[343], **BBW**[94], **BDY**[199], **BDZ**[280], **BEF**[58], **BLQ**[83, 155, 177, 300, 394], **BOX**[175]	**AAQ**[447], **ABE**[447], **ADL**[447], **AEU**[447], **ANV**[447], **ART**[447], **ARY**[447], **BHU**[447]
Cichlocolaptes leucophrus	D, M	**ACJ**[20], **AGG**[165], **AHS**[427], **AIN**[154, 344, 350, 436], **AIP**[350], **APX**[156], **BDY**[186, 199, 350, 436], **BDZ**[70, 96, 199, 280], **BEE**[96], **BGS**[177], **BIO**[83, 154, 165], **BOQ**[350]	**BIO**[447], **BMT**[447]
Phacellodomus rufifrons	D, M	**AAF**[206], **AAN**[435], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ACG**[154], **AFG**[419], **AFR**[435], **AGL**[116], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[344, 436], **AIQ**[119], **AIR**[22, 92, 130], **AJP**[217], **AJQ**[83, 155, 385, 400], **AKQ**[116], **ANU**[420], **ARY**[83], **AXZ**[217], **BBF**[131], **BBP**[175, 343], **BBS**[13, 54, 57, 70, 83, 126, 131, 187, 228, 435], **BBV**[119], **BDO**[436], **BDR**[116], **BDY**[436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[323], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BNT**[385], **BOP**[436], **BOV**[154], **BOX**[29, 86], **BOY**[137, 234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGO**[447], **AGW**[447], **AHJ**[447], **AHL**[447], **AHP**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMW**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			AOT[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBI**[447], **BCG**[447], **BCI**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BET**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Phacellodomus erythrophthalmus	D, M	**AAS**[340], **AAU**[206], **ABM**[206], **AFG**[419], **AHM**[385], **AHV**[206], **AIR**[130], **AIW**[155], **AJQ**[83, 385], **ARY**[333], **AUZ**[83], **AVV**[155], **AXZ**[217], **BBF**[131], **BBS**[352], **BBW**[94], **BDD**[352], **BDZ**[280], **BEF**[58], **BER**[119], **BFM**[175], **BHL**[206], **BHN**[133], **BHU**[333], **BLL**[155], **BLQ**[300, 352, 400, 417], **BOX**[86, 165, 175]	**AAE**[447], **AAZ**[447], **ABC**[447], **ADM**[447], **AEU**[447], **ALT**[447], **ANP**[447], **ARY**[447], **BBF**[447], **BBM**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BJR**[447], **BKX**[447]
Phacellodomus ferrugineigula	D, M	**AAS**[340], **ASY**[352], **BDD**[352], **BLQ**[300, 394], **BOX**[293, 332, 334, 352]	**ACQ**[447], **AEU**[447], **AFQ**[447], **AMS**[447], **ANP**[447], **ANV**[447], **ART**[447], **BCV**[447], **BFX**[447], **BIR**[447], **BKT**[447], **BOX**[447]
Anumbius annumbi	D, M	**AAB**[86], **AAN**[247], **AFJ**[119], **AHM**[385], **BBP**[148, 343], **BBS**[131], **BBY**[175], **BDN**[83], **BER**[119], **BKY**[416], **BLQ**[55, 400], **BLS**[160], **BOX**[86]	**ABE**[447], **ADV**[447], **AEQ**[447], **AEU**[447], **AHM**[447], **AMS**[447], **ANP**[447], **ANS**[447], **ANV**[447], **ARS**[447], **ART**[447], **BCV**[447], **BFX**[447], **BHU**[447], **BIR**[447], **BKT**[447], **BOX**[447]
Certhiaxis cinnamomeus	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ACN**[165], **AGG**[10], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[92, 130], **AJP**[217], **AJQ**[83, 385], **AKN**[165], **ALP**[165], **ALR**[165], **AMY**[154], **ANU**[420], **APR**[154], **APX**[5, 20, 165], **APY**[154], **AQW**[346], **AXZ**[217], **BBP**[343], **BBS**[54, 57, 119, 126, 131, 435], **BDD**[165], **BDR**[95, 116], **BDZ**[199, 280], **BEG**[364], **BEJ**[67], **BER**[119], **BFR**[212, 217], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154, 156, 165, 177], **BIY**[20], **BJW**[175], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BNU**[175], **BNW**[175], **BOX**[86, 168, 175], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGO**[447], **AGW**[447], **AIJ**[447], **AMM**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **ATT**[447], **AZZ**[447], **BBF**[447], **BBY**[447], **BCV**[447], **BDG**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJN**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Synallaxis ruficapilla	D, M	**AAF**[206], **AAN**[435], **AAU**[206], **AAV**[350], **ABM**[206], **ACN**[165], **ADG**[155], **ADX**[206], **AEE**[100], **AEK**[339], **AFG**[419], **AFH**[175], **AHM**[385], **AHS**[427], **AHV**[206], **AII**[38], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[83, 92, 130, 379], **AJP**[217], **AJQ**[83, 155, 385], **AKR**[155], **ALQ**[165], **ALR**[165], **ANU**[420], **AOQ**[165], **ARY**[83, 212], **ASX**[342], **ASY**[239], **ATZ**[83], **AUZ**[83, 175], **AYZ**[264, 266], **BBP**[120, 343], **BBS**[57, 131], **BBW**[94], **BDE**[175], **BDV**[342], **BDY**[96, 186, 199, 350, 436],	**AAB**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACX**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANX**[447], **ART**[447], **ARY**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKT**[447], **BKW**[447], **BOX**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BDZ[280], **BEF**[58], **BEH**[119, 131, 358], **BER**[119], **BHL**[206], **BHN**[133], **BIO**[70, 83, 154, 165, 438], **BLQ**[55, 83, 300, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOU**[175], **BOX**[168, 170, 175, 217, 320, 342], **BOY**[137, 234, 236], **BPR**[385]	
Synallaxis cinerascens	D, M	**ABX**[403], **ADG**[155], **AFG**[419], **AFR**[435], **AFZ**[83], **AII**[38], **AIQ**[85, 119], **AIR**[92, 379], **AJP**[403], **AJQ**[83, 155, 385, 395], **ALQ**[175], **ARY**[39, 83], **ASX**[29, 86], **ASY**[239, 335], **BBP**[343], **BBW**[94], **BDD**[165], **BDV**[335], **BDZ**[280, 305], **BIN**[155], **BJW**[175], **BLQ**[155, 300, 394, 417], **BNT**[385], **BOX**[168, 175], **BOY**[137, 234, 236]	**AAQ**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **ANP**[447], **ANV**[447], **ART**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIR**[447], **BJK**[447], **BJN**[447], **BKT**[447], **BMM**[447], **BOX**[447]
Synallaxis frontalis	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **AAW**[154], **ABG**[385], **ABM**[206], **AFG**[419], **AFJ**[119], **AHM**[385], **AHV**[206], **AII**[38], **AIL**[154, 436], **AIN**[277], **AIR**[22, 92, 385], **AYZ**[264, 266, 350], **BDO**[436], **BEG**[364], **BEH**[119], **BER**[119], **BGU**[119], **BHL**[206], **BHY**[436], **BKM**[83], **BLQ**[129, 394], **BLS**[160], **BNT**[385], **BOV**[154], **BOX**[217], **BPR**[385]	**AAF**[447], **AAH**[447], **AAI**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGW**[447], **AGY**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDR**[447], **BEI**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKW**[447], **BMS**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Synallaxis albescens	D, M	**AAN**[247], **ABC**[131], **AFR**[435], **AHM**[385], **AIR**[92, 130], **AJQ**[385], **AYZ**[264], **BBP**[343], **BDZ**[199], **BEH**[358], **BHN**[133], **BJS**[96], **BLQ**[394], **BLS**[160], **BNT**[385], **BOV**[154]	**AAF**[447], **ABC**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AZZ**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHV**[447], **BIR**[447], **BJM**[447], **BJQ**[447], **BKT**[447], **BMS**[447], **BOX**[447], **BPR**[447]
Synallaxis spixi	D, M	**AAD**[175], **AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ADO**[20, 224], **ADX**[206], **AEK**[173, 431], **AFG**[419], **AFJ**[119], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AII**[38], **AIN**[83, 344, 436], **AIQ**[85, 119], **AIR**[22, 92, 130, 385], **AJP**[217], **AJQ**[83, 155, 385], **ALQ**[165], **ALR**[165], **ANU**[420], **ARY**[212], **ATV**[155], **AXZ**[217], **AYZ**[350, 436], **BBF**[131], **BBP**[175, 343], **BBS**[54, 57, 126, 131, 435], **BBV**[119], **BBW**[94], **BDR**[116], **BDY**[70, 96, 186, 199, 436], **BDZ**[199, 280], **BEF**[58], **BEH**[119, 131, 358], **BEN**[142], **BER**[119], **BGM**[83], **BHL**[206], **BHN**[133], **BIO**[83, 96, 154, 156, 165, 177], **BJW**[175], **BJZ**[66], **BLM**[175], **BLQ**[55, 83, 155, 177, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMU**[83], **BOQ**[83, 350], **BOT**[212, 217], **BOX**[29, 86, 165, 168, 170, 175], **BOY**[234], **BPR**[385]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **AGY**[447], **AHM**[447], **AMP**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BKT**[447], **BKX**[447], **BNO**[447], **BOX**[447]
Asthenes luizae	D, M	**AAN**[83, 119, 247], **BBR**[83, 398], **BBV**[75, 119], **BLP**[83], **BLS**[26, 160], **BLU**[26], **BLV**[83]	**ANP**[447]
Asthenes moreirae	D, M	**BLQ**[83, 155, 159, 177, 394, 413, 416, 417]	**AEU**[447]
Cranioleuca pallida	D, M	**AAF**[206], **AAN**[435], **AAU**[206], **AAV**[350], **ABM**[206], **ACN**[165], **ADX**[206], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[130], **AJQ**[385], **ANU**[420], **AOQ**[165],	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **AEQ**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **ANO**[447], **ANP**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		ARY[212], **AYZ**[350, 436], **BBP**[175, 237, 343], **BDY**[70, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BER**[119], **BHL**[206], **BIO**[83, 154, 165], **BLQ**[83, 155, 300, 301, 394, 416, 417], **BMO**[436], **BOQ**[350], **BOX**[86], **BOY**[236], **BPR**[385]	**ANU**[447], **ANV**[447], **ANW**[447], **AQR**[447], **ARS**[447], **ART**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKQ**[447], **BKV**[447], **BNQ**[447]
Thripophaga macroura	D, M	**ACN**[73, 165], **AFL**[73, 177], **AIN**[277], **ALP**[73, 165], **AOQ**[73, 165], **APX**[5, 20, 73, 156], **APY**[154], **AQY**[73, 116, 212], **AYZ**[264], **BDZ**[11, 70, 73, 96, 199, 280, 433], **BGS**[73, 177]	**ANU**[447], **BJM**[447], **BMT**[447], **BPP**[447]
Neopelma pallescens	D, M	**AFG**[419], **AIR**[83, 92, 130], **BBW**[94], **BEF**[58], **BEH**[358]	**ANP**[447], **ARY**[447], **AXX**[447], **BHU**[447], **BJN**[447]
Neopelma chrysolophum	D, M	**AIR**[385, 412], **BBP**[237], **BBW**[94, 153, 155], **BLQ**[83, 94, 155, 300, 301, 394, 417, 434]	**AEU**[447], **AGW**[447], **ANV**[447], **ARY**[447], **BHU**[447]
Neopelma aurifrons	D, M	**AAV**[350], **ABM**[206], **ACJ**[20], **ACN**[165], **AFH**[165], **AFM**[381], **AHS**[427], **AIN**[154, 344, 350, 436], **AIP**[154, 350], **AJP**[213, 217], **AKQ**[116], **ATW**[213, 217], **AXZ**[95, 213, 217], **BBS**[70, 126, 127, 128, 131, 165, 406], **BDY**[70, 96, 154, 186, 199, 350, 378, 434, 436], **BDZ**[33, 280], **BGV**[213, 217], **BHI**[154], **BHL**[206], **BIO**[156, 165], **BOQ**[350]	**ASU**[447], **BIO**[447]
Ceratopipra rubrocapilla	D, M	**ADJ**[154], **AFM**[381], **AGG**[5, 10, 165], **AGM**[154], **AGN**[10, 165], **AIN**[277], **AKN**[165], **ALP**[165], **ALW**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APS**[154], **APV**[154], **APX**[5, 20, 154], **AQW**[154, 165], **AQY**[5, 213, 311], **AYZ**[264], **BDZ**[70, 96, 199, 280], **BEE**[70], **BEJ**[67], **BEN**[142], **BFV**[165], **BIO**[154], **BJZ**[66]	**AQW**[447], **BMT**[447]
Manacus manacus	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABD**[154], **ABM**[206], **ABQ**[155], **ACJ**[20], **ACN**[165], **ADJ**[154], **AEU**[155], **AEW**[155], **AFG**[419], **AFR**[435], **AGI**[135], **AGJ**[135], **AGN**[10], **AHS**[427], **AHU**[120], **AHV**[206], **AIL**[436], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[119, 120], **AIR**[83, 92, 130, 379, 385], **AJP**[213, 217], **AJQ**[155, 385], **AKL**[155], **AKN**[165], **AKQ**[116], **ALM**[175], **ALP**[165], **ALR**[165], **AMR**[154], **ANR**[154], **ANU**[420], **APS**[154], **APX**[5, 20], **AQW**[346], **AQY**[5, 311], **ARV**[155], **ARY**[83, 213], **ASX**[86], **ASY**[87], **ATW**[116, 213, 217], **ATZ**[83], **AUZ**[83, 175], **AXZ**[213, 217], **AYY**[175], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[54, 57, 83, 96, 124, 126, 128, 131, 135, 435], **BBW**[94], **BCG**[83], **BDJ**[155], **BDO**[436], **BDR**[116], **BDY**[154, 186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[83, 96, 119, 120, 131, 135, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[20, 224], **BFR**[175, 213, 217], **BGL**[213, 217], **BGM**[83], **BGU**[119], **BGV**[213], **BHI**[154], **BHL**[206], **BHN**[133, 155], **BHY**[436], **BIN**[155], **BIO**[83, 154, 165, 438], **BIX**[224], **BIY**[20], **BJZ**[66], **BKR**[86], **BLQ**[55, 83, 155, 301, 394, 417], **BMO**[436], **BMW**[68], **BNT**[385], **BNU**[175], **BNV**[213], **BOQ**[350], **BOX**[168, 175], **BOY**[137, 234, 236]	**AAB**[447], **AAE**[447], **AAF**[447], **AAZ**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHM**[447], **AHP**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANX**[447], **AOR**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BCT**[447], **BCU**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKP**[447], **BKQ**[447], **BKT**[447], **BKX**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Dixiphia pipra	D, M	**ABM**[206], **AFL**[177, 213], **AGG**[165], **AIN**[277], **ALP**[165], **AOP**[154], **AOZ**[154], **APS**[154], **APV**[154], **AQY**[311], **BDX**[165], **BDZ**[199, 280, 375], **BEE**[96, 355], **BEJ**[67], **BEN**[142], **BFV**[165], **BGS**[165], **BHL**[206]	**AQW**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Ilicura militaris	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ACG**[154], **ACN**[165], **ADX**[206], **AEE**[83], **AFG**[419], **AFQ**[187], **AFR**[435], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[20, 427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[83, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJY**[155], **AKW**[155], **ALQ**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **ARV**[155], **ASY**[87], **ATZ**[83], **AUY**[155], **AUZ**[175], **AYZ**[264, 266, 436], **BBF**[131], **BBP**[165, 175, 343, 383], **BBS**[57, 131], **BBV**[119], **BBW**[94], **BDY**[96, 154, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[28], **BGM**[83], **BHL**[206], **BHN**[133, 366], **BIO**[83, 154, 165, 438], **BJT**[36], **BJZ**[66], **BLP**[83], **BLQ**[55, 83, 155, 300, 301, 394, 417], **BLS**[160], **BLY**[155], **BMO**[436], **BOQ**[350], **BOX**[86, 175], **BOY**[234, 236], **BPR**[385]	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **AEQ**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BOX**[447]
Chiroxiphia caudata	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABL**[223], **ABM**[206], **ACJ**[165], **ACN**[165], **ADX**[206], **AEE**[83], **AEK**[175, 431], **AFG**[419], **AFJ**[119], **AFR**[435], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[165, 277, 344, 350, 436], **AIP**[350], **AIQ**[74, 85, 119, 120], **AIR**[22, 83, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJY**[155], **ALM**[175], **ALR**[165], **ANU**[420], **AOQ**[165], **ARY**[83], **ASX**[86, 175], **ASY**[47, 65, 87, 175, 235], **ATW**[213, 217], **AUZ**[175], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350], **BBF**[131], **BBO**[223], **BBP**[343], **BBV**[119], **BBW**[94], **BDE**[175], **BDU**[175], **BDY**[70, 96, 154, 165, 186, 199, 350, 378, 436], **BDZ**[280], **BEF**[58], **BER**[119], **BGM**[83], **BHL**[206], **BHN**[133, 366], **BIO**[70, 83, 154, 156, 165, 177, 213, 438], **BIX**[224], **BIY**[20], **BJW**[175], **BJZ**[66], **BLQ**[55, 83, 96, 155, 300, 301, 394, 417], **BLS**[160], **BMO**[436], **BOO**[155], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 168, 175], **BOY**[137, 234, 236], **BOZ**[154]	**AAF**[447], **AAQ**[447], **AAR**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AFU**[447], **AGW**[447], **ALT**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ARS**[447], **ART**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BEI**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BOX**[447]
Antilophia galeata	D	**AAN**[247]	**AFQ**[447], **ANS**[447]
Oxyruncus cristatus	D, M	**AAV**[83, 350], **ABM**[206], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **ANU**[420], **AOQ**[165, 305], **ARY**[213], **AYZ**[264, 266], **BBP**[237, 383], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[280], **BHL**[206], **BIO**[83, 154, 165, 305], **BLQ**[417], **BMO**[436], **BOQ**[350]	**AAF**[447], **ABE**[447], **BIO**[447], **BMM**[447], **BMT**[447]
Myiobius barbatus	D, M	**AAV**[350], **ABM**[206], **AHS**[427], **AIN**[154, 344, 350, 436], **AIP**[350], **AJQ**[155, 385], **APX**[5, 20], **ATW**[213, 217], **AXZ**[213, 217], **AYZ**[264, 266, 350], **BDY**[154, 186, 199, 350, 436], **BDZ**[70, 199, 280], **BEH**[83, 131], **BEN**[142], **BFG**[20], **BGS**[157, 177, 213], **BHL**[206], **BIO**[154], **BMO**[436], **BOQ**[350]	**ACQ**[447], **AQW**[447], **BIO**[447], **BKX**[447], **BMT**[447]
Myiobius atricaudus	D, M	**AAV**[350], **AAW**[154], **ABC**[131], **ABM**[206], **ABW**[155], **ADG**[83], **AFG**[419], **AFQ**[187], **AFR**[435], **AGP**[155], **AHK**[83], **AHS**[427], **AIN**[83, 277, 344, 350, 436], **AIP**[154, 350], **AIR**[83, 119, 130], **AJP**[213, 217], **AJQ**[83, 385], **AKL**[155], **ARV**[155], **ARY**[176], **AUZ**[83], **BBP**[343], **BBS**[57, 131], **BBW**[94], **BDY**[70, 154, 186, 350, 436], **BDZ**[280], **BEF**[58], **BGM**[83], **BHL**[206], **BIO**[83, 154, 438], **BLQ**[83, 155, 300], **BMO**[436], **BOQ**[350], **BOX**[175], **BOY**[236]	**AAF**[447], **ABE**[447], **AEU**[447], **ANP**[447], **ANV**[447], **ARY**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BMM**[447]
Schiffornis virescens	D, M	**AAV**[350], **ABC**[131], **ABK**[155], **ABM**[206], **AFG**[419], **AFL**[177], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[154, 350], **AIQ**[85], **AIR**[83, 92, 130, 385], **AJP**[213], **AJQ**[155, 385], **ALR**[165], **ANU**[420], **ARV**[155], **ARY**[83], **ATZ**[83], **AUY**[155], **AUZ**[83], **AWZ**[363], **AXZ**[217],	**AAF**[447], **ABC**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **ANV**[447], **ARY**[447], **AXX**[447], **BCV**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BOX**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AYZ[436], **BBF**[131], **BBP**[343], **BBW**[94], **BDY**[70, 186, 199, 350, 436], **BEF**[58], **BGM**[83], **BHL**[206], **BIO**[83, 154, 165], **BJT**[36], **BLQ**[83, 155, 300, 394, 400, 417], **BMO**[436], **BOO**[155], **BOQ**[350], **BOY**[234, 236]	
Schiffornis turdina	D, M	**ACN**[165], **AFL**[213], **ALW**[154], **AOX**[154], **APX**[5, 20, 165], **AQW**[154, 165, 346], **AXZ**[213, 217], **BBS**[57, 83, 126, 127, 128, 131], **BDR**[95], **BDZ**[96, 199, 280], **BEE**[70, 96, 355], **BEN**[142], **BGS**[165, 177, 213], **BIO**[438], **BIY**[20], **BMW**[68]	**AQW**[447], **ASU**[447], **BMT**[447]
Laniocera hypopyrra	D, M	**APX**[5], **BDZ**[201, 280]	**AQW**[447], **BMT**[447]
Laniisoma elegans	D, M	**AHS**[427], **AIN**[277, 344, 350], **AIP**[350], **AYZ**[264], **BDY**[73, 97, 99, 199, 350, 433], **BDZ**[99, 280], **BEH**[73, 99, 131, 358, 433], **BIO**[154], **BLQ**[73, 99, 158, 159, 394, 433]	**BOX**[447]
Iodopleura pipra	D	**AIN**[436], **AOQ**[45, 73], **BDY**[186], **BDZ**[280]	**ASU**[447], **BIO**[447]
Tityra inquisitor	D, M	**AAF**[206], **ABM**[206], **ADI**[154], **AGK**[177, 213], **AGM**[154], **AGN**[165], **AHV**[206], **AIN**[277, 436], **AKQ**[116], **AOP**[154], **APV**[154], **AQY**[6, 213], **BBS**[13, 83, 126], **BDY**[186, 436], **BDZ**[70, 199, 280], **BEE**[424], **BEN**[142], **BFT**[116], **BGS**[156, 177, 213], **BHL**[206], **BIO**[154]	**AAF**[447], **AES**[447], **AQW**[447], **ASU**[447], **BEM**[447], **BIO**[447], **BJM**[447], **BMT**[447]
Tityra cayana	D, M	**ADJ**[154], **ADK**[154], **AGG**[5], **AGK**[177, 213], **AGM**[154], **AGN**[10], **AHS**[427], **AIN**[350, 436], **AIP**[350], **AIQ**[85], **AJP**[213, 217], **AMR**[154], **AOP**[154], **AOX**[154], **APR**[154], **APV**[154], **APX**[20, 154], **APY**[154], **AQW**[154], **AQY**[6], **ATW**[217], **AXZ**[213, 217], **AYZ**[264, 266], **BBS**[54, 57, 131, 175, 228, 435], **BDY**[186, 199, 350, 436], **BDZ**[96, 199, 280], **BEE**[424], **BEH**[131, 358], **BEN**[142], **BFV**[165], **BGS**[177, 213], **BGV**[213, 217], **BIO**[83, 154], **BLQ**[55, 83, 394], **BOQ**[350]	**ANU**[447], **AQW**[447], **ARY**[447], **ASU**[447], **BIO**[447], **BJM**[447], **BMT**[447]
Pachyramphus viridis	D, M	**AAF**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIR**[130], **AJP**[213, 217], **AJQ**[83, 155, 385, 400], **AKN**[165], **AKQ**[116], **AQY**[213], **ATY**[155], **AXZ**[213, 217], **AYZ**[154, 350, 436], **BBP**[343], **BBS**[13, 54, 57, 131], **BBW**[94], **BCD**[121], **BDR**[95], **BDY**[96, 186, 199, 350, 436], **BDZ**[96, 199, 280], **BEF**[58], **BEH**[131, 358], **BEN**[142], **BER**[119], **BFT**[116], **BGM**[83], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BIO**[154], **BLQ**[417], **BMO**[436], **BNT**[385], **BOQ**[350], **BOU**[165], **BOX**[175], **BOY**[137, 234, 236]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ACX**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJR**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Pachyramphus castaneus	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ACJ**[20], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIR**[130, 385], **AJP**[213, 217], **AJQ**[385], **AKQ**[116], **ALR**[165], **ANU**[420], **AOQ**[165], **AXZ**[213, 217], **AYZ**[350], **BBP**[343], **BBS**[54], **BBW**[94], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[199, 280], **BEH**[131, 358], **BER**[119], **BGS**[177, 213], **BGU**[119], **BHL**[206], **BIO**[83, 154], **BLQ**[300, 417], **BMO**[436], **BOQ**[350], **BOX**[168, 175]	**AAF**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQV**[447], **AQW**[447], **ART**[447], **AXX**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BMT**[447], **BPR**[447]
Pachyramphus polychopterus	D, M	**AAF**[206], **AAV**[350], **ABG**[385], **ABM**[206], **AES**[83], **AFG**[419], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[385], **AKN**[165], **AMP**[154], **AQW**[346], **AXZ**[213, 217], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 83, 126, 131], **BBV**[119],	**AAB**[447], **AAF**[447], **AAI**[447], **AAX**[447], **ABE**[447], **ACX**[447], **AEQ**[447], **AES**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BBW[94], **BDO**[436], **BDR**[95], **BDY**[186, 199, 350, 436], **BDZ**[199], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BEW**[155], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154], **BJZ**[66], **BLQ**[55, 83, 155, 301, 394, 417], **BLS**[160], **BMW**[68], **BMZ**[154], **BNT**[385], **BOQ**[350], **BOX**[175], **BOY**[137, 234, 236	**ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ASV**[447], **ATT**[447], **AZZ**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Pachyramphus marginatus	D, M	**AAV**[350], **ABM**[206], **ACJ**[20], **ADJ**[154], **ADX**[206], **AGM**[154], **AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **AMR**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APX**[5, 20, 154, 165], **AQW**[154], **AQY**[213], **ATW**[213], **AXZ**[213, 217], **BBS**[70, 126, 131, 435], **BDR**[165], **BDY**[70, 96, 186, 199, 350, 378, 436], **BDZ**[70, 199, 280], **BEE**[70, 424], **BEN**[142], **BEX**[63], **BEY**[116], **BFF**[213], **BFG**[20], **BFV**[154, 165], **BGS**[156, 177, 213], **BHL**[206], **BNS**[165], **BOQ**[350]	**AAF**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BJM**[447], **BMT**[447]
Pachyramphus validus	D, M	**ABM**[206], **ABR**[219], **ACJ**[20], **AFM**[381], **AHV**[206], **AIR**[92, 130, 385], **AJQ**[83, 385, 400], **ANU**[420], **AOZ**[154], **APQ**[154], **APV**[154], **APX**[20], **AQY**[213], **ATW**[213, 217], **BBS**[54, 57, 435], **BDR**[165], **BDY**[199, 436], **BDZ**[199, 280], **BEE**[70, 424], **BEH**[131, 358], **BEN**[142], **BEY**[116], **BGS**[177, 213], **BGV**[213, 217], **BHL**[206], **BHY**[436], **BOY**[137]	**AAF**[447], **ACQ**[447], **ADS**[447], **AEQ**[447], **AES**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BCV**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKT**[447], **BMT**[447], **BOX**[447]
Carpornis cucullata	D, M	**AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **ANU**[420], **AOQ**[165], **BBP**[237, 343], **BDY**[70, 186, 199, 350, 378, 436], **BDZ**[280], **BIO**[83, 154, 165], **BIT**[165], **BOQ**[350]	**AAF**[447], **ABE**[447], **BIO**[447], **BMM**[447]
Carpornis melanocephala	D, M	**AFL**[73], **AFM**[381], **AGG**[5, 10, 165], **ALP**[73, 165], **APX**[5, 20, 73], **APY**[154], **AQW**[73, 165], **AQY**[213], **AYZ**[264], **BDZ**[5, 10, 11, 70, 73, 96, 199, 280, 433], **BEE**[70, 73, 433], **BEN**[142], **BGS**[73, 156, 177, 213	**AQW**[447], **BMT**[447]
Phibalura flavirostris	D, M	**ADO**[20], **AIN**[277, 344, 350], **AIP**[350], **AYZ**[264], **BBK**[204], **BBP**[343], **BBW**[204], **BDY**[186, 350, 436], **BDZ**[280], **BIO**[154, 165], **BLQ**[55, 83, 155, 158, 204, 242, 243, 301, 394], **BOQ**[350]	**ACQ**[447], **AEU**[447], **BHU**[447], **BIO**[447]
Pyroderus scutatus	D, M	**AAZ**[327], **ABC**[131], **AFG**[419], **AFL**[177], **AFR**[327], **AFY**[10, 165], **AGG**[9, 165], **AHK**[327], **AHS**[427], **AIN**[277, 344], **AIR**[22, 92, 130, 134, 158, 385], **AJQ**[385], **AKN**[165], **AQW**[154], **AQY**[5, 6, 213], **ARY**[39], **ATW**[116, 213, 217], **AXZ**[213, 217], **AYZ**[264], **BBF**[131], **BBP**[343], **BBS**[54, 57, 119, 126, 131, 385, 435], **BBW**[94], **BDY**[199, 436], **BDZ**[5, 199, 280, 305, 318], **BEF**[58], **BEG**[364], **BEN**[142], **BEZ**[116], **BFR**[170, 175, 217], **BFV**[165], **BGS**[156, 177, 213], **BGV**[213, 217], **BHN**[78, 366], **BIO**[154], **BLQ**[300, 388, 394, 395, 418], **BLS**[160], **BMT**[319], **BOX**[168]	**ABC**[447], **ADS**[447], **AES**[447], **AEU**[447], **AGY**[447], **AMS**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANX**[447], **AOT**[447], **ARY**[447], **ASU**[447], **BFX**[447], **BHU**[447], **BJN**[447], **BKP**[447], **BKX**[447], **BNO**[447], **BOX**[447]
Lipaugus lanioides	D, M	**AAV**[83], **ABM**[206], **AEK**[175], **AHS**[427], **AHV**[206], **AIN**[162, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AJP**[213, 217], **ALR**[73, 165], **ANU**[420], **AOQ**[73, 165], **ARS**[91], **ARY**[213], **AYZ**[264, 266], **BBP**[73, 148, 237, 343], **BBS**[57, 73, 131, 433], **BBW**[94], **BDE**[73, 175], **BDY**[12, 70, 73, 96, 186, 199, 350, 433, 436], **BDZ**[73, 199, 305, 306, 433], **BEH**[99, 433], **BFG**[222, 224], **BHL**[206], **BIO**[73, 83, 154, 165, 374], **BLQ**[55, 73, 83, 158, 159, 394, 417, 433], **BOX**[73, 168, 175	**AAF**[447], **ABE**[447], **AEQ**[447], **AEU**[447], **ANU**[447], **ARY**[447], **ATU**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BMM**[447]
Lipaugus vociferans	D, M	**AFL**[177], **AFM**[381], **AGG**[5, 10, 165], **ALP**[165], **APX**[5, 20], **AQW**[175], **AQY**[6, 213], **BDZ**[5, 8, 10,	**AQW**[447], **BMT**[447]

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		96, 199, 280, 305, **BEE**70, 96, **BEN**142, **BMW**68	
Procnias nudicollis	D, M	**AAV**350, **ABM**206, **ACO**154, **ADJ**154, **AGG**10, **AGK**177, 213, **AHS**427, **AHV**206, **AIN**154, 277, 344, 350, 436, **AIP**154, 350, **AIQ**85, **AOP**154, **AOQ**165, **AOX**154, **APX**165, **APY**154, **AQY**6, **AYZ**70, 154, 264, 266, 350, 436, **BBP**237, 343, **BDY**70, 96, 154, 186, 199, 350, 436, **BDZ**5, 96, 199, 280, **BEN**142, **BHL**206, **BIO**96, 154, 165, **BJZ**154, **BOQ**350	**AAF**447, **ABB**447, **ABE**447, **ANY**447, **AQW**447, **ART**447, **AXX**447, **BEM**447, **BHV**447, **BIO**447, **BMM**447
Xipholena atropurpurea	D, M	**AGN**10, 165, **AOZ**154, **AQY**6, 213, **BDZ**73, 199, 280, 318, 433, **BEE**73, 179, 433, **BEN**142	**AQW**447, **BMT**447
Piprites chloris	D, M	**AAV**350, **AHS**427, **AIN**350, 436, **AIP**350, **AYZ**264, **BBP**343, **BDY**96, 154, 186, 199, 350, 436, **BIO**83, **BOQ**350	**AAF**447, **ANU**447, **BIO**447
Platyrinchus mystaceus	D, M	**AAF**206, **AAV**350, **ABC**131, **ABF**155, **ABK**155, **ABM**206, **ADX**206, **AEE**83, **AEK**191, **AFR**435, **AGI**135, **AGJ**135, **AHS**427, **AHT**120, **AIN**344, 350, 436, **AIP**350, **AIQ**85, 119, 120, **AIR**92, 130, 385, **AJP**213, 217, **AJQ**83, 155, 385, **AKX**155, **ALN**155, **ALQ**175, **ANU**420, **ARV**155, **ARY**83, 176, **ASY**65, 175, 239, **ATZ**83, **AUV**155, **AUZ**83, 175, **AWY**155, **AYZ**154, 264, 266, 350, 436, **BBF**131, **BBP**175, 343, **BBS**57, 131, **BBV**119, **BBW**94, **BDY**70, 96, 186, 199, 350, 378, 436, **BDZ**280, **BEF**58, **BEG**364, **BEH**119, 358, **BER**119, **BGM**83, **BHL**206, **BHN**133, **BIO**83, 154, 323, 438, **BJW**175, **BLQ**55, 83, 155, 300, 394, 417, **BLS**160, **BMO**436, **BOQ**350, **BOX**29, 86, 175, **BOY**137, 234, 236	**AAB**447, **AAF**447, **ABC**447, **ABE**447, **AEQ**447, **AES**447, **AEU**447, **AFF**447, **AMZ**447, **ANP**447, **ANU**447, **ANV**447, **ARS**447, **ART**447, **ARY**447, **ASU**447, **ATU**447, **BCT**447, **BCV**447, **BFX**447, **BHU**447, **BIL**447, **BIO**447, **BIR**447, **BIU**447, **BKS**447, **BKT**447, **BKV**447, **BOX**447
Platyrinchus leucoryphus	D, M	**AHS**427, **AIN**154, 350, 436, **AIP**350, **BDY**73, 96, 186, 199, 350, 433, 436, **BIO**73	**BIO**447
Mionectes oleagineus	D, M	**ALW**154, **APX**5, 20, **AYZ**264, **BDZ**280, **BEE**355, **BFV**154, **BGS**177, 213	**AQW**447
Mionectes rufiventris	D, M	**AAN**247, **AAU**206, **AAV**350, **ABC**131, **ABM**206, **ADX**206, **AEK**431, **AEV**155, **AFR**435, **AGI**135, **AGJ**135, **AHK**83, **AHS**427, **AHV**206, **AIN**154, 277, 344, 350, 436, **AIP**350, **AIQ**119, 120, **AIR**92, 130, 379, 385, **AJP**213, 217, **AJQ**83, 155, 385, **ANU**420, **ARY**83, **ASY**87, 175, **ATW**213, 217, **AUZ**175, **AWZ**363, **AXZ**213, 217, **AYZ**264, 266, 436, **BBF**131, **BBP**343, **BBS**57, 124, 126, 127, 128, 131, **BBW**94, **BDE**175, **BDY**70, 154, 186, 199, 350, 436, **BEF**58, **BER**119, **BHL**206, **BHN**133, **BIO**83, 154, **BJZ**66, **BLQ**55, 83, 155, 177, 300, 301, 394, 417, **BLY**155, **BMO**436, **BOQ**350, **BOX**166, 175, **BOY**137, 234	**AAF**447, **ABC**447, **ABE**447, **AEQ**447, **AES**447, **AEU**447, **AFQ**447, **AGW**447, **ALT**447, **AMS**447, **ANO**447, **ANP**447, **ANU**447, **ANV**447, **AQR**447, **AQS**447, **ART**447, **ARY**447, **ASU**447, **ASV**447, **AXX**447, **BCV**447, **BDG**447, **BFX**447, **BHT**447, **BHU**447, **BIO**447, **BIR**447, **BJN**447, **BKT**447, **BKV**447, **BKX**447, **BMM**447, **BOX**447
Leptopogon amaurocephalus	D, M	**AAF**206, **AAV**350, **ABC**131, **ABG**385, **ABM**206, **ABR**219, **ADX**206, **AEK**190, 339, **AES**74, **AFG**419, **AFM**381, **AFR**435, **AGI**135, **AGJ**135, **AHK**83, **AHM**385, **AHS**427, **AIL**436, **AIN**154, 277, 344, 350, 436, **AIP**350, **AIQ**85, 119, 120, **AIR**83, 92, 130, 385, **AJP**213, 217, **AJQ**83, 155, 385, **ANU**420, **ARY**83, **ASX**339, **ASY**121, 175, 239, 339, **ATW**213, 217, **AUY**155, **AUZ**83, 175, **AXZ**213, 217, **AYZ**350, 436, **BBF**131, **BBP**343, **BBS**57, 70, 83, 96, 126, 127, 128, 131, 135, 435, **BBW**94, **BCG**83, **BDY**70, 186, 199, 350, 436, **BDZ**199, 280, **BEE**154, **BEF**58, **BEG**364, **BEH**83, 120, 131, 135, 358, **BEN**142, **BER**119, **BGU**119, **BHL**206, **BHN**155, **BHY**436, **BIO**83,	**AAE**447, **AAF**447, **ABC**447, **ABE**447, **ACQ**447, **ACX**447, **ADM**447, **ADR**447, **AEQ**447, **AES**447, **AEU**447, **AFL**447, **AMS**447, **AMU**447, **ANP**447, **ANU**447, **ANV**447, **AQS**447, **AQV**447, **AQW**447, **ARS**447, **ART**447, **ARY**447, **ATU**447, **BCU**447, **BCV**447, **BDR**447, **BEP**447, **BHT**447, **BHU**447, **BIO**447, **BIR**447, **BIU**447, **BJR**447, **BKS**447, **BKT**447, **BKW**447, **BMS**447, **BMT**447, **BOX**447, **BPR**447

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[154], **BIX**[224], **BIY**[20], **BLL**[155], **BLQ**[83, 155, 300, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOP**[154], **BOQ**[350], **BOY**[137, 234, 236], **BPR**[385]	
Corythopis delalandi	D, M	**AAF**[206], **ABM**[206], **ACJ**[180], **AEK**[48, 331, 431], **AHK**[129], **AIN**[154], **AIP**[154], **AIR**[92, 130], **AJQ**[155, 385], **APU**[154], **ARV**[155], **ASY**[154, 175, 239], **BBF**[131], **BBS**[131, 435], **BBW**[94], **BDV**[336, 337], **BDY**[154], **BEI**[217], **BFG**[180, 224], **BGS**[177], **BHL**[206], **BLL**[155], **BLQ**[417], **BNT**[385], **BOX**[175, 229, 337], **BOY**[234, 236], **BPR**[385]	**AAF**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AGW**[447], **AMS**[447], **ANP**[447], **ANV**[447], **ANX**[447], **AQS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BDG**[447], **BEP**[447], **BHT**[447], **BHU**[447], **BIR**[447], **BIU**[447], **BKT**[447], **BKV**[447], **BNO**[447], **BOX**[447]
Phylloscartes eximius	D, M	**AJP**[213, 217], **ALR**[193], **BBP**[237, 343, 383], **BBW**[94], **BLQ**[417]	**ABE**[447], **AEU**[447], **ARY**[447], **BHU**[447]
Phylloscartes ventralis	D, M	**AAN**[247], **AAV**[350], **AFG**[419], **AIN**[350], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AUY**[155], **AYZ**[350], **BBP**[343], **BBW**[94], **BDY**[350], **BEF**[58], **BKZ**[83], **BLQ**[83, 155, 300, 394, 395, 417], **BLS**[160], **BOQ**[350]	**AAF**[447], **ABE**[447], **AEU**[447], **AFQ**[447], **AMS**[447], **ANV**[447], **ARY**[447], **AXX**[447], **BCV**[447], **BHU**[447]
Phylloscartes oustaleti	D, M	**AAV**[350], **AHS**[427], **AIN**[154, 344, 350, 436], **AIP**[350], **AYZ**[264], **BDY**[70, 186, 199, 350, 378, 436], **BOQ**[350]	**BIO**[447]
Rhynchocyclus olivaceus	D, M	**ACJ**[20], **AFL**[177, 213], **AIN**[277], **APU**[154], **APX**[5, 20], **AQY**[213], **ATW**[213, 217], **AXZ**[213, 217], **BBS**[54, 57, 83, 126, 128, 131], **BDR**[95], **BDZ**[96, 199, 280], **BEE**[70], **BEI**[217], **BEN**[142], **BFG**[20, 224], **BFR**[213, 217], **BGS**[157, 177, 213], **BGV**[213, 217], **BIX**[217, 224], **BIY**[20]	**AQW**[447], **ASU**[447], **BJM**[447], **BMT**[447]
Tolmomyias sulphurescens	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ADX**[206], **AEK**[431], **AFG**[419], **AFR**[435], **AGI**[135], **AGJ**[135], **AHK**[83], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[83, 92, 130, 379, 385], **AJP**[213], **AJQ**[83, 155, 385, 395], **AJU**[116], **AJY**[155], **ANU**[420], **AQW**[346], **AQY**[213], **ASX**[29, 86], **ASY**[87, 175, 239], **ATW**[116, 217], **AUZ**[83, 175], **AWZ**[363], **AXZ**[213, 217], **AYZ**[350, 436], **BBF**[131], **BBP**[175, 343], **BBS**[54, 57, 96, 119, 126, 131, 435], **BBV**[119], **BBW**[94], **BBY**[175], **BCD**[121], **BDO**[436], **BDR**[95], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[280], **BEE**[70], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BER**[119], **BFG**[20, 224], **BFT**[116], **BGM**[83], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 323], **BJW**[175], **BJZ**[66], **BLQ**[55, 300, 394], **BLS**[160], **BLY**[155], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[154], **BOQ**[350], **BOV**[154], **BOX**[175], **BOY**[137, 234, 236], **BPR**[385]	**AAE**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **AGW**[447], **AHM**[447], **AIJ**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQV**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BEI**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJR**[447], **BJY**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Tolmomyias poliocephalus	D, M	**AAU**[206], **ABM**[206], **ADJ**[154], **AHV**[206], **AMP**[154], **APV**[154], **APX**[5, 20], **APY**[154], **BDO**[436], **BDZ**[70, 96, 199, 280], **BEE**[70, 154], **BGS**[177, 213], **BHL**[206], **BHY**[436]	**AFL**[447], **AQW**[447], **BMT**[447]
Tolmomyias flaviventris	D, M	**AAN**[247], **AAU**[206], **ABI**[155], **ABM**[206], **ACQ**[419], **AFG**[419], **AHV**[206], **AIL**[436], **AIN**[277], **AJQ**[385], **APV**[154], **APY**[154], **AQW**[346], **BDO**[436], **BDZ**[70, 199], **BEF**[58], **BEJ**[67], **BEN**[142], **BEW**[155], **BHL**[206], **BHY**[436], **BIO**[154], **BJZ**[66], **BLY**[155], **BMW**[68], **BNT**[385]	**AAF**[447], **AAI**[447], **AAZ**[447], **ADM**[447], **AEQ**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **ALZ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AQV**[447], **AQW**[447], **ATT**[447], **AXX**[447], **BIL**[447], **BIO**[447], **BIV**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BMT**[447], **BNO**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Todirostrum poliocephalum	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AEE**[100], **AES**[83], **AFG**[419], **AFJ**[119], **AFR**[435], **AGL**[116], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350, 436], **AIP**[350], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKQ**[116], **ANU**[420], **AQW**[346], **ASY**[239], **ATW**[96, 116, 217], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 131, 435], **BBW**[94], **BCD**[121], **BDO**[436], **BDR**[95, 116], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[28, 364], **BEH**[131, 358], **BER**[119], **BGM**[83], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154], **BKM**[83], **BLQ**[55, 300, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOX**[86], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAZ**[447], **ABB**[447], **ABC**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AGO**[447], **AGW**[447], **AHL**[447], **AHM**[447], **AHQ**[447], **AIJ**[447], **ALT**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANR**[447], **ANV**[447], **ANW**[447], **AOR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBY**[447], **BCI**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKU**[447], **BKV**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BMS**[447], **BMY**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Todirostrum cinereum	D, M	**AAF**[206], **AAU**[206], **ABG**[385], **ABM**[206], **ADJ**[154], **AHM**[385], **AHV**[206], **AIL**[436], **AJQ**[385], **ANU**[420], **AOP**[154], **APS**[154], **APX**[5], **APY**[154], **AQW**[346], **AQY**[213], **BDO**[436], **BDZ**[280], **BEG**[364], **BEH**[131, 358], **BEN**[142], **BER**[119], **BEW**[155], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[323], **BJZ**[66], **BMW**[68], **BNT**[385], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADV**[447], **AEI**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFW**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **AOS**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BCY**[447], **BDR**[447], **BEM**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJQ**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Poecilotriccus plumbeiceps	D, M	**AAN**[247, 435], **AAV**[350], **ABC**[131], **ABM**[206], **ADX**[206], **AFG**[419], **AFR**[435], **AHM**[385], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[83, 92, 130, 379, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKR**[155], **ANU**[420], **AOQ**[184], **ASY**[239], **AUZ**[83], **AYZ**[154], **BBF**[131], **BBP**[343], **BBS**[57, 119, 131], **BBW**[94], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[131, 358], **BER**[119], **BGM**[83], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83], **BLQ**[83, 300, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **ABC**[447], **ABE**[447], **ACX**[447], **ADL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AGW**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AQS**[447], **ART**[447], **ARY**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJN**[447], **BKQ**[447], **BKT**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Myiornis auricularis	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ACQ**[155], **ADJ**[154], **AEK**[431], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130], **AJQ**[385], **AJU**[116], **AKL**[155], **AMY**[154], **ANU**[420], **AOP**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[5, 20,	**AAF**[447], **AAI**[447], **AAR**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AMU**[447], **ANP**[447], **ANU**[447], **ANV**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[154], **AQW**[346], **ASY**[239], **ATW**[213], **AXZ**[213, 217], **BBP**[343], **BBS**[54, 57, 70, 83, 96, 119, 126, 131, 435], **BBW**[94], **BDO**[436], **BDR**[95], **BDY**[186, 199, 350, 436], **BDZ**[70, 96, 154, 199, 280], **BEE**[70, 105, 154], **BEG**[364], **BEH**[131], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[20, 224], **BGS**[177], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHY**[436], **BIO**[154], **BLQ**[55, 155, 300, 417], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOY**[137, 234, 236], **BPR**[385]	**ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **BBY**[447], **BEM**[447], **BEP**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Hemitriccus diops	D, M	**AAU**[206], **AAV**[350], **AAW**[154], **ABC**[131], **ABM**[206], **AFG**[419], **AFR**[435], **AGI**[135], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AJP**[213], **AJQ**[83, 155, 385], **ANU**[420], **ATZ**[83], **AUZ**[83, 175], **BBP**[237, 343], **BBW**[94], **BDY**[96, 186, 199, 350, 436], **BDZ**[96, 280], **BEF**[58], **BGM**[83], **BHL**[206], **BIO**[83, 154, 438], **BJZ**[66], **BLQ**[83, 155, 300, 394, 395, 417], **BOQ**[350], **BOX**[175]	**AAF**[447], **AAQ**[447], **AAZ**[447], **ABE**[447], **AEU**[447], **AGW**[447], **AMS**[447], **ANV**[447], **ART**[447], **ARY**[447], **BHU**[447], **BIO**[447], **BIU**[447], **BMM**[447]
Hemitriccus nidipendulus	D, M	**AAU**[206], **AAV**[350], **ABM**[206], **ADN**[83], **AEE**[100], **AFG**[419], **AFJ**[119], **AFR**[435], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AIR**[92, 130, 385], **AJQ**[83, 155, 385], **ALR**[303], **AOQ**[303], **ASY**[239], **AUZ**[175], **AYZ**[264, 266], **BBP**[343], **BBR**[398], **BBW**[94], **BDY**[96, 186, 199, 350, 436], **BEF**[58], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154], **BJW**[175], **BLQ**[83, 155, 300, 301, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOX**[175], **BOY**[137, 234, 236]	**AAF**[447], **ABE**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFQ**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AQV**[447], **ART**[447], **ARY**[447], **ATU**[447], **AXX**[447], **BBM**[447], **BCV**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKT**[447], **BOX**[447]
Hemitriccus margaritaceiventer	D, M	**AJY**[155], **BBV**[119], **BEF**[58]	**AFQ**[447], **ARY**[447]
Hirundinea ferruginea	D, M	**AAF**[206], **AAJ**[416], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **AFJ**[119], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[344, 350, 436], **AIP**[350], **AIR**[22, 92, 130, 385], **AIV**[154], **AJP**[213, 217], **AJQ**[83, 385, 395], **ANU**[420], **AOQ**[319], **AQW**[346], **ATV**[155], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[54, 57, 126, 131], **BBV**[119], **BDR**[116], **BDY**[186, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[119], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154], **BLO**[416], **BLQ**[83, 245, 300, 394, 395, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BOP**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 168, 175], **BOY**[234], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADR**[447], **ADS**[447], **ADV**[447], **AEQ**[447], **AER**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AGW**[447], **AHL**[447], **AHP**[447], **AIJ**[447], **ALT**[447], **AMQ**[447], **AMU**[447], **AMW**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BEI**[447], **BEM**[447], **BET**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIP**[447], **BIR**[447], **BIU**[447], **BIZ**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Ornithion inerme	D	**BDZ**[199]	**AQW**[447], **BMT**[447]
Euscarthmus meloryphus	D, M	**AAU**[206], **ABM**[206], **ACQ**[155], **ADJ**[154], **ADO**[20], **AEK**[431], **AFG**[419], **AHV**[206], **AIN**[436], **AIR**[130], **AJQ**[83, 155, 385], **AQW**[346], **AWX**[400], **BBS**[57, 131], **BER**[119], **BHL**[206], **BLQ**[417], **BOT**[213, 217]	**AAF**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **ANP**[447], **AQV**[447], **BCV**[447], **BEI**[447], **BIJ**[447], **BJN**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Tyranniscus burmeisteri	D, M	**ABM**[206], **AIN**[154, 436], **AUZ**[83, 94, 153, 155], **AYZ**[436], **BBP**[383], **BBW**[94, 153], **BDY**[70, 186, 199, 436], **BEG**[364], **BHL**[206], **BIO**[154], **BLQ**[153, 155, 300, 400], **BMO**[436]	**AAF**[447], **AEU**[447], **AMZ**[447], **ANP**[447], **ANU**[447], **ARY**[447], **ASU**[447], **BHU**[447], **BIO**[447]
Camptostoma obsoletum	D, M	**AAF**[206], **AAJ**[416], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADI**[154], **ADX**[206], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 92, 130, 385], **AJP**[213], **AJQ**[83, 155, 385], **AKQ**[116], **ALW**[154], **ANU**[420], **AOX**[154], **APV**[154], **APX**[5], **AQW**[154, 346], **ATW**[116], **AXZ**[213, 217], **AYZ**[154, 264, 350, 436], **BBF**[131], **BBP**[175, 343], **BBS**[54, 57, 96, 119, 126, 131, 228, 385], **BBT**[104], **BBV**[119], **BBW**[94], **BDN**[83], **BDO**[436], **BDR**[116], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[155], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154], **BLN**[155], **BLQ**[55, 83, 155, 300, 394, 397, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOY**[137, 234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANT**[447], **ANU**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **AQZ**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATT**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Elaenia flavogaster	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADJ**[154], **AFG**[419], **AFJ**[119], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJP**[213, 217], **AJQ**[83, 385, 400], **AKM**[154], **ALW**[154], **AMR**[154], **AMY**[154], **ANU**[420], **AOP**[154], **AOX**[154], **APR**[154], **APX**[5, 20, 154], **APY**[154], **AQW**[154, 346], **AQY**[6, 213], **ATV**[155], **AUY**[155], **AXZ**[213, 217], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 57, 83, 126, 131, 187, 228, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEJ**[67], **BER**[119], **BFG**[155], **BGS**[177, 213], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 157, 177, 213, 323], **BJZ**[66], **BLQ**[55, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86, 175], **BOY**[234], **BPR**[385]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **BBM**[447], **BBY**[447], **BCU**[447], **BCV**[447], **BDG**[447], **BDR**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Elaenia spectabilis	D, M	**AJQ**[155, 385], **AYZ**[264], **BBP**[343], **BBW**[94], **BLQ**[417]	**AAQ**[447], **ADM**[447], **ADR**[447], **AMS**[447], **ANP**[447], **AQS**[447], **AQW**[447], **BCV**[447], **BHT**[447], **BJN**[447]
Elaenia chilensis	D, M	**AIN**[277, 436], **AIR**[74], **AJW**[155], **AOZ**[154], **APU**[154], **AYZ**[436], **BBS**[83, 126], **BDY**[186], **BLQ**[300]	**AFL**[447], **ART**[447], **BIO**[447]
Elaenia parvirostris	D, M	**AAJ**[416], **AEK**[86], **AIN**[277, 436], **AIR**[92], **AOP**[154], **ASY**[175], **BBP**[343], **BDY**[436], **BFV**[154], **BIO**[83], **BLQ**[83, 417], **BOX**[175]	**AAE**[447], **ABC**[447], **AES**[447], **BDD**[447], **BOX**[447]
Elaenia mesoleuca	D, M	**ABM**[206], **AFG**[419], **AHV**[206], **AIN**[436], **AIR**[92, 130], **AJP**[213, 217], **AKL**[155], **AXZ**[213, 217], **AYZ**[264, 266, 350, 436], **BBP**[175, 383], **BBS**[57, 131], **BBW**[94], **BDZ**[280], **BEF**[58], **BHL**[206], **BIO**[83, 154], **BLQ**[83, 394, 395, 397, 416], **BOX**[168, 175]	**AAQ**[447], **ABE**[447], **AES**[447], **AEU**[447], **AEV**[447], **ART**[447], **BCV**[447], **BHU**[447], **BIO**[447], **BKW**[447], **BOX**[447]
Elaenia cristata	D, M	**AAN**[247], **ABH**[155], **AFG**[419], **AJQ**[83, 400], **BBS**[131], **BLQ**[400]	**ADR**[447], **AEU**[447], **AFQ**[447], **BHU**[447], **BKP**[447]
Elaenia chiriquensis	D, M	**AAJ**[416], **AAN**[247], **AFG**[419], **AJQ**[155, 385], **BBP**[383], **BBS**[54], **BEF**[58], **BEJ**[67], **BLQ**[394, 416, 417], **BLS**[160], **BMW**[68]	**AAQ**[447], **ABE**[447], **AEQ**[447], **AMQ**[447], **AMS**[447], **ANP**[447], **ANW**[447], **ARY**[447], **BCV**[447], **BHU**[447], **BJN**[447], **BKT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Elaenia obscura	D, M	**AAJ**[416], **AAN**[83, 247], **ABI**[155], **ABM**[206], **AFG**[419], **AFJ**[119], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[344, 436], **AIQ**[85, 119], **AIR**[83, 92, 130], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJY**[155], **ASY**[175], **ATY**[155], **AUZ**[175], **AWY**[155], **AXZ**[213, 217], **BBP**[383], **BBS**[57, 131, 435], **BBW**[94], **BDY**[186, 436], **BEF**[58], **BHL**[206], **BIO**[154], **BLQ**[55, 83, 177, 300, 394, 397, 416, 417], **BLS**[160], **BMU**[83], **BOT**[213, 217]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFQ**[447], **ALT**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BNO**[447]
Myiopagis caniceps	D, M	**AAF**[206], **AAV**[350], **ABM**[206], **AFG**[419], **AHM**[385], **AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **AIR**[92], **AJQ**[385], **AJU**[116], **AKQ**[116], **APY**[154], **AQW**[154], **AQY**[6], **ASY**[239], **AXZ**[213, 217], **BBS**[126, 385, 435], **BBV**[119], **BBW**[94], **BDO**[436], **BDR**[95], **BDY**[350, 436], **BDZ**[96, 199], **BEH**[83, 120, 358], **BEP**[83], **BHL**[206], **BHY**[436], **BLQ**[394, 417], **BNT**[385], **BOQ**[350], **BOY**[137, 234, 236], **BPR**[385]	**ABC**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEV**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANX**[447], **AOT**[447], **AQW**[447], **ART**[447], **ASU**[447], **ASV**[447], **AXX**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIJ**[447], **BIR**[447], **BJN**[447], **BNO**[447], **BOX**[447]
Myiopagis viridicata	D, M	**ABG**[385], **AFG**[419], **AIR**[92, 130, 385], **AJQ**[83, 155, 385, 400], **ASY**[239], **AUX**[155], **BBF**[131], **BBS**[131, 228], **BBW**[94], **BCD**[121], **BEG**[364], **BLQ**[99, 394, 417], **BLS**[160], **BNT**[385], **BOY**[137, 234, 236]	**AAC**[447], **ABB**[447], **ADM**[447], **AEQ**[447], **AEU**[447], **ALZ**[447], **AMS**[447], **ANO**[447], **ANP**[447], **AOR**[447], **ASU**[447], **BCU**[447], **BCV**[447], **BEP**[447], **BHT**[447], **BHU**[447], **BJY**[447], **BKP**[447], **BKT**[447], **BMY**[447], **BNO**[447], **BOX**[447]
Capsiempis flaveola	D, M	**ABG**[385], **ABM**[206], **ABV**[155], **AES**[83], **AFG**[419], **AHM**[385], **AHV**[206], **AIN**[154, 344, 350, 436], **AIP**[350], **AIR**[92, 130], **AJQ**[83, 155, 385], **ANU**[420], **AQY**[213], **ATZ**[83], **BBS**[96, 119, 126, 435], **BBW**[94], **BDY**[350, 436], **BDZ**[280], **BEG**[364], **BER**[119], **BGV**[213], **BHL**[206], **BIO**[83, 154], **BJZ**[66], **BLQ**[394, 417], **BMO**[436], **BPR**[385]	**AAF**[447], **AAQ**[447], **AAZ**[447], **ABC**[447], **ADL**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFW**[447], **AHM**[447], **AMS**[447], **AMU**[447], **ANN**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BCV**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIJ**[447], **BIO**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BJY**[447], **BKQ**[447], **BMS**[447], **BNO**[447], **BPR**[447]
Phaeomyias murina	D, M	**AAJ**[416], **AAU**[206], **ADX**[206], **AEK**[48], **AFG**[419], **AHM**[385], **AHV**[206], **AIR**[83, 92, 385], **AJQ**[83, 155, 385, 400], **ARY**[83], **AUY**[155], **BBV**[119], **BBW**[94], **BEF**[58], **BER**[119], **BHL**[206], **BLL**[155], **BLQ**[99, 394, 397, 416, 417], **BLS**[160], **BNT**[385], **BPR**[385]	**AAI**[447], **ABC**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AMS**[447], **ANP**[447], **ANV**[447], **AOT**[447], **ART**[447], **ARY**[447], **ATU**[447], **BCV**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIR**[447], **BKQ**[447], **BKT**[447], **BNO**[447], **BOX**[447]
Phyllomyias virescens	D, M	**BBP**[237, 343, 383], **BDZ**[280]	**AAF**[447], **ABE**[447]
Phyllomyias fasciatus	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAV**[350], **ABC**[131], **ABM**[206], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKL**[155], **APV**[154], **AQW**[154, 346], **ARY**[213], **ATW**[217], **AXZ**[213, 217], **AYZ**[350, 436], **BBF**[177], **BBP**[175, 343], **BBS**[13, 112, 126, 131, 435], **BBW**[94], **BDO**[436], **BDR**[95], **BDY**[186, 350, 436], **BEF**[58], **BEG**[364], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[177, 213], **BJZ**[66], **BLQ**[112, 155, 177, 300, 394, 395, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385],	**AAB**[447], **AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ACX**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANV**[447], **AQW**[447], **ART**[447], **ASU**[447], **ATU**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDR**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BJR**[447], **BKS**[447], **BKT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BOQ[350], **BOY**[137, 234, 236], **BPR**[385]	**BKW**[447], **BOX**[447]
Phyllomyias griseocapilla	D, M	**AHS**[427], **AIN**[344, 350, 436], **AIP**[154, 350], **AXZ**[213], **BBP**[383], **BDY**[70, 186, 199, 350, 436], **BEN**[142], **BOQ**[350]	**AAF**[447], **ABE**[447], **AEU**[447], **ANV**[447], **ART**[447], **ASV**[447], **BHT**[447], **BHU**[447], **BIO**[447]
Culicivora caudacuta	D	**AAN**[119, 247], **BEF**[58]	**AEU**[447], **ANP**[447], **ANV**[447], **AXX**[447], **BIR**[447]
Polystictus superciliaris	D, M	**AAJ**[416], **AAN**[83, 119, 247], **AEE**[100], **AFG**[419], **AFR**[435], **AUZ**[83], **BBR**[83, 398], **BDN**[83], **BEF**[58], **BKY**[415, 416], **BKZ**[155], **BLN**[155], **BLP**[83], **BLQ**[55, 83, 159, 177, 224, 300, 390, 394, 397, 416, 417], **BLS**[160], **BLV**[83], **BLY**[155]	**ACQ**[447], **ADR**[447], **AEU**[447], **AFQ**[447], **ANP**[447], **ANS**[447], **ARY**[447], **AXX**[447], **BHU**[447], **BIV**[447], **BJN**[447]
Serpophaga nigricans	D, M	**AAN**[247], **AAU**[206], **ABM**[206], **AHV**[206], **AIN**[277, 436], **AYZ**[264, 266], **BHL**[206], **BIO**[154, 177, 213], **BLQ**[155, 300, 362, 395, 416]	**AAF**[447], **AAR**[447], **ADR**[447], **AES**[447], **AEU**[447], **AGW**[447], **ANP**[447], **ANV**[447], **ARY**[447], **BCT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447]
Serpophaga subcristata	D, M	**AAF**[206], **AAJ**[416], **AAU**[206], **ABM**[206], **ADO**[20], **AEK**[86], **AFG**[419], **AFJ**[119], **AHV**[206], **AIN**[277, 350, 436], **AIR**[130], **AJP**[213, 217], **AJQ**[385], **APX**[5], **ASX**[86], **BBP**[343], **BBS**[54, 57, 126, 131], **BDN**[83], **BDY**[199, 436], **BDZ**[280], **BER**[119], **BGM**[83], **BHL**[206], **BIO**[154], **BLQ**[55, 300, 394, 416], **BLS**[160], **BMO**[436], **BNT**[385], **BNZ**[83], **BOX**[168, 175], **BOY**[234]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFW**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **BBY**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BKT**[447], **BOX**[447]
Attila rufus	D, M	**AAU**[206], **AAV**[350], **ABM**[206], **AFR**[435], **AGK**[157, 177, 213], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 345, 350, 436], **AIP**[350], **AIQ**[119, 120], **AKQ**[116], **APX**[5], **ASY**[239], **AXZ**[213, 217], **AYZ**[264], **BBP**[120, 343], **BBS**[54, 57, 70, 83, 96, 119, 126, 128, 131, 435], **BCV**[175], **BDR**[95, 116], **BDY**[70, 96, 186, 199, 350, 378, 436], **BDZ**[10, 70, 96, 199, 280], **BEH**[131, 358], **BEN**[142], **BEY**[116], **BFR**[213, 217], **BGS**[157, 177, 213], **BHL**[206], **BIO**[70, 83, 154], **BJT**[36], **BLQ**[55], **BMO**[436], **BOQ**[350], **BOX**[86], **BOY**[137, 234, 236]	**AAF**[447], **ABE**[447], **AGW**[447], **ANU**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Attila spadiceus	D, M	**AFL**[177], **AOP**[154], **APV**[154], **APX**[5], **AQW**[154], **AQY**[195], **BBS**[147], **BDZ**[96, 199, 201, 280], **BEE**[70, 96]	**AQW**[447], **BMT**[447]
Legatus leucophaius	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AFG**[419], **AHV**[206], **AIN**[350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[83, 385, 400], **BBP**[343], **BBS**[57, 81, 119, 126, 131], **BBW**[94], **BDY**[70, 186, 350, 436], **BEG**[364], **BER**[119], **BHL**[206], **BLQ**[417], **BNT**[385], **BOQ**[350], **BOX**[166], **BOY**[234, 236]	**ABC**[447], **ADS**[447], **AEQ**[447], **AEV**[447], **AFQ**[447], **AHL**[447], **AHM**[447], **AMS**[447], **AMZ**[447], **ANP**[447], **ANV**[447], **AQW**[447], **ART**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BKT**[447], **BKX**[447], **BNO**[447], **BOX**[447]
Ramphotrigon megacephalum	D, M	**AKL**[153, 155], **ANU**[420], **AOQ**[303]	**AGW**[447]
Myiarchus tuberculifer	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABM**[206], **ADI**[154], **ADJ**[154], **AHS**[427], **AHV**[206], **AIN**[350, 436], **AIP**[350], **AKQ**[116], **AMY**[154], **AOX**[154], **APR**[154], **APX**[20, 154], **AQY**[213], **ATW**[96, 213, 217],	**AAC**[447], **AAF**[447], **ADM**[447], **AEQ**[447], **ANO**[447], **AQW**[447], **ART**[447], **ASU**[447], **ATU**[447], **BEI**[447], **BIO**[447], **BMT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AXZ[213, 217], **BBS**[13, 57, 83, 96, 119, 126, 131], **BDY**[186, 199, 350, 436], **BDZ**[70, 96, 199, 280], **BEE**[70], **BGL**[213, 217], **BGM**[83], **BGV**[213], **BHL**[206], **BJZ**[66], **BOQ**[350], **BOX**[86]	**BOX**[447]
Myiarchus swainsoni	D, M	**AAF**[206], **AAN**[247], **ABM**[206], **AFG**[419], **AHS**[427], **AIN**[344, 350, 436], **AIP**[350], **AIR**[92], **AJP**[213], **AJQ**[155, 385], **ALX**[224], **ANO**[70], **ANX**[20, 224], **ARY**[176], **AXZ**[213], **AYZ**[436], **BBP**[343], **BBS**[83, 228], **BBW**[94], **BDY**[96, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[119, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGH**[20, 70, 117], **BHL**[206], **BIO**[323], **BLQ**[394, 416], **BLS**[83], **BOQ**[350], **BOX**[175], **BOY**[137, 234, 236]	**AAF**[447], **AAQ**[447], **ABC**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **ART**[447], **ARY**[447], **ASU**[447], **ATU**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJM**[447], **BJN**[447], **BKT**[447], **BMY**[447], **BNO**[447], **BOX**[447]
Myiarchus ferox	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADJ**[154], **ADO**[20], **ADX**[206], **AFG**[419], **AFR**[435], **AGG**[5], **AGN**[10, 165], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AIL**[436], **AIN**[154, 344, 436], **AIQ**[85], **AIR**[22, 92, 130], **AJP**[213, 217], **AJQ**[83, 385], **AJX**[116], **AKL**[155], **AKQ**[116], **ANU**[420], **ANX**[20, 224], **APX**[5, 20, 154], **AQW**[346], **ATW**[116], **AXZ**[213, 217], **AYZ**[154, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 96, 119, 126, 131, 175, 228, 385, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BDR**[95, 116], **BDY**[70, 186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEN**[142], **BER**[119], **BGH**[117], **BGL**[217], **BGS**[157, 177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[83, 154, 177, 213, 323], **BJZ**[66], **BLQ**[55, 83, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[175], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ADM**[447], **ADV**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **AHN**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBY**[447], **BCT**[447], **BCU**[447], **BCV**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Myiarchus tyrannulus	D, M	**AAF**[206], **AAN**[247], **ABM**[206], **ADJ**[154], **AEE**[83], **AES**[83], **AGM**[154], **AHV**[206], **AIL**[436], **AIN**[277], **AIR**[92], **AIS**[175], **AJQ**[83, 155, 385], **AKQ**[116], **ALT**[175], **AOW**[175], **AOX**[154], **AOZ**[154], **BBS**[131], **BDO**[436], **BDR**[116], **BDZ**[280], **BEF**[58], **BEG**[28, 364], **BEH**[119, 131, 358], **BER**[119], **BFG**[155], **BGU**[119], **BHL**[206], **BHY**[436], **BJW**[175], **BLL**[155], **BLQ**[394, 417], **BLS**[160], **BNT**[385], **BOX**[168, 175], **BOY**[234], **BPR**[385]	**AAE**[447], **AAF**[447], **AAH**[447], **ACQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AOS**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDG**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BIQ**[447], **BJJ**[447], **BJM**[447], **BJS**[447], **BKT**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Sirystes sibilator	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ADO**[20], **ADX**[206], **AFG**[419], **AGG**[9, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[154, 350], **AIQ**[85], **AIR**[92, 130], **AJQ**[385], **AKQ**[116], **ANU**[420], **AOP**[154], **ARW**[155], **ATW**[213, 217], **AXZ**[213, 217], **AYZ**[264, 266, 350, 436], **BBP**[343], **BBS**[54, 57, 70, 126, 131, 435], **BBW**[94, 155], **BDY**[96, 186, 199, 350, 436], **BDZ**[96, 199, 280, 305], **BEE**[70, 424], **BEF**[58], **BEH**[131, 358], **BEN**[142], **BER**[119], **BFT**[116], **BGS**[177, 213], **BGV**[213, 217], **BHL**[206], **BIO**[154], **BLQ**[300, 394, 417], **BLS**[160], **BMO**[436], **BOQ**[350], **BOY**[137, 234, 236]	**AAF**[447], **ABC**[447], **ABE**[447], **ADL**[447], **AEQ**[447], **AEU**[447], **AFF**[447], **AMS**[447], **ANU**[447], **AQR**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BKP**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Rhytipterna simplex	D, M	**AAU**[206], **AAV**[350], **ABM**[206], **ACJ**[20], **AGM**[154], **AHS**[427], **AHV**[206], **AIN**[154, 165, 344, 350, 436], **AIP**[350], **AJP**[213, 217], **AOX**[154], **APR**[154], **APV**[154], **APW**[175], **APX**[5, 20], **APY**[154],	**AAF**[447], **AES**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447], **BNO**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AQW[10, 154, 165, 436], **AQY**[5, 213], **ATW**[213, 217], **AWW**[154], **AXZ**[213, 217], **AYZ**[264], **BBS**[57, 70, 83, 96, 126, 131, 153, 385, 435], **BDD**[175], **BDR**[95, 116], **BDY**[70, 186, 199, 350, 436], **BDZ**[70, 96, 199, 280], **BEE**[70, 96], **BEN**[142], **BEY**[116], **BFF**[213], **BFR**[213, 217], **BGJ**[154], **BGS**[157, 177, 213], **BGV**[213, 217], **BHL**[206], **BIO**[83], **BMO**[436], **BOP**[154], **BOQ**[350]	
Casiornis rufus	D, M	**AIR**[83, 92, 385], **AJQ**[155, 385], **AWY**[155], **BBW**[94]	**ACQ**[447], **AEV**[447], **ANP**[447], **ANV**[447], **ARY**[447], **BFK**[447], **BHU**[447], **BJN**[447]
Pitangus sulphuratus	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADI**[154], **ADX**[206], **AEK**[173, 431], **AFG**[419], **AFJ**[119], **AGG**[5], **AGN**[10, 165], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119, 120], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AMR**[154], **ANU**[420], **AOP**[154], **AOW**[175], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[5, 154], **AQW**[154, 305, 346], **AQY**[6], **ASY**[87], **ATW**[96], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 81, 119, 126, 131, 228, 385, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCD**[121], **BDO**[436], **BDR**[116], **BDY**[70, 186, 199, 350, 436], **BDZ**[199, 280, 375], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGS**[177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 157, 323], **BJS**[96], **BJZ**[66], **BLQ**[55, 83, 300, 301, 394, 397, 400, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOP**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 86, 168, 175], **BOY**[234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAZ**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHL**[447], **AHP**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **AOR**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCH**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Philohydor lictor	D, M	**AAU**[206], **ABM**[206], **AHV**[206], **AQY**[195], **ATW**[116], **AYZ**[70, 264, 266], **BBS**[13, 83, 121], **BDZ**[199, 280], **BGS**[157, 177, 213], **BHL**[206]	**AQW**[447], **ASU**[447], **BMT**[447]
Machetornis rixosa	D, M	**AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AEK**[86], **AES**[86], **AFG**[419], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[436], **AIR**[92, 130], **AJQ**[83, 155, 385], **ANU**[420], **AOX**[154], **AQW**[154, 346], **AYZ**[264, 350, 436], **BBP**[343], **BBS**[13, 57, 119, 126, 131, 228], **BBT**[104], **BCD**[121], **BDY**[436], **BDZ**[199, 280], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHY**[436], **BJZ**[66], **BLQ**[394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOX**[175], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **AAK**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ACQ**[447], **ADM**[447], **AEL**[447], **AEO**[447], **AEP**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFW**[447], **AGX**[447], **AGY**[447], **AHM**[447], **AHN**[447], **AHP**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQR**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIK**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BMM[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Myiodynastes maculatus	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ACJ**[20], **ADJ**[154], **AEK**[431], **AFG**[419], **AHS**[427], **AHT**[120], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJP**[213], **AJQ**[83, 155, 385], **AJU**[116], **AMY**[154], **ANU**[420], **AOP**[154], **AOZ**[154], **APV**[154], **APX**[20, 154], **ASX**[86], **ATW**[217], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 81, 119, 126, 131, 385], **BBW**[94], **BDY**[186, 199, 350, 436], **BDZ**[70, 96, 199, 280], **BEE**[70], **BEF**[58], **BEG**[28, 364], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFR**[213, 217], **BGS**[157, 177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 323], **BJS**[96], **BJW**[175], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOX**[168, 175], **BOY**[234, 236]	**AAB**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **ADS**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFW**[447], **AGW**[447], **AHJ**[447], **AHM**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANZ**[447], **AQS**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBB**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BEI**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Megarynchus pitangua	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ACM**[213], **ADI**[154], **ADX**[206], **AEM**[154], **AFG**[419], **AFR**[435], **AGG**[5, 10, 165], **AGN**[10, 165], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AIR**[22, 92, 130, 385], **AJQ**[83, 155, 385], **AKQ**[116], **ANU**[420], **AOP**[154], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[20], **APY**[154], **AQW**[346, 436], **ASY**[87], **ATW**[116], **AXZ**[217], **AYZ**[264, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 119, 126, 131, 385, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCD**[121], **BDO**[436], **BDR**[95, 116], **BDY**[186, 199, 350, 436], **BDZ**[5, 70, 199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGS**[157, 177, 213], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 323], **BJW**[175], **BJZ**[66], **BLQ**[55, 83, 300, 394, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOX**[83, 86, 168, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **ALT**[447], **ALZ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASS**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPR**[447]
Myiozetetes cayanensis	D, M	**AAV**[350], **ABC**[131], **ABM**[206], **ACG**[83], **AFG**[419], **AFS**[155], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIR**[92, 130], **AJP**[213], **AJQ**[83, 155, 385, 400], **ANU**[420], **AXZ**[213], **BBP**[343], **BBS**[13, 119, 126, 131, 228, 435], **BBW**[94], **BCW**[155], **BDR**[95, 116], **BDT**[116], **BDY**[350, 436], **BDZ**[280], **BER**[119], **BHL**[206], **BHN**[133], **BJZ**[66], **BLQ**[300, 394, 417], **BMO**[436], **BMW**[68], **BNT**[385], **BPR**[385]	**AAE**[447], **AAF**[447], **AAQ**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **ALT**[447], **AMT**[447], **AMU**[447], **ANP**[447], **ANU**[447], **AOT**[447], **AQS**[447], **ART**[447], **ASU**[447], **ASV**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKT**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BOX**[447], **BPR**[447]
Myiozetetes similis	D, M	**AAF**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADO**[20], **AEK**[173, 431], **AFG**[419], **AFJ**[119], **AGL**[116], **AHM**[385], **AHS**[427], **AIL**[436], **AIN**[344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **ANU**[420], **AOZ**[154], **APX**[5], **AQW**[154, 346], **AQY**[6], **ATW**[217], **AXZ**[213, 217], **AYZ**[154, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 120, 126, 131, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCD**[121], **BDD**[175], **BDO**[436], **BDR**[95], **BDY**[186, 199, 350, 436], **BDZ**[70, 199,	**AAC**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANT**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BGH**[213], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 157, 323], **BJW**[175], **BLQ**[55, 83, 300, 394, 416, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 175], **BOY**[137, 234], **BPR**[385]	**AQS**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDR**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIK**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Tyrannus albogularis	D, M	**ABM**[206], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[83, 385, 400], **BBP**[343], **BBS**[13, 81], **BEH**[99], **BER**[119], **BHL**[206], **BLQ**[417], **BOX**[166], **BOY**[234]	**ABC**[447], **ACQ**[447], **ACX**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **AHM**[447], **AMQ**[447], **AMS**[447], **ANP**[447], **ANV**[447], **AQS**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDG**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIQ**[447], **BIR**[447], **BJN**[447], **BKT**[447], **BNO**[447], **BOX**[447]
Tyrannus melancholicus	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADJ**[154], **AEK**[86, 175], **AFG**[419], **AGG**[5], **AGM**[154], **AGN**[10, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[155, 385], **ALW**[154], **AMY**[154], **ANU**[420], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[20, 154], **APY**[154], **AQW**[154, 346], **AQY**[6], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[148, 343], **BBS**[13, 54, 57, 70, 83, 119, 126, 131, 228, 435], **BBV**[119], **BBW**[94], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[70, 199, 280, 376], **BEF**[58], **BEG**[28, 364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFV**[154], **BGS**[177, 213], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 323], **BJW**[175], **BJZ**[66], **BLQ**[55, 394, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOX**[83, 86, 168, 175], **BOY**[234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADW**[447], **AEO**[447], **AEQ**[447], **AER**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **AHJ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Tyrannus savana	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AEE**[100], **AEK**[86], **AFG**[419], **AHS**[427], **AHV**[206], **AIN**[277], **AIR**[92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AMY**[154], **AOZ**[154], **AQW**[346], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[54, 57, 131, 228], **BBT**[104], **BBV**[119], **BBY**[145], **BCV**[175], **BDD**[175], **BDR**[95], **BDZ**[199, 280], **BEF**[58], **BEG**[28], **BER**[119], **BHL**[206], **BHN**[133], **BIO**[154], **BJS**[96], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMU**[83], **BMW**[68], **BNT**[385], **BOX**[83, 86, 168, 175], **BOY**[234]	**AAE**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADR**[447], **AEI**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AGW**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANX**[447], **ANY**[447], **ANZ**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BEM**[447], **BFK**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIK**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BKT**[447], **BKV**[447], **BMS**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BMT[447], **BMY**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Griseotyrannus aurantioatrocristatus	D	**AJQ**[385], **BLQ**[417]	**BCV**[447]
Empidonomus varius	D, M	**AAU**[206], **AAV**[350], **ABM**[206], **ADI**[154], **ADJ**[154], **AEK**[173, 431], **AHV**[206], **AIN**[344, 350, 436], **AIP**[350], **AJP**[213, 217], **AJQ**[83, 155, 385, 400], **AQY**[213], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[57, 83, 131, 175], **BBV**[119], **BBW**[94], **BCD**[121], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEG**[28], **BER**[119], **BFR**[213, 217], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[154], **BJW**[175], **BLQ**[394, 417], **BLS**[160], **BMO**[436], **BNU**[175], **BOQ**[350], **BOX**[83, 86, 168, 175], **BOY**[234, 236]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **ADW**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BEI**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Colonia colonus	D, M	**AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **AEK**[86], **AFG**[419], **AFR**[435], **AGQ**[116], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJX**[116], **ANU**[420], **APW**[175], **AQY**[6], **ARY**[213], **ATW**[96], **ATY**[155], **AXZ**[213, 217], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 83, 131, 435], **BBW**[94], **BDD**[175], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEH**[131, 358], **BER**[119], **BGU**[119], **BHL**[206], **BIO**[83, 154, 323], **BLQ**[55, 83, 155, 300, 394, 395, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 168, 175], **BOY**[137, 234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAQ**[447], **AAZ**[447], **ABC**[447], **ACQ**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AFW**[447], **AHM**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJR**[447], **BKQ**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Myiophobus fasciatus	D, M	**AAF**[206], **AAJ**[416], **AAN**[247, 435], **AAU**[206], **ABG**[385], **ABM**[206], **ADX**[206], **AES**[83], **AFG**[419], **AFJ**[119], **AFQ**[187], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 436], **AIP**[350], **AIQ**[119], **AIR**[92, 130, 379], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKQ**[116], **AMY**[154], **ANU**[420], **AOP**[154], **AOX**[154], **APR**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **AUZ**[175], **AWY**[155], **AYZ**[154, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 83, 131, 187, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BDR**[116], **BDT**[116], **BDY**[186, 199, 436], **BDZ**[199, 280], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BGM**[83], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 157, 177, 213, 438], **BLQ**[55, 155, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMU**[83], **BNT**[385], **BOT**[213, 217], **BOX**[86, 175], **BOY**[137, 234], **BPR**[385]	**AAF**[447], **AAQ**[447], **AAR**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ACX**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFL**[447], **AFW**[447], **AGW**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJR**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447]
Pyrocephalus rubinus	D, M	**AAU**[206], **AEZ**[322], **AIJ**[86], **AKQ**[116], **BBP**[343], **BBS**[131], **BDR**[116], **BEH**[131, 358], **BIO**[154], **BLQ**[55]	**AEQ**[447], **AES**[447], **AFQ**[447], **ALZ**[447], **AMQ**[447], **AQW**[447], **BJM**[447], **BKK**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Fluvicola albiventer	D	**ABM**[206], **AHV**[206], **BHL**[206]	**AAI**[447], **AMM**[447], **AMQ**[447]
Fluvicola nengeta	D, M	**AAF**[206], **AAS**[340], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AFG**[419], **AFJ**[119], **AHK**[83, 129], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[92, 130], **AJQ**[83, 155, 385], **AKU**[175], **ANU**[420], **AOX**[154], **APR**[154], **APX**[154], **AQW**[346], **ATW**[217], **AYZ**[70, 264, 266, 350, 436], **BBP**[148, 343], **BBS**[13, 54, 57, 83, 119, 126, 131, 228, 435], **BBT**[104], **BBV**[119], **BDO**[436], **BDY**[186, 199, 436], **BDZ**[199, 280, 376], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 323], **BJZ**[66], **BLQ**[55, 300, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAT**[447], **AAX**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **ADY**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHJ**[447], **AHN**[447], **AHP**[447], **AHQ**[447], **AIJ**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOR**[447], **AOS**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **ATV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHX**[447], **BIK**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJJ**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BJW**[447], **BKO**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Arundinicola leucocephala	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ADI**[154], **AGN**[10, 165], **AHS**[427], **AHV**[206], **AIJ**[175], **AIN**[277], **AIR**[130], **AJQ**[385], **ANY**[328], **APR**[154], **APS**[154], **APV**[154], **APX**[5, 20], **AQW**[154, 346], **AQY**[5, 6], **ATW**[116], **BBS**[54, 57, 126, 131, 228, 435], **BDR**[95, 116], **BDY**[99], **BDZ**[199, 280], **BEJ**[67], **BER**[119], **BFR**[213, 217], **BFV**[154], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154, 177, 213], **BJZ**[66], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BOX**[86, 168, 175]	**AAF**[447], **AAH**[447], **AAI**[447], **AAR**[447], **AAT**[447], **AAY**[447], **ACQ**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **ALZ**[447], **AMM**[447], **AMP**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BCV**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKV**[447], **BMT**[447], **BOR**[447], **BOX**[447]
Gubernetes yetapa	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AEK**[86], **AFG**[419], **AHM**[385], **AHO**[175], **AHV**[206], **AIR**[130], **AJP**[213, 217], **AJQ**[155, 385], **ATW**[119], **AYZ**[264], **BBP**[343], **BBS**[54, 57, 83, 131, 435], **BBV**[119], **BDR**[116], **BDZ**[280], **BEH**[131, 358], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BJY**[95], **BLQ**[394, 417], **BLS**[160], **BNT**[385], **BOT**[213, 217], **BOX**[168, 175], **BPR**[385]	**AAB**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **AAY**[447], **ABC**[447], **ABE**[447], **ACX**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFU**[447], **AHM**[447], **AHP**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANN**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANS**[447], **ANU**[447], **ANV**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			ANW[447], **ANX**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBY**[447], **BCI**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Cnemotriccus fuscatus	D, M	**AAV**[350], **ABM**[206], **AFG**[419], **AHM**[385], **AHV**[206], **AIN**[154, 344, 350], **AIP**[350], **AJQ**[385], **APX**[5], **AQW**[154, 346], **BBS**[126, 435], **BDY**[350], **BDZ**[280], **BEH**[131, 358], **BGU**[119], **BHL**[206], **BIO**[438], **BLQ**[394], **BLS**[160], **BNT**[385], **BOQ**[350], **BOY**[137, 234, 236]	**AEQ**[447], **AES**[447], **AEU**[447], **ANP**[447], **ANY**[447], **AQW**[447], **ART**[447], **BFX**[447], **BIO**[447], **BIU**[447], **BOX**[447]
Lathrotriccus euleri	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABN**[171], **ABU**[171], **ADX**[206], **AEK**[171, 175, 431], **AEU**[176], **AFG**[419], **AFH**[175], **AFR**[435], **AGI**[135], **AGJ**[135], **AHK**[83], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIO**[154], **AIP**[350], **AIQ**[119], **AIR**[92, 130, 379, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJU**[116], **AJY**[155], **AKL**[155], **AKQ**[116], **AKS**[175], **ALT**[175], **ANU**[420], **ARY**[83], **ASX**[86], **ASY**[171, 175, 239], **ATW**[213, 217], **AUZ**[175], **AWZ**[363], **AXZ**[213, 217], **AYZ**[436], **BBF**[131], **BBP**[343], **BBS**[57, 83, 126, 127, 128, 131, 385, 435], **BBV**[119], **BBW**[94], **BBY**[171, 175], **BCG**[83], **BDO**[436], **BDR**[116], **BDV**[171, 175], **BDY**[70, 96, 154, 186, 199, 350, 378, 436], **BDZ**[280], **BEE**[154], **BEF**[58], **BEG**[364], **BEH**[119, 131, 135, 358], **BEP**[83], **BER**[119], **BFS**[116], **BGU**[119], **BHL**[206], **BHN**[133], **BHU**[171], **BIO**[83, 154], **BLQ**[83, 155, 300, 394, 417], **BLS**[160], **BMO**[436], **BMR**[171], **BNT**[385], **BOQ**[83, 350], **BOX**[86, 171, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAE**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ACX**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AOR**[447], **AOT**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **BCV**[447], **BEI**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Contopus cinereus	D, M	**ABM**[206], **ADO**[20], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AIL**[436], **AIN**[165, 277, 344, 350, 436], **AIP**[350], **AJQ**[155, 385], **ATW**[116], **ATZ**[83], **AXZ**[213, 217], **BBP**[343], **BBW**[94], **BDO**[436], **BDR**[95, 116], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEH**[131, 358], **BFR**[213, 217], **BFT**[116], **BHL**[206], **BHY**[436], **BIO**[83, 154], **BLQ**[300, 394, 417], **BMO**[436], **BOQ**[350], **BOX**[86, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAE**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **ANO**[447], **ANP**[447], **AOT**[447], **AQR**[447], **ART**[447], **ARY**[447], **AXX**[447], **BBF**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Knipolegus cyanirostris	D, M	**ABM**[206], **AIN**[277, 344, 436], **BBP**[175, 343], **BBS**[187, 435], **BDR**[116], **BDY**[186, 436], **BDZ**[280], **BEF**[58], **BER**[119], **BHL**[206], **BIO**[154, 323], **BLO**[416], **BLQ**[55, 83, 155, 394, 416], **BOX**[86, 175], **BOY**[236]	**AAF**[447], **AAQ**[447], **ABE**[447], **AES**[447], **AEU**[447], **ANU**[447], **ANV**[447], **AQW**[447], **ART**[447], **AXX**[447], **BCV**[447], **BFK**[447], **BHU**[447], **BIO**[447], **BKT**[447], **BMM**[447], **BOX**[447]
Knipolegus lophotes	D, M	**AAN**[119, 247], **ABC**[131], **ABM**[206], **ACQ**[83], **AEK**[86], **AFG**[419], **AFR**[435], **AHV**[206], **AIN**[277, 344], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[385], **ATY**[155], **BBF**[131], **BBP**[148, 343], **BBS**[54, 57, 131], **BBV**[119, 155], **BDZ**[280], **BEF**[58], **BEH**[131], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154], **BJT**[36], **BJV**[175], **BLQ**[55, 177, 394, 395, 397, 416], **BLS**[160], **BOT**[213, 217], **BOX**[175]	**AAB**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFI**[447], **AFK**[447], **AFQ**[447], **AFW**[447], **AGX**[447], **AIJ**[447], **AMQ**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AOT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			AQS[447], **AQV**[447], **ARS**[447], **ART**[447], **ARY**[447], **ATU**[447], **AZZ**[447], **BBF**[447], **BCQ**[447], **BCT**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIP**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BOX**[447], **BPR**[447]
Knipolegus nigerrimus	D, M	**AAJ**[416], **AAN**[119, 247, 435], **ABM**[206], **AEE**[100], **AEK**[48], **AFG**[419], **AFJ**[119], **AFR**[83], **AHH**[83], **AIQ**[85], **AIR**[22, 92, 130], **AIW**[155], **AJP**[213, 217], **AJQ**[155, 385], **AYZ**[264, 266], **BBP**[343], **BBV**[155], **BBW**[155], **BDN**[83], **BDR**[95], **BDY**[436], **BEF**[58], **BHL**[206], **BKY**[416], **BLO**[416], **BLP**[83], **BLQ**[55, 83, 121, 155, 177, 244, 300, 301, 394, 397, 416, 417], **BLS**[160], **BOX**[168]	**AAF**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **ANP**[447], **ANS**[447], **ANU**[447], **AQW**[447], **ART**[447], **ARY**[447], **AXX**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BNO**[447]
Satrapa icterophrys	D, M	**AAF**[206], **ABM**[206], **AFJ**[119], **AHS**[427], **AIN**[277, 436], **AIR**[92], **AJP**[213, 217], **AJQ**[83, 155, 385], **AMR**[154], **AMY**[154], **ANU**[420], **AOP**[154], **AOX**[154], **AOZ**[154], **APQ**[154], **APR**[154], **APV**[154], **APX**[5, 154], **AQY**[154], **ARY**[213], **ATW**[116], **AYZ**[264, 350], **BBP**[343], **BBS**[54, 57, 83, 126, 131, 435], **BBV**[119], **BDT**[116], **BDZ**[280], **BEF**[58], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154], **BLQ**[55, 394, 417], **BLS**[160], **BMU**[83], **BOT**[213, 217], **BOX**[86, 175]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AHL**[447], **AIJ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Xolmis cinereus	D, M	**AAN**[247, 435], **AAU**[206], **ABG**[385], **ABM**[206], **AEK**[173], **AHV**[206], **AIN**[277], **AJQ**[385], **AYZ**[264, 266], **BBP**[343], **BBS**[57, 131], **BBT**[104], **BBV**[119], **BDN**[83], **BEF**[58], **BHL**[206], **BLQ**[55, 394, 397, 416], **BLS**[160], **BOX**[86, 168, 175]	**AAF**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AFI**[447], **AFQ**[447], **AFV**[447], **ALZ**[447], **AMQ**[447], **ANO**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ART**[447], **ATU**[447], **BFK**[447], **BHU**[447], **BIU**[447], **BJN**[447], **BNO**[447], **BOX**[447]
Xolmis velatus	D, M	**AAJ**[416], **AAN**[247], **ABC**[131], **ABG**[385], **ABM**[206], **AFG**[419], **AFJ**[119], **AHV**[206], **AIR**[130], **AJQ**[83, 385], **AKL**[155], **ATW**[116], **BBF**[131], **BBP**[343], **BBS**[57, 131], **BDN**[83], **BDR**[116], **BDZ**[280], **BEF**[58], **BER**[119], **BGU**[119], **BHL**[206], **BLQ**[55, 394], **BLS**[160], **BNT**[385], **BOX**[86, 168, 175]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEI**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANV**[447], **ANW**[447], **ANZ**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBI**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHX**[447], **BII**[447], **BIQ**[447], **BIR**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BIU[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Xolmis irupero	D	**BDZ**[99]	**AFL**[447], **ALZ**[447], **ANY**[447], **AQW**[447], **BEM**[447], **BJM**[447], **BMT**[447], **BPP**[447]
Muscipipra vetula	D, M	**AAN**[247, 435], **AAV**[350], **ABE**[175], **ABM**[206], **ADX**[206], **AIN**[350, 436], **AIP**[350], **AIQ**[85], **AIR**[22, 130], **AJQ**[385], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[57, 131], **BBW**[94], **BDY**[70, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[131, 358], **BER**[119], **BHL**[206], **BIO**[83, 154], **BLQ**[55, 83, 300, 394, 397, 416, 417], **BLS**[160], **BLY**[155], **BMO**[436], **BOQ**[350], **BOX**[86, 168, 175], **BOY**[234, 236]	**AAF**[447], **AAQ**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AGW**[447], **ANP**[447], **ANV**[447], **ARS**[447], **ART**[447], **ARY**[447], **AXX**[447], **BHU**[447], **BIO**[447], **BKT**[447], **BKV**[447]
Cyclarhis gujanensis	D, M	**AAF**[206], **AAJ**[416], **AAN**[187, 247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **ACN**[165], **ADX**[206], **AFG**[419], **AFJ**[119], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 83, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 385], **ANU**[420], **AOQ**[165, 305], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 83, 126, 131, 435], **BBV**[119], **BBW**[94], **BDO**[436], **BDR**[116], **BDY**[96, 186, 199, 350, 436], **BDZ**[96, 199, 280], **BEF**[58], **BEH**[119, 131, 358], **BER**[119], **BGM**[83], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[70, 83, 154, 165, 305, 323, 374], **BJZ**[66], **BLQ**[55, 83, 155, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOP**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[83, 86, 168, 175], **BOY**[137, 234], **BPR**[385]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **AZZ**[447], **BBY**[447], **BCV**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Hylophilus amaurocephalus	D, M	**AAF**[206], **AAN**[247], **ABM**[206], **AFG**[419], **AHM**[385], **AHT**[120], **AIQ**[85], **AIR**[83, 92, 385], **AJQ**[83, 385], **AJW**[155], **AJY**[155], **AKL**[155], **ALR**[165], **ANU**[420], **AOQ**[165, 305], **ASY**[87, 175], **AWZ**[363], **BBP**[175, 343], **BBS**[57], **BBW**[94], **BEF**[58], **BEH**[119, 358], **BER**[119], **BGU**[119], **BHL**[206], **BIO**[165, 305], **BLL**[155], **BLQ**[83, 155, 300, 394, 417], **BLS**[160], **BNT**[385], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **AAR**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFK**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **BCV**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIR**[447], **BJN**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BKX**[447], **BMY**[447], **BOX**[447]
Hylophilus poicilotis	D, M	**AAV**[350], **ABM**[206], **AHS**[427], **AHV**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[83, 130], **AOQ**[165], **BBF**[131], **BBP**[165, 175, 343], **BBS**[126, 131], **BDR**[116], **BDT**[116], **BDY**[96, 199, 350, 436], **BDZ**[99], **BEH**[131, 358], **BHL**[206], **BIO**[83, 154, 163, 177, 213], **BJW**[175], **BMO**[436], **BOQ**[350], **BOX**[175]	**AAF**[447], **ABE**[447], **ANU**[447], **BBM**[447], **BIO**[447]
Hylophilus thoracicus	D, M	**ABM**[206], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[96, 154, 344, 350, 436], **AJP**[217], **ATW**[96], **AXZ**[213, 217], **BBS**[13], **BDO**[436], **BDZ**[280], **BFR**[213, 217], **BHL**[206]	**AQW**[447], **BMT**[447]
Vireo chivi	D, M	**AAF**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ACN**[165], **ADI**[154], **ADJ**[154], **AEK**[431], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[385], **AKN**[165], **AMY**[154], **ANU**[420], **AOP**[154], **AOQ**[305], **AOZ**[154], **APR**[154], **APX**[165], **APY**[154],	**AAF**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **ANO**[447], **ANV**[447], **AOR**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AQW[346], **AQY**[213], **ATW**[116, 217], **AXZ**[213, 217], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 126, 131, 435], **BBV**[119], **BBW**[94], **BDQ**[154], **BDX**[165], **BDY**[199, 350, 436], **BDZ**[70, 96, 199, 280, 302], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[224], **BFT**[116], **BGS**[177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BLQ**[394, 417], **BLS**[160], **BNT**[385], **BOQ**[350], **BOX**[86], **BOY**[137, 234, 236]	**ASU**[447], **ASV**[447], **BCV**[447], **BEI**[447], **BFK**[447], **BIO**[447], **BIU**[447], **BIV**[447], **BJM**[447], **BJN**[447], **BKT**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Cyanocorax cristatellus	D	**AAN**[247], **AAU**[206], **AFJ**[119], **AHM**[72], **AHV**[206], **AIR**[130], **AJQ**[385], **BBV**[119], **BEF**[58], **BHL**[206], **BLQ**[394], **BLS**[160], **BOY**[234]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AFK**[447], **AFL**[447], **AGW**[447], **AHL**[447], **AMU**[447], **AMZ**[447], **ANS**[447], **ANU**[447], **ANV**[447], **AQS**[447], **ARS**[447], **ART**[447], **ASU**[447], **AZZ**[447], **BBY**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BFX**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BOX**[447]
Pygochelidon cyanoleuca	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ADO**[20], **AEK**[175], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIR**[22, 92, 121, 130, 385], **AJP**[213], **AJQ**[83, 155, 385, 400], **ANU**[420], **AQW**[346], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 35, 54, 57, 119, 126, 131, 435], **BBT**[104], **BBV**[119], **BDH**[35], **BDY**[70, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154, 165, 323, 438], **BJZ**[66], **BKY**[416], **BLQ**[55, 83, 155, 298, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOT**[213, 217], **BOX**[86, 168, 175, 293], **BPR**[385]	**AAF**[447], **AAQ**[447], **AAY**[447], **AAZ**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AHJ**[447], **AHK**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANS**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ATU**[447], **BCV**[447], **BDG**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIK**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Alopochelidon fucata	D, M	**AAN**[435], **ALR**[165], **BDH**[35], **BEF**[58], **BLS**[160], **BOX**[86]	**AHP**[447], **AMS**[447], **AQW**[447], **BOX**[447]
Stelgidopteryx ruficollis	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AES**[83], **AFG**[419], **AGG**[10], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKQ**[116], **ALW**[154], **ANU**[420], **APX**[20], **AQW**[346], **AQY**[6], **ATW**[116], **AXZ**[213, 217], **AYZ**[264, 266], **BBP**[343], **BBS**[13, 35, 54, 57, 70, 83, 96, 119, 126, 131, 175, 228, 385, 435], **BBV**[119], **BCD**[121], **BDH**[35], **BDR**[116], **BDY**[186, 199, 436], **BDZ**[5, 165, 199, 280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BFG**[155], **BGM**[83], **BGS**[177, 213], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[323], **BLQ**[55, 155, 301, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOT**[213, 217], **BOX**[86, 165, 168, 175, 293], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHK**[447], **AHL**[447], **AHM**[447], **AHP**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOR**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEI**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BJR[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Progne tapera	D, M	**AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **ACP**[154], **ADX**[206], **AEZ**[154], **AGQ**[116], **AHS**[427], **AHV**[206], **AIN**[344, 350, 436], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[83, 385, 402], **AKV**[154], **ALW**[154], **AMY**[154], **ANU**[420], **APR**[154], **APV**[154], **APW**[175], **APX**[20, 154], **AQW**[154, 346], **AQY**[6], **ATW**[116], **AXZ**[213, 217], **AYZ**[154], **BBP**[343], **BBS**[13, 35, 57, 70, 119, 126, 131, 228, 435], **BBT**[104], **BDD**[175], **BDH**[35], **BDR**[95], **BDY**[186, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[28, 364], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 323], **BJZ**[66], **BLQ**[417], **BMO**[436], **BMW**[68], **BNT**[385], **BNW**[175], **BOT**[213, 217], **BOX**[86, 165, 168, 175], **BOY**[234], **BPR**[385]	**AAI**[447], **AAQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGY**[447], **AHM**[447], **AHP**[447], **ALZ**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBC**[447], **BBM**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIK**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BKW**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Progne subis	D, M	**AAF**[206], **AIN**[350], **AQW**[154], **BDX**[154], **BDY**[436], **BDZ**[199, 280], **BHL**[206]	**AQW**[447], **BMT**[447]
Progne chalybea	D, M	**AAN**[247], **AAV**[350], **ABM**[206], **ACJ**[20], **AEK**[173], **AFG**[419], **AGG**[9, 10], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[130], **AJQ**[385], **ANU**[420], **AOQ**[165], **APX**[20, 165], **AQW**[154, 165, 346], **ATW**[96], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350, 436], **BBP**[343], **BBS**[54, 83, 126, 131, 385, 435], **BBT**[104], **BBV**[119], **BCV**[175], **BDH**[35], **BDY**[186, 199, 350, 436], **BDZ**[5, 165, 199, 280, 305, 375], **BEF**[58], **BEG**[28, 364], **BEJ**[67], **BER**[119], **BFV**[154], **BGS**[157, 177, 213], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154, 165, 323], **BJZ**[66], **BLQ**[417], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 168]	**AAE**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADX**[447], **AEQ**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHM**[447], **AHP**[447], **AMU**[447], **AMZ**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BFK**[447], **BHT**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Tachycineta albiventer	D, M	**AAU**[206], **AHS**[427], **AHV**[206], **AIN**[277], **AIR**[92, 130], **AOZ**[154], **APR**[154], **APS**[154], **APV**[154], **APX**[165], **AQW**[154, 346], **AQY**[6, 154], **AXZ**[213, 217], **BBS**[13, 35, 54, 57, 83, 126, 131, 228, 435], **BDD**[175], **BDH**[35], **BDO**[436], **BEF**[58], **BEG**[364], **BEJ**[67], **BFV**[154], **BLQ**[417], **BMW**[68], **BOX**[86]	**AAI**[447], **ADS**[447], **AES**[447], **AFL**[447], **AFU**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMZ**[447], **ANO**[447], **ANW**[447], **ANY**[447], **AQW**[447], **AST**[447], **ASU**[447], **BBF**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BHT**[447], **BIQ**[447], **BJM**[447], **BMT**[447], **BNO**[447]
Tachycineta leucorrhoa	D, M	**AAN**[247], **ABG**[385], **ABM**[206], **AEK**[86], **AFG**[419], **AHS**[427], **AIR**[92, 130], **APX**[154], **AQW**[346], **ARY**[213], **BBS**[13, 385], **BDZ**[199], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BMW**[68], **BOX**[86]	**AAF**[447], **AAQ**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFW**[447], **AMQ**[447], **AMU**[447], **ANV**[447], **ANZ**[447], **AQW**[447], **ARS**[447], **ART**[447], **ASU**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BDW**[447], **BEM**[447], **BHT**[447], **BHU**[447], **BIR**[447], **BJM**[447], **BJN**[447], **BJP**[447], **BKS**[447], **BKT**[447], **BOX**[447]
Riparia riparia	D, M	**AEZ**[154, 326], **AIN**[277], **APR**[154], **AYZ**[264, 266], **BBS**[35], **BDH**[35], **BDZ**[280], **BIO**[323]	**AQW**[447]
Hirundo rustica	D, M	**APR**[154], **APV**[154], **APX**[154], **AQW**[154, 346], **AYZ**[264, 266], **BDZ**[199, 280], **BEJ**[67], **BEP**[86], **BFV**[154], **BJZ**[66], **BMW**[68], **BNV**[86]	**AQW**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Troglodytes musculus	D, M	**AAF**[206], **AAJ**[416], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADG**[21], **ADX**[206], **AFG**[419], **AFJ**[119], **AFR**[435], **AGM**[154], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119, 120], **AIR**[22, 83, 92, 130, 385], **AJP**[213], **AJQ**[83, 155, 385], **AKN**[165], **ALR**[165], **AMY**[154], **ANU**[420], **AOQ**[165], **APX**[154, 165], **AQW**[154, 346], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 119, 126, 131, 228, 385, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCD**[121], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[199, 280, 376], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGU**[119], **BGV**[213, 217], **BHI**[164], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 165, 323], **BLQ**[55, 83, 155, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOX**[86, 168, 175, 293], **BOY**[137, 234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAZ**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADS**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **AHJ**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANX**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BEM**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPP**[447]
Campylorhynchus turdinus	D, M	**AAU**[206], **ABM**[206], **AFM**[381], **AGG**[165], **AHV**[206], **APV**[154], **APY**[154], **AQW**[154], **AQY**[195], **BDZ**[70, 96, 199, 280], **BEE**[70, 96], **BEN**[142], **BFV**[165], **BGS**[177, 213], **BHL**[206]	**AQW**[447], **BMT**[447]
Pheugopedius genibarbis	D, M	**AAF**[206], **AAS**[340], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACN**[165], **AFM**[381], **AHM**[385], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AJX**[116], **AKN**[165], **AKQ**[116], **ALW**[154], **AMR**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **APR**[154], **APV**[154], **APX**[165], **APY**[154], **AQW**[165, 346], **ATW**[116, 213, 217], **AXZ**[213, 217], **BBS**[54, 57, 70, 83, 96, 119, 124, 126, 128, 131, 228, 385, 435], **BCD**[121], **BCG**[83], **BDO**[436], **BDR**[95], **BDT**[116], **BDY**[436], **BDZ**[70, 199, 280], **BEF**[58], **BEG**[364], **BEH**[120, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFG**[224], **BGS**[177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154], **BJT**[36], **BMO**[436], **BMW**[68], **BNT**[385], **BOV**[154], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **ABC**[447], **ACX**[447], **ADM**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **ALT**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **AZZ**[447], **BEI**[447], **BEP**[447], **BET**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BMS**[447], **BMT**[447], **BNO**[447]
Donacobius atricapilla	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ACN**[165], **ADI**[154], **AEK**[86], **AES**[83], **AGG**[8, 10, 165], **AGK**[157, 177, 213], **AGM**[154], **AGQ**[116], **AHK**[129], **AHM**[72], **AHV**[206], **AIN**[277], **AJQ**[385], **AMR**[154], **AOQ**[165], **AOX**[154], **APR**[154], **APX**[154, 165], **AQW**[346], **AXZ**[213, 217], **AYZ**[264, 266], **BBP**[343], **BBS**[54, 57, 70, 131, 435], **BDR**[95, 116, 165], **BDZ**[5, 165, 199, 280, 305], **BEH**[131, 358], **BEJ**[67], **BER**[119, 121], **BFR**[213, 217], **BFV**[154, 165], **BGL**[213, 217], **BHL**[206], **BIO**[154, 165], **BIX**[224], **BLQ**[394], **BLS**[160], **BMW**[68], **BMZ**[154], **BNT**[385], **BPR**[385]	**AAE**[447], **AAF**[447], **AAI**[447], **AAT**[447], **ACX**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AGO**[447], **AHM**[447], **ALZ**[447], **AMM**[447], **AMP**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANQ**[447], **ANW**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447], **ASV**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BFK**[447], **BGY**[447], **BHT**[447], **BHW**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BKQ**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Ramphocaenus melanurus	D, M	**ACN**[165], **AFL**[116], **AIN**[344], **APX**[5, 165], **AQY**[212], **ATW**[217], **AWW**[154], **BBS**[57, 131], **BDZ**[70, 199], **BEE**[70, 96], **BEH**[131, 358], **BEN**[142], **BGS**[165], **BGV**[217]	**AQV**[447], **AQW**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Polioptila plumbea	D, M	**ABH**[155], **ABI**[155], **AJW**[155], **BNT**[385]	**ALZ**[447], **BIJ**[447], **BJQ**[447], **BJR**[447]
Polioptila dumicola	D	**BER**[119]	**BHT**[447], **BJQ**[447]
Cichlopsis leucogenys	D, M	**AHS**[427], **AIN**[154, 277, 344, 350], **AIP**[350], **BDY**[12, 70, 186, 199, 318, 350, 436], **BGM**[83], **BIO**[83, 116, 154, 165, 251], **BOQ**[350]	**BIO**[447]
Turdus flavipes	D, M	**AAV**[350], **ABM**[206], **ABR**[219], **ACH**[154], **AFG**[419], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[385], **AKN**[165], **ANU**[420], **AOO**[154], **AOP**[154], **AOQ**[165], **ATW**[213, 217], **AUZ**[83], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350, 436], **BBP**[343], **BBS**[57, 124, 126, 128, 131], **BBW**[94], **BDR**[95], **BDY**[70, 154, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BER**[119], **BFR**[213, 217], **BHL**[206], **BIO**[83, 154, 165, 438], **BJZ**[66], **BLQ**[55, 83, 155, 300, 301, 394, 416], **BMO**[436], **BOQ**[350], **BOX**[175], **BOY**[234, 236]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ADL**[447], **AES**[447], **AGW**[447], **AHI**[447], **AMS**[447], **ANO**[447], **ANU**[447], **ANV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BEI**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BMM**[447], **BMT**[447], **BOX**[447]
Turdus leucomelas	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADX**[206], **AEK**[173, 175, 339, 431], **AEU**[83], **AFG**[419], **AFR**[435], **AGI**[135], **AGJ**[135], **AGR**[175], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AII**[38], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJX**[116], **AKQ**[116], **ALR**[165], **ANU**[420], **AOQ**[165], **ARY**[176], **ASY**[87], **AXZ**[213], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 70, 83, 119, 126, 131, 135, 175, 187, 228, 385], **BBT**[104], **BBV**[119], **BBW**[94], **BBY**[145], **BDX**[165], **BDY**[186, 350, 436], **BEF**[58], **BEG**[364], **BEH**[119, 131, 135, 358], **BER**[119], **BEW**[155], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 165, 323], **BJZ**[66], **BLQ**[55, 155, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOX**[86, 168, 175], **BOY**[234], **BOZ**[154], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDG**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BIV**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Turdus fumigatus	D, M	**ABM**[206], **ADI**[154], **AEZ**[154], **AGM**[154], **AIN**[277], **AKN**[165], **ALW**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APS**[154], **APX**[165], **AQW**[20, 96, 154, 165], **AYZ**[70, 264, 266], **BDZ**[70, 199, 280], **BEE**[70, 96, 355], **BEN**[142], **BGS**[165], **BHL**[206], **BIO**[154]	**AQW**[447], **BMT**[447]
Turdus rufiventris	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ACE**[154], **ACG**[154], **ACN**[165], **ADI**[154], **ADX**[206], **AEK**[175, 431], **AFG**[419], **AFJ**[119], **AFQ**[187], **AFR**[435], **AFS**[83], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[427], **AHV**[206], **AII**[38], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[22, 92, 130, 379, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKN**[165], **AKQ**[116], **ALR**[165], **ANO**[213, 217], **ANU**[154, 420], **AOO**[154], **APX**[165], **AQW**[154, 165], **ARV**[155], **ARY**[176], **ASY**[87], **ATW**[96, 116], **AXZ**[213, 217], **AYZ**[70, 83, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 119, 124, 126, 128, 131, 135, 228, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCV**[175], **BDR**[95, 116, 165], **BDY**[96, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 135, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGU**[119], **BHI**[164], **BHL**[206], **BHN**[133], **BIO**[96, 154, 165, 323, 374], **BIY**[20], **BJZ**[66], **BLQ**[55, 83, 155, 300, 301, 394, 416, 417], **BLS**[160], **BMO**[436], **BMZ**[154],	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHZ**[447], **BII**[447], **BIO**[447], **BIU**[447], **BIZ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BNT[385], **BNZ**[83], **BOP**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 86, 168, 175], **BOY**[234], **BOZ**[154]	**BJK**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BJU**[447], **BKO**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Turdus amaurochalinus	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ADI**[154], **AEK**[175, 431], **AEZ**[154], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AII**[38], **AIN**[277, 344, 350, 436], **AIR**[22, 92, 130, 379, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKN**[165], **ALQ**[165], **ALW**[154], **AMR**[154], **ANU**[420], **AOX**[154], **AQW**[154, 165, 346], **ARY**[175], **ASY**[87], **ATW**[96], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 126, 131, 187, 228, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BDR**[116, 165], **BDX**[165], **BDY**[154, 186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGM**[83], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154, 157, 165, 323, 374], **BLQ**[55, 155, 300, 301, 394, 417], **BLS**[160], **BMO**[436], **BMU**[83], **BMW**[68], **BNT**[385], **BNZ**[83], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 86, 168, 175], **BOY**[234], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHI**[447], **ALT**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Turdus subalaris	D, M	**AAZ**[327], **AFR**[327], **AHK**[327], **AIR**[83, 92, 130], **AJQ**[385], **AKX**[155], **ASY**[175], **BBF**[131], **BBW**[94], **BEF**[58], **BLQ**[155, 394]	**AAF**[447], **AEU**[447], **ANO**[447], **ANV**[447], **ARY**[447], **BFX**[447], **BHU**[447], **BIO**[447], **BKT**[447]
Turdus albicollis	D, M	**AAN**[247], **AAV**[350], **ABC**[131], **ABM**[206], **ADX**[206], **AFG**[419], **AFQ**[187], **AGG**[10, 165], **AHS**[427], **AHT**[120], **AHV**[206], **AII**[38], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119], **AIR**[22, 92, 130, 379], **AJP**[213, 217], **AJQ**[83, 155, 385], **ANU**[420], **AOP**[154], **AQW**[346], **ARV**[155], **ASY**[87, 175], **AWY**[155], **AYZ**[70, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBW**[94], **BDY**[96, 154, 186, 199, 350, 436], **BDZ**[280], **BEE**[70], **BEF**[58], **BEN**[142], **BGS**[157, 177, 213], **BHL**[206], **BHN**[133], **BIO**[83, 96, 154, 165, 323, 438], **BIY**[20], **BLQ**[55, 83, 155, 300, 301, 394, 417], **BMO**[436], **BOQ**[350], **BOX**[29, 86, 168, 175], **BOY**[234, 236]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **AEQ**[447], **AEU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ATU**[447], **AXX**[447], **BCV**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BKT**[447], **BKW**[447], **BOX**[447]
Mimus gilvus	D, M	**AQW**[346], **BDX**[165], **BDZ**[280], **BEJ**[67], **BMW**[68]	**AQW**[447]
Mimus saturninus	D, M	**AAJ**[416], **AAN**[247, 435], **AAU**[206], **ABE**[175], **ABG**[385], **ABM**[206], **AEK**[173, 175], **AFG**[419], **AFJ**[119], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 436], **AIR**[22, 92, 130, 385], **AJQ**[155, 385], **ANU**[420], **AOP**[154], **AOX**[154], **AOZ**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **AXZ**[213, 217], **AYZ**[264, 266, 350], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 126, 131, 435], **BBT**[104], **BBV**[119], **BDR**[116], **BDY**[186, 199, 436], **BDZ**[199, 280], **BEE**[96], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BER**[119], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[83, 154, 323], **BJW**[175], **BJZ**[66], **BKY**[416], **BLQ**[55, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMU**[83], **BMW**[68], **BNT**[385], **BOX**[86, 168, 175], **BOY**[202, 234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAH**[447], **AAQ**[447], **AAT**[447], **AAY**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **ADX**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AHJ**[447], **AHL**[447], **AHP**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQR**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDW**[447], **BEI**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BHV[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIZ**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BJU**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Anthus lutescens	D, M	**ABG**[385], **ABM**[206], **AIR**[130], **AKN**[165], **APX**[165], **AQW**[346], **AQY**[213], **AYZ**[264], **BBP**[343], **BBS**[54, 57, 126, 131], **BDR**[116], **BDZ**[280], **BEG**[364], **BEJ**[67], **BFV**[165], **BHL**[206], **BJZ**[66], **BMW**[68], **BOX**[86, 175]	**AAF**[447], **AAY**[447], **AEQ**[447], **AFL**[447], **AFU**[447], **AMS**[447], **AMU**[447], **ANV**[447], **AQW**[447], **ARS**[447], **ASU**[447], **BDR**[447], **BHW**[447], **BIQ**[447], **BJM**[447], **BMS**[447], **BMT**[447]
Anthus hellmayri	D, M	**AAN**[83, 119, 238, 247, 435], **AEJ**[83, 416], **BLQ**[300, 395, 417], **BLS**[160], **BOX**[83]	**AEU**[447], **AFQ**[447], **BHU**[447]
Zonotrichia capensis	D, M	**AAF**[206], **AAJ**[416], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABI**[155], **ABM**[206], **ADX**[206], **AEK**[173], **AFG**[419], **AFO**[155], **AFR**[435], **AGG**[10, 165], **AGL**[116], **AHS**[427], **AHV**[206], **AIN**[277, 344, 436], **AIQ**[85, 119], **AIR**[22, 80, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **ANU**[420], **APX**[5], **AQW**[346], **AQY**[6], **ARY**[176], **ASY**[175], **AUZ**[175], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 57, 83, 126, 131, 187, 435], **BBV**[119, 155], **BBW**[94], **BDY**[96, 186, 199, 436], **BDZ**[5, 280], **BEF**[58], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGU**[119], **BHI**[164], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 323], **BJZ**[66], **BKY**[416], **BLQ**[55, 83, 121, 155, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[86, 168, 175], **BPR**[385]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAT**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHP**[447], **AIJ**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANS**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BBF**[447], **BCV**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHZ**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BIV**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BJU**[447], **BKK**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Ammodramus humeralis	D, M	**AAJ**[416], **AAN**[247, 435], **AAU**[206], **ABG**[385], **ABM**[206], **AFG**[419], **AFR**[435], **AHV**[206], **AIJ**[175], **AIN**[277], **AIR**[130], **AJQ**[385], **AMR**[154], **AOX**[154], **APY**[154], **AQW**[154, 346], **AQY**[213], **ATW**[119], **BBP**[343], **BBS**[83, 126, 131], **BBT**[104], **BBV**[119], **BDZ**[199], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHY**[436], **BLQ**[55, 394, 417], **BLS**[160], **BMW**[68], **BNT**[385], **BOX**[86], **BPR**[385]	**AAF**[447], **AAQ**[447], **AAX**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AFW**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANR**[447], **ANS**[447], **ANV**[447], **ANW**[447], **AOR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDR**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Arremon taciturnus	D, M	**AAU**[206], **ABC**[131], **ABM**[206], **ABR**[219], **AGG**[5, 10, 165], **AHS**[427], **AHV**[206], **AIN**[344, 350], **AIP**[350], **AQY**[6], **ASX**[86], **AYZ**[264, 266], **BBF**[131], **BBS**[57, 131], **BDZ**[96, 199, 280], **BEH**[131, 358], **BGS**[156, 177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BIO**[83, 154], **BNS**[165], **BOX**[29, 86, 175], **BOY**[234]	**AAF**[447], **AES**[447], **AFU**[447], **ANU**[447], **AQV**[447], **AQW**[447], **BIO**[447], **BJM**[447], **BJR**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Arremon semitorquatus	D, M	**AAU**[206], **ABM**[206], **ABS**[153], **AFG**[419], **AFR**[435], **AHV**[206], **AIN**[436], **AIQ**[119], **AIY**[153], **AKL**[153], **ANU**[420], **AOQ**[305], **AVV**[155], **BBP**[343], **BFY**[153], **BHL**[206], **BOO**[155], **BOY**[236]	**AAF**[447], **ABC**[447], **ABE**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEV**[447], **AGW**[447], **AHM**[447], **ANP**[447], **ANV**[447], **AQS**[447], **ART**[447], **ARY**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BII**[447], **BIR**[447], **BKT**[447], **BKV**[447], **BOX**[447], **BPR**[447]
Arremon flavirostris	D	**AIR**[92, 130], **BBW**[94], **BLQ**[55, 394]	**ADR**[447], **ANP**[447], **ANV**[447], **BIR**[447], **BJN**[447]
Setophaga pitiayumi	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **ADJ**[154], **ADX**[206], **AEM**[154], **AGM**[154], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[344, 350], **AIP**[350], **AIQ**[85], **AKN**[165], **ALP**[165], **ANU**[420], **AOP**[154], **AOQ**[165, 305], **APR**[154], **APX**[154], **AQW**[154], **AYZ**[436], **BBS**[57, 131], **BBV**[119], **BDO**[436], **BDQ**[154], **BDY**[199, 350], **BDZ**[70, 96, 199, 280], **BEE**[70], **BEH**[131, 358], **BEN**[142], **BER**[119], **BGS**[177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHY**[436], **BIO**[154], **BMO**[436], **BOQ**[350], **BOV**[154], **BOY**[137]	**AAF**[447], **AAI**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AMQ**[447], **ANQ**[447], **ANW**[447], **AQV**[447], **AQW**[447], **BIO**[447], **BIR**[447], **BJM**[447], **BKK**[447], **BKT**[447], **BMT**[447]
Geothlypis aequinoctialis	D, M	**AAJ**[416], **AAN**[247, 435], **AAU**[206], **ABM**[206], **ACN**[165], **ACQ**[83], **ADI**[154], **ADX**[206], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[344, 436], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[83, 385], **AKN**[165], **AKT**[154], **ALR**[165], **AMY**[154], **ANU**[420], **AOP**[154], **AOQ**[305], **APS**[154], **APV**[154], **APX**[165], **AQW**[346], **ATW**[96], **AWY**[155], **AXZ**[213], **BBF**[131], **BBP**[343], **BBS**[57, 131], **BDN**[83], **BDR**[116], **BDX**[165], **BDY**[199, 436], **BDZ**[199, 280], **BEF**[58], **BEH**[131, 358], **BEJ**[67], **BGJ**[154], **BHL**[206], **BHN**[133], **BIO**[83, 154, 156, 165, 177, 213, 305], **BJZ**[66], **BLQ**[55, 83, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BOP**[83], **BOX**[86, 175]	**AAF**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AGW**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANY**[447], **AQS**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIU**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BOX**[447]
Basileuterus culicivorus	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **ABW**[155], **ADO**[20], **ADX**[206], **AEK**[339, 431], **AFG**[419], **AFJ**[119], **AFR**[435], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AII**[38], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[74, 85, 119, 120], **AIR**[83, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJY**[155], **AKR**[155], **ANU**[420], **AQW**[346], **ARV**[155], **ARY**[83, 176], **ASX**[86], **ASY**[65, 87, 235], **ATV**[155], **AUY**[155], **AUZ**[83], **AYZ**[350, 436], **BBF**[131], **BBP**[343], **BBS**[57, 83, 119, 131], **BBT**[104], **BBV**[119], **BBW**[94], **BDR**[95, 116, 165], **BDY**[96, 186, 199, 350, 436], **BEF**[58], **BEH**[83, 119, 120], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133, 155], **BIO**[70, 83, 154, 156, 165, 305], **BJT**[36], **BLQ**[55, 83, 155, 300, 394, 417], **BLS**[160], **BLY**[155], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOU**[165], **BOX**[29, 168, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFQ**[447], **AGW**[447], **AGY**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **AXX**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMM**[447], **BMS**[447], **BNO**[447], **BOX**[447]
Myiothlypis flaveola	D, M	**ACY**[10, 165], **AFG**[419], **AFZ**[83], **AHM**[385], **AII**[38], **AIR**[83, 92, 385], **AJQ**[83, 155, 385], **AJY**[155], **AUY**[155], **BBV**[119], **BBW**[94], **BDR**[116], **BEF**[58], **BER**[119], **BLQ**[300, 394, 417], **BLS**[160], **BNT**[385], **BPR**[385]	**AAZ**[447], **ABC**[447], **ACQ**[447], **ADR**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AHM**[447], **AMS**[447], **ANP**[447], **ARY**[447], **BCV**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIV**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BNO**[447]
Myiothlypis leucoblephara	D, M	**AII**[38], **BBW**[94], **BLQ**[83, 155, 300, 394, 417]	**AEU**[447], **ANV**[447], **ARY**[447], **BHU**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Psarocolius decumanus	D, M	**AAU**[206], **ABC**[131], **ABM**[206], **ABR**[219], **ADJ**[154], **AFY**[5, 10, 165], **AGG**[9], **AHV**[206], **AIL**[165], **AIN**[277, 436], **AIR**[92, 130, 385], **AJQ**[83, 155, 385], **AKN**[165], **AMR**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **AOX**[154], **APQ**[154], **APR**[154], **APV**[154], **APY**[154], **AQW**[154, 165], **AQY**[5, 6, 213], **ATW**[213, 217], **AXZ**[213, 217], **AYZ**[264], **BBP**[343], **BBS**[57, 131], **BBW**[94], **BDR**[95, 116, 165], **BDY**[186, 436], **BDZ**[199, 280, 305], **BEJ**[67], **BER**[119], **BFR**[175], **BGS**[177, 213], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[154, 165], **BLQ**[55, 83, 300, 394, 417], **BLS**[160], **BOQ**[350], **BOX**[168], **BOY**[236]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **ADX**[447], **AEU**[447], **AFL**[447], **AFU**[447], **AFW**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **AST**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDG**[447], **BFX**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BJM**[447], **BJN**[447], **BKT**[447], **BKV**[447], **BOX**[447], **BPP**[447]
Cacicus haemorrhous	D, M	**AAF**[206], **AAU**[206], **ABC**[131], **ABM**[206], **ADJ**[154], **ADK**[154], **AES**[83], **AFL**[165], **AFM**[381], **AGG**[165], **AGM**[154], **AHK**[83], **AHM**[385], **AHV**[206], **AJP**[213, 217], **AJQ**[385], **AKQ**[116], **ALO**[154], **AMR**[154], **ANU**[420], **AOP**[154], **AOQ**[165], **AOX**[154], **AOZ**[154], **APQ**[154], **APR**[154], **APS**[154], **APV**[154], **APX**[154, 156, 165], **APY**[154], **AQW**[10, 154, 165, 346], **AQY**[5, 6], **ARY**[213], **ATW**[96, 116], **AXZ**[213, 217], **AYZ**[264], **BBP**[343], **BBS**[13, 54, 57, 70, 81, 82, 83, 119, 126, 131, 175, 228, 379, 385, 435], **BBV**[119], **BDD**[175], **BDO**[436], **BDR**[95, 116, 165], **BDY**[186, 199], **BDZ**[70, 96, 199, 280, 302], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BEP**[86], **BER**[119], **BFR**[213, 217], **BFV**[154, 165], **BGS**[177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[154, 165, 323], **BKL**[154, 436], **BKR**[86], **BLQ**[83, 155, 301, 395], **BLS**[160], **BMW**[68], **BNR**[155], **BNT**[385], **BOX**[168, 175], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAZ**[447], **ABB**[447], **ABC**[447], **ACJ**[447], **ADM**[447], **ADS**[447], **ADW**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHK**[447], **AHM**[447], **AHP**[447], **AHY**[447], **ALT**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANX**[447], **ANY**[447], **AOR**[447], **AOS**[447], **AQV**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **BBM**[447], **BCV**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BJU**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BPP**[447], **BPR**[447]
Icterus pyrrhopterus	D, M	**AGG**[10], **AQY**[6], **AYZ**[264], **BDP**[154], **BDZ**[280], **BEG**[28], **BGS**[156, 177, 213], **BHY**[154], **BIO**[154]	**ADR**[447], **AQW**[447], **BMT**[447]
Icterus jamacaii	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ACC**[154], **ACW**[421], **AHM**[385], **AHV**[206], **AIL**[154], **AJQ**[385], **AOQ**[421], **BEG**[364], **BER**[119], **BFU**[421], **BGU**[119], **BHI**[154], **BHL**[206], **BHM**[421], **BIO**[154, 323], **BJT**[36], **BLQ**[394], **BNT**[385], **BOZ**[154], **BPQ**[154], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **ABC**[447], **ACJ**[447], **ADM**[447], **ADR**[447], **ADX**[447], **AEL**[447], **AEP**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFL**[447], **AFU**[447], **AFW**[447], **AGO**[447], **AHJ**[447], **AHQ**[447], **AHY**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATT**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCG**[447], **BCT**[447], **BCY**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHW**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BJU**[447], **BKK**[447], **BKO**[447], **BKQ**[447], **BKS**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BMS**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BMT[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPR**[447]
Gnorimopsar chopi	D, M	**AAF**[206], **AAL**[154, 436], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ACO**[154], **AEK**[173], **AEM**[154], **AFJ**[119], **AFL**[165], **AFM**[381], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIR**[92, 130], **AJQ**[155, 385], **ALR**[165], **ANU**[420], **AOP**[154], **AOX**[154], **AOZ**[154], **APV**[154], **AQW**[346], **AQY**[6], **AXZ**[213, 217], **AYZ**[154, 264, 266], **BBF**[131], **BBP**[343], **BBS**[54, 57, 126, 131], **BBT**[104], **BBV**[119], **BDO**[436], **BDY**[186], **BDZ**[199, 280], **BEF**[58], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154, 323], **BJW**[175], **BJZ**[66], **BLQ**[55, 83, 394, 417], **BLS**[160], **BMQ**[151], **BMW**[68], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 165, 168, 175], **BOY**[234], **BPR**[385]	**AAB**[447], **AAF**[447], **AAQ**[447], **AAT**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBF**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIK**[447], **BIO**[447], **BIQ**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Anumara forbesi	D, M	**AGQ**[116], **AJU**[116, 308], **AKL**[151], **ART**[151], **ATW**[96], **AXZ**[73], **BBS**[23, 57, 73, 83, 131, 158, 371, 433, 435], **BCC**[64], **BDR**[194, 308], **BES**[151], **BFT**[95, 116], **BMQ**[151]	**AAQ**[447], **AHK**[447], **AHM**[447], **AMS**[447], **ART**[447], **ASV**[447], **BDW**[447], **BHT**[447], **BPR**[447]
Agelasticus cyanopus	D, M	**ADI**[154], **AKT**[154], **AOZ**[154], **AQW**[346], **BBS**[57, 131, 435], **BDZ**[199, 280], **BEJ**[67], **BMW**[68]	**BEP**[447], **BIO**[447], **BIQ**[447], **BIU**[447]
Chrysomus ruficapillus	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **ACO**[154], **AEG**[144], **AEK**[86], **AFG**[419], **AFK**[144], **AHM**[72], **AHV**[206], **AIR**[130], **AJQ**[155, 385], **ANR**[154], **ANU**[420], **AQW**[346], **BBF**[131], **BBP**[343], **BBS**[54, 57, 131], **BBT**[104], **BBY**[144], **BDZ**[199, 280], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BJS**[96], **BJZ**[66], **BLQ**[394, 417], **BMW**[68], **BNT**[385], **BOX**[86, 144, 175, 293], **BOY**[145]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABB**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **ADW**[447], **ADY**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGO**[447], **AGW**[447], **AGY**[447], **AHJ**[447], **AHM**[447], **AHP**[447], **AHQ**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANT**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASZ**[447], **ATU**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKO**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BNQ**[447], **BOR**[447], **BOX**[447], **BPR**[447]
Pseudoleistes guirahuro	D, M	**AAN**[247, 435], **AJQ**[385], **ALR**[165], **ARY**[165], **BBP**[343], **BEF**[58], **BLQ**[417], **BLS**[160]	**AAB**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ACQ**[447], **ADR**[447], **ADV**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFQ**[447], **AIJ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			ASU[447], **BBY**[447], **BCI**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BFK**[447], **BFX**[447], **BHU**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BNO**[447], **BOX**[447]
Molothrus rufoaxillaris	D	**AJQ**[385]	**AEQ**[447], **AEU**[447], **AFL**[447], **AHM**[447], **AQV**[447], **AQW**[447], **BHU**[447], **BII**[447], **BIQ**[447], **BJM**[447]
Molothrus oryzivorus	D, M	**ADI**[154], **AIN**[277], **ANU**[420], **APV**[154], **APX**[165], **AQW**[154], **AYZ**[264], **BBS**[131, 435], **BDZ**[280], **BEV**[165], **BIO**[154]	**AAF**[447], **AEV**[447], **AFL**[447], **ANV**[447], **AQV**[447], **AQW**[447], **ART**[447], **BCV**[447], **BFX**[447], **BIR**[447], **BKT**[447]
Molothrus bonariensis	D, M	**AAN**[247], **AAU**[206], **ABM**[206], **ACC**[154], **ACN**[165], **AEK**[175], **AFG**[419], **AFM**[381], **AGG**[10, 165], **AGQ**[116], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIR**[92, 130], **AJQ**[83, 155, 385], **AKN**[165], **ANU**[420], **APX**[5, 165], **AQW**[346], **AQY**[6], **ARY**[213], **ATW**[116], **AYZ**[264, 266, 436], **BBP**[343], **BBS**[54, 57, 126, 131], **BBT**[104], **BDR**[116], **BDY**[199, 436], **BDZ**[5, 199, 280, 376], **BEF**[58], **BEG**[28], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[96, 154, 323], **BJZ**[66], **BKY**[416], **BLQ**[55, 155, 244, 245, 301, 394], **BLS**[160], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOT**[213, 217], **BOX**[86, 168, 175], **BOY**[145, 234], **BPR**[385]	**AAC**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAT**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **AIJ**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKT**[447], **BKW**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Sturnella superciliaris	D, M	**AAU**[206], **ABG**[385], **ABM**[206], **AHV**[206], **AIL**[154, 436], **AIN**[277], **AIR**[130], **AKQ**[116], **AMY**[154], **ANU**[420], **AOX**[154], **APQ**[154], **APR**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **BBP**[343], **BBS**[57, 119, 131], **BDR**[116], **BDZ**[199, 280], **BEH**[131, 358], **BEJ**[67], **BGU**[119], **BHL**[206], **BHY**[436], **BIO**[83, 154], **BJZ**[66], **BMW**[68], **BOX**[86]	**AAF**[447], **AAI**[447], **ACJ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANR**[447], **ANT**[447], **ANW**[447], **ANZ**[447], **AOS**[447], **AQR**[447], **AQV**[447], **AQW**[447], **ART**[447], **AST**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBB**[447], **BBM**[447], **BBZ**[447], **BCV**[447], **BDR**[447], **BFK**[447], **BIL**[447], **BIQ**[447], **BJM**[447], **BJS**[447], **BKK**[447], **BKQ**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BPP**[447]
Porphyrospiza caerulescens	D, M	**BLQ**[55], **BLS**[160]	**ANS**[447]
Orchesticus abeillei	D, M	**AOQ**[165], **BBP**[175, 383], **BIO**[83, 154]	**ABE**[447]
Pipraeidea melanonota	D, M	**AAN**[247, 435], **ABM**[206], **AHS**[427], **AIN**[277, 350, 436], **AIP**[350], **AIR**[130], **AJQ**[385], **AXZ**[213, 217],	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADS**[447], **AEQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AYZ[264, 266], **BBP**[343], **BBS**[54, 57, 124, 126, 128, 131], **BBW**[94], **BDY**[350, 436], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154], **BLQ**[55, 83, 394, 416], **BOQ**[350], **BOX**[86, 175], **BOY**[137, 234, 236]	**AES**[447], **AFQ**[447], **AFW**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **BCV**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMY**[447], **BNO**[447], **BOX**[447]
Stephanophorus diadematus	D, M	**BBP**[175, 343], **BLO**[416], **BLQ**[416]	**ABE**[447]
Cissopis leverianus	D, M	**AAU**[206], **ABC**[131], **ABE**[86], **ABM**[206], **AHM**[385], **AHV**[206], **AIN**[277], **AIQ**[85, 119], **AIR**[130], **AJP**[213, 217], **AJQ**[155, 385], **ALM**[175], **AMS**[177], **ANU**[420], **AOQ**[165], **AQY**[6], **AXZ**[213, 217], **AYZ**[264], **BBP**[343], **BBS**[54, 57, 126, 131, 435], **BDQ**[154], **BDR**[95, 116, 165], **BDY**[99], **BDZ**[280], **BEH**[119, 131, 358], **BER**[119], **BFS**[116], **BGS**[177, 213], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[154], **BLQ**[55, 83, 300, 394, 417], **BNT**[385], **BOX**[168, 175], **BOY**[234, 236], **BPR**[385]	**AAB**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHM**[447], **ALT**[447], **AMS**[447], **ANP**[447], **ANU**[447], **ART**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BJR**[447], **BJU**[447], **BKQ**[447], **BMM**[447], **BNO**[447], **BPR**[447]
Schistochlamys melanopis	D, M	**ADI**[154], **AMR**[154], **APQ**[154], **APV**[154], **AQW**[154, 346], **AYZ**[264, 266], **BDX**[165], **BDZ**[280]	**AQW**[447]
Schistochlamys ruficapillus	D, M	**AAJ**[416], **AAN**[119, 247, 435], **AAU**[206], **AAV**[350], **ABM**[206], **ACQ**[155], **ADG**[155], **ADO**[20], **AEK**[86, 173], **AFG**[419], **AFQ**[187], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 83, 92, 130, 385], **AJP**[213, 217], **AJQ**[155, 385], **ALR**[165], **ANU**[420], **AOO**[154], **AOQ**[165], **AUZ**[175], **AWY**[155], **AYZ**[350], **BBP**[175, 343], **BBS**[57, 83, 131, 435], **BBV**[119], **BBW**[94], **BDR**[95], **BDY**[186, 199, 350, 436], **BEF**[58], **BEJ**[67], **BHL**[206], **BIO**[83, 154, 165], **BJZ**[66], **BKY**[416], **BLL**[155], **BLP**[83], **BLQ**[55, 83, 155, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BOT**[213, 217], **BOX**[86, 168, 175]	**AAF**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGX**[447], **AHM**[447], **AMQ**[447], **AMS**[447], **ANP**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Paroaria dominicana	D, M	**AAU**[206], **ABM**[206], **AHV**[206], **AIR**[130], **BBS**[126], **BBT**[104], **BHL**[206], **BIO**[154], **BMW**[68]	**AAF**[447], **AAI**[447], **ABB**[447], **ADM**[447], **ADY**[447], **AEI**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFU**[447], **AHJ**[447], **ALZ**[447], **AMM**[447], **AMP**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANW**[447], **ANY**[447], **AQV**[447], **AQW**[447], **AST**[447], **ATT**[447], **AZZ**[447], **BBC**[447], **BEM**[447], **BIO**[447], **BJM**[447], **BJR**[447], **BJU**[447], **BKK**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Tangara brasiliensis	D, M	**ADI**[154], **ADJ**[154], **AEM**[154], **AFL**[165], **AGG**[5, 10, 165], **AGM**[154], **AKN**[165], **AMR**[154],	**AQW**[447], **BMT**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AOP[154], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[20, 154, 165], **APY**[154], **AQW**[154, 165], **BDZ**[70, 199, 280], **BEN**[142], **BGJ**[154], **BIO**[154]	
Tangara cyanomelas	D, M	**AGG**[165], **APX**[20], **AQW**[154, 165], **BBX**[154], **BDQ**[154], **BDZ**[199, 280], **BGS**[177, 213], **BIO**[154]	**AQW**[447]
Tangara seledon	D, M	**AAV**[350], **ABM**[206], **ACJ**[20], **ACN**[165], **AGG**[10, 165], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AKQ**[116], **ALM**[165], **ANU**[420], **AOP**[154], **APW**[175], **APX**[20], **APY**[154], **AQY**[6], **ATW**[116, 213, 217], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350], **BBS**[54, 57, 83, 126, 128, 131, 435], **BDQ**[154], **BDR**[95], **BDY**[198, 199, 350], **BDZ**[5, 70, 199, 280], **BEH**[119, 131, 358], **BEN**[142], **BFR**[213, 217], **BFS**[116], **BFT**[116], **BFV**[165], **BGM**[154], **BGS**[157, 177, 213], **BHL**[206], **BIO**[83, 154, 165], **BIX**[224], **BIY**[20], **BOQ**[350]	**AAF**[447], **AAT**[447], **ABC**[447], **AES**[447], **ANO**[447], **ANU**[447], **ANY**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BEM**[447], **BIO**[447], **BJM**[447], **BJQ**[447], **BMT**[447], **BNO**[447]
Tangara cyanocephala	D, M	**AAV**[350], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AOQ**[165], **AYZ**[264, 266], **BBP**[343], **BBS**[57], **BDY**[186, 199, 350, 436], **BIO**[83, 154, 165], **BOQ**[350]	**BIO**[447]
Tangara cyanoventris	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ACN**[165], **AEE**[100], **AEK**[431], **AFG**[419], **AFQ**[187], **AFR**[435], **AGJ**[135], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[92, 130], **AJJ**[155], **AJP**[213, 217], **AJQ**[83, 155, 385, 395], **ALR**[165], **ANU**[420], **AOQ**[165], **ARY**[176, 213], **ASY**[87, 232], **ATV**[155], **ATY**[155], **AUZ**[83], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343, 383], **BBS**[54, 131], **BBV**[119], **BBW**[94], **BDY**[70, 186, 198, 199, 307, 350, 436], **BEF**[58], **BEH**[119], **BGM**[83], **BHL**[206], **BHN**[133], **BIO**[70, 83, 154, 165, 177, 323, 438], **BJW**[175], **BJZ**[66], **BLQ**[55, 159, 300, 394, 416, 417], **BMO**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 165, 175], **BOY**[137, 234, 236], **BOZ**[154], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAZ**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADL**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **ALT**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJN**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BNO**[447], **BOX**[447]
Tangara desmaresti	D, M	**ABM**[206], **ACW**[420], **ADX**[206], **AEE**[100], **AIQ**[85, 119, 120], **AOQ**[165], **ARY**[39], **AYZ**[264, 266], **BBP**[175, 343, 383], **BBW**[94], **BHL**[206], **BLQ**[55, 83, 155, 159, 177, 300, 394, 397, 405, 416, 417]	**AAF**[447], **AAQ**[447], **ABE**[447], **AEU**[447], **ANV**[447], **ART**[447], **BHU**[447], **BHV**[447], **BMM**[447]
Tangara sayaca	D, M	**AAF**[206], **AAG**[175], **AAJ**[416], **AAN**[435], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABI**[155], **ABM**[206], **ACH**[154], **ADX**[206], **AEK**[431], **AES**[83], **AFG**[419], **AFJ**[119], **AFR**[435], **AFT**[175], **AGG**[5, 10, 165], **AGM**[154], **AHM**[385], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[154, 350], **AIQ**[119, 120], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKN**[165], **AMR**[154], **AMY**[154], **ANU**[420], **AOX**[154], **AOZ**[154], **APR**[154], **APS**[154], **APV**[154], **APX**[165], **AQW**[154, 346], **AQY**[6], **ARY**[213], **ASY**[87], **ATW**[213, 217], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 70, 83, 119, 126, 131, 228, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BBY**[145], **BDR**[116], **BDX**[165], **BDY**[154, 186, 199, 350, 378, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BEP**[175], **BER**[119], **BFV**[154], **BGS**[177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 165, 323, 374, 438], **BJW**[175],	**AAB**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEO**[447], **AEP**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGY**[447], **AHJ**[447], **AHK**[447], **AHL**[447], **AHN**[447], **AHP**[447], **AIJ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BCY**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEM**[447], **BFK**[447], **BFX**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BLQ[55, 83, 155, 300, 301, 394, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 46, 83, 86, 168, 175, 230], **BOY**[137, 234, 236], **BOZ**[154], **BPR**[385]	**BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Tangara cyanoptera	D, M	**AAV**[350], **ABM**[206], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AOQ**[165], **AYZ**[154, 264, 266, 350], **BDY**[96, 186, 199, 350, 436], **BDZ**[280], **BEH**[131, 358], **BHL**[206], **BIO**[154, 165, 374], **BJZ**[66], **BOQ**[350]	**AAF**[447], **AAQ**[447], **BIO**[447]
Tangara palmarum	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **AEK**[173], **AEZ**[154], **AFJ**[119], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIR**[92, 130, 385], **AJQ**[83, 155, 385], **AJU**[116], **AKN**[165], **ANU**[420], **AOP**[154], **APR**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **AYZ**[70, 264, 266, 350, 436], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 131, 228], **BBT**[104], **BBV**[119], **BBW**[94], **BCO**[154], **BDX**[165], **BDY**[186, 199, 350, 436], **BDZ**[70, 199, 280], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 165, 323], **BJS**[96], **BJZ**[66], **BLQ**[55, 155, 300, 301, 394, 417], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOQ**[350], **BOX**[86, 175, 230], **BOY**[137, 234]	**AAC**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAZ**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDG**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHZ**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Tangara ornata	D, M	**AAV**[350], **ABM**[206], **ACC**[154], **ADO**[20], **ADX**[206], **AEZ**[154], **AHS**[427], **AHV**[206], **AIM**[154], **AIN**[277, 344, 350, 436], **AIP**[154, 350], **AIQ**[119], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKQ**[116], **ANU**[420], **AOQ**[165], **APX**[154], **AQY**[6], **ATW**[213, 217], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBP**[343], **BBS**[13, 17], **BBW**[94], **BDR**[95, 165], **BDY**[96, 186, 199, 350, 436], **BDZ**[70, 199, 280], **BEF**[58], **BER**[119], **BHL**[206], **BIO**[83, 154, 165, 323, 438], **BLQ**[83, 96, 300, 301, 394, 417], **BMO**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[86, 168, 175], **BOY**[234, 236], **BOZ**[154]	**AAF**[447], **AAQ**[447], **AAT**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHN**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **BCT**[447], **BCV**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BJN**[447], **BJR**[447], **BKP**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Tangara cayana	D, M	**AAJ**[416], **AAN**[83, 247], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ADX**[206], **AFG**[419], **AFJ**[119], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIQ**[119], **AIR**[22, 83, 92, 130, 379, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJU**[116], **ALR**[165], **ANU**[420], **APQ**[154], **APX**[154], **AQW**[346], **ARS**[177], **ASY**[87], **AVZ**[155], **AYZ**[154, 350, 436], **BBF**[131], **BBG**[154], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 131, 435], **BBV**[119], **BBW**[94], **BBY**[145], **BDR**[116], **BDT**[116], **BDY**[186, 350, 436], **BDZ**[99, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 323], **BJW**[175], **BJZ**[66], **BLQ**[55, 83, 155, 177, 300, 301,	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGX**[447], **AHJ**[447], **AHL**[447], **AHN**[447], **AIJ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANS**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQR**[447], **AQS**[447], **AQV**[447], **AQW**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		394, 397, 416, 417, **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[29, 86, 168, 175], **BOY**[137, 234], **BPR**[385]	**ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BBM**[447], **BBY**[447], **BCV**[447], **BCY**[447], **BDG**[447], **BDW**[447], **BEI**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHZ**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Tangara peruviana	D	**BHL**[206]	**AAF**[447], **BIO**[447]
Nemosia pileata	D, M	**AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **AES**[83], **AFG**[419], **AFM**[165, 381], **AHV**[206], **AIN**[277], **AIR**[92, 130, 385], **AJP**[213, 217], **AJQ**[385], **AKN**[165], **ANR**[154], **AOP**[154], **APV**[154], **APX**[20], **AQW**[346], **AQY**[213], **ASY**[86, 232], **AXZ**[213, 217], **BBF**[131], **BBP**[343], **BBS**[13, 54, 70, 83, 119, 131, 228, 435], **BBW**[94], **BDO**[436], **BDZ**[199], **BEG**[364], **BEH**[131, 358], **BEN**[142], **BER**[119], **BFR**[213, 217], **BFV**[165], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154], **BLQ**[394], **BOX**[175], **BOY**[137, 234, 236]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABC**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASV**[447], **BCV**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BOX**[447]
Nemosia rourei	D	**AOQ**[307, 317, 319, 422, 433], **BDY**[186, 307, 422]	**BIO**[447]
Compsothraupis loricata	D, M	**AJQ**[385], **ALT**[175], **BEG**[364], **BJT**[36]	**AAZ**[447], **ADM**[447], **ADR**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AMQ**[447], **AMS**[447], **ANO**[447], **ANP**[447], **BHT**[447], **BII**[447], **BIJ**[447], **BIQ**[447], **BKQ**[447]
Conirostrum speciosum	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **AEK**[431], **AHM**[385], **AHV**[206], **AIN**[277, 350], **AIP**[350], **AIR**[92, 130], **AQW**[346], **ASX**[86], **ASY**[232], **ATW**[213], **AXZ**[213], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 131, 228, 385, 435], **BBW**[94], **BDO**[436], **BDR**[95, 116], **BDY**[350], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BER**[119], **BEU**[116], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BLQ**[55, 394], **BLS**[160], **BMW**[68], **BNT**[385], **BOQ**[350], **BOX**[175, 230], **BOY**[137, 234, 236]	**AAF**[447], **AAI**[447], **ABC**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AFQ**[447], **AHK**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ART**[447], **ASU**[447], **AXX**[447], **AZZ**[447], **BBY**[447], **BCI**[447], **BCV**[447], **BDG**[447], **BDR**[447], **BEI**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIP**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJM**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Sicalis citrina	D, M	**AAJ**[416], **AAN**[119, 247], **AFJ**[119], **AIR**[130], **AJQ**[83, 385], **ARY**[213], **BBV**[119], **BEF**[58], **BKY**[416], **BLO**[416], **BLQ**[394, 397, 416, 417], **BLS**[160]	**AEU**[447], **AFQ**[447], **ANP**[447], **ANS**[447], **BCV**[447], **BHU**[447], **BKP**[447]
Sicalis flaveola	D, M	**AAF**[206], **AAS**[340], **AAU**[206], **ABG**[385], **ABM**[206], **ACO**[154], **ADI**[154], **AEK**[161, 173],	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AFG[419], **AGG**[10, 165], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AIN**[277], **AIR**[92], **AJP**[213, 217], **AJQ**[83, 155, 385], **AMY**[154], **ANU**[420], **APV**[154], **APX**[5, 154], **AQW**[154], **AQY**[6], **ARY**[155], **ATW**[96, 116], **AXZ**[213, 217], **AYZ**[154, 264, 350], **BBF**[131], **BBP**[237, 343], **BBS**[54, 57, 126, 131, 175, 187, 435], **BBT**[104], **BBY**[145], **BDF**[154], **BDR**[116], **BDY**[186], **BDZ**[5, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BFG**[155], **BFR**[213, 217], **BGU**[119], **BHI**[164], **BHL**[206], **BHY**[436], **BIO**[154, 323], **BIS**[83], **BJZ**[66], **BLQ**[55, 155, 300, 301, 394, 417], **BOX**[46, 86, 168, 175, 293], **BPR**[385]	**AAR**[447], **AAT**[447], **AAX**[447], **AAY**[447], **AAZ**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADR**[447], **ADS**[447], **ADV**[447], **ADX**[447], **AEI**[447], **AEL**[447], **AEN**[447], **AEO**[447], **AEQ**[447], **AER**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFF**[447], **AFI**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGU**[447], **AGW**[447], **AGY**[447], **AHJ**[447], **AHK**[447], **AHL**[447], **AHM**[447], **AHN**[447], **AHP**[447], **AHQ**[447], **AIJ**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **AMX**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANR**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCQ**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHZ**[447], **BII**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJJ**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BJY**[447], **BKO**[447], **BKQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Sicalis luteola	D, M	**AQW**[346], **BBP**[343], **BJZ**[66], **BMW**[68], **BOV**[154]	**AAQ**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AFL**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANN**[447], **ANU**[447], **ANV**[447], **AQV**[447], **AQW**[447], **ART**[447], **AZZ**[447], **BCV**[447], **BIQ**[447], **BIR**[447], **BMS**[447], **BMT**[447], **BOX**[447]
Haplospiza unicolor	D, M	**AAN**[247], **AAV**[350], **AAW**[154], **AAZ**[327], **ABM**[206], **ABR**[219], **AFR**[327], **AHK**[327], **AHT**[120], **AIN**[277, 350, 436], **AIP**[350], **AIQ**[85], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKM**[356], **ANU**[420], **AOQ**[305], **ARY**[25], **AUZ**[83], **AYZ**[264], **BBP**[175, 343], **BBS**[54, 57, 131], **BBW**[94], **BDR**[95], **BDY**[96, 186, 350, 436], **BEF**[58], **BGM**[83], **BHL**[206], **BIO**[154, 438], **BLQ**[55, 83, 155, 300, 301, 394, 397, 407, 416, 417], **BLY**[155], **BOQ**[350], **BOX**[175], **BOY**[236]	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AFQ**[447], **AMU**[447], **ANV**[447], **AQS**[447], **AQV**[447], **ART**[447], **ARY**[447], **ATU**[447], **BCV**[447], **BFX**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKV**[447], **BPR**[447]
Chlorophanes spiza	D, M	**AAV**[350], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AJP**[213, 217], **AXZ**[213, 217], **AYZ**[264, 266, 350], **BBS**[57, 131], **BDY**[186, 199, 350, 436], **BDZ**[280], **BIO**[154, 165], **BOQ**[350]	**BIO**[447]
Hemithraupis flavicollis	D, M	**ABG**[385], **ABM**[206], **ACJ**[20], **ADJ**[154], **AGG**[10, 165], **AIL**[154], **AJU**[116], **AKQ**[116], **AOP**[154], **AOZ**[154], **APR**[154], **APX**[20, 165], **APY**[154], **AQW**[165], **AQY**[213], **ATW**[116, 217], **AXZ**[213, 217],	**ADS**[447], **AGY**[447], **ANO**[447], **AQW**[447], **ASU**[447], **BIO**[447], **BMT**[447], **BNO**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BBS[13, 54, 57, 83, 96, 119, 126, 131, 228, 435], **BDO**[436], **BDR**[95], **BDZ**[70, 96, 199], **BEE**[154, 424], **BEH**[131, 358], **BEN**[142], **BFV**[165], **BGS**[177, 213], **BGV**[213, 217], **BHL**[206], **BHY**[436]	
Hemithraupis ruficapilla	D, M	**AAF**[206], **AAV**[350], **ABC**[131], **ABG**[385], **ABM**[206], **ABR**[219], **ACJ**[20], **ADX**[206], **AEK**[431], **AFG**[419], **AFQ**[187], **AFR**[435], **AHM**[385], **AHS**[427], **AIL**[436], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJQ**[83, 155, 385, 395], **AJU**[116], **ALR**[165], **ANU**[420], **AOZ**[154], **APX**[20], **ASY**[87, 232], **ATY**[155], **AXZ**[213], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[126, 131], **BBW**[94], **BDY**[70, 96, 186, 199, 307, 350, 436], **BEF**[58], **BEG**[28], **BEH**[131, 358], **BER**[119], **BGV**[213], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 165], **BLQ**[55, 300, 394, 417], **BLS**[160], **BMO**[436], **BOQ**[350], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AFU**[447], **AHK**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQR**[447], **AQV**[447], **ART**[447], **ASU**[447], **AXX**[447], **BBF**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BKT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Volatinia jacarina	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **ABG**[385], **ABM**[206], **ACG**[154], **ADI**[154], **AEK**[173], **AFG**[419], **AFJ**[119], **AFU**[155], **AGM**[154], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIR**[22, 92, 130], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKW**[155], **AMR**[154], **AMY**[154], **ANU**[420], **AOX**[154], **AOZ**[154], **APR**[154], **APX**[154], **AQW**[154, 346], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350], **BBP**[343], **BBS**[54, 57, 119, 126, 131, 435], **BBT**[104], **BBV**[119], **BBY**[175], **BDO**[436], **BDY**[199, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BER**[119], **BFG**[224], **BFV**[154], **BGS**[156, 177, 213], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[154], **BJW**[175], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BMO**[436], **BMU**[83], **BMW**[68], **BNT**[385], **BOX**[86, 168, 175]	**AAB**[447], **AAC**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHJ**[447], **AHL**[447], **AHM**[447], **AHN**[447], **AHP**[447], **AIJ**[447], **ALT**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **ASZ**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIP**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJJ**[447], **BJK**[447], **BJM**[447], **BJR**[447], **BJS**[447], **BKK**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447]
Trichothraupis melanops	D, M	**AAF**[206], **AAN**[247], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ACN**[165], **ADX**[206], **AEK**[339], **AFG**[419], **AFR**[435], **AGI**[135], **AGJ**[135], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[92, 130, 379, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJY**[155], **AKL**[155], **ALR**[165], **ANU**[420], **AOQ**[165], **ARY**[176], **ASY**[87, 175, 235], **AUW**[155], **AUZ**[83], **AWY**[155], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[120, 343], **BBS**[54, 57, 131, 135], **BBW**[94, 155], **BDR**[165], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEH**[120, 131, 358], **BER**[119], **BGM**[83], **BGU**[119], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 156, 165, 177, 438], **BLQ**[55, 83, 155, 300, 301, 394, 417], **BLY**[155], **BMO**[436], **BOQ**[350], **BOX**[29, 83, 86, 175], **BOY**[137, 234, 236]	**AAB**[447], **AAF**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AIJ**[447], **ALT**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AXX**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIR**[447], **BJN**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BMS**[447], **BNO**[447], **BOX**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Coryphospingus pileatus	D, M	**AAF**[206], **AAJ**[416], **AAU**[206], **ABG**[385], **ABI**[155], **ABM**[206], **AEK**[86], **AES**[83], **AFG**[419], **AFR**[435], **AHM**[385], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIQ**[119], **AIR**[92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJR**[155], **ANU**[420], **AOX**[154], **APR**[154], **APX**[5, 20], **APY**[154], **AQW**[154, 346], **AQY**[6], **ARY**[176], **ATW**[116, 213, 217], **AUZ**[175], **AXZ**[213, 217], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[13, 54, 57, 96, 119, 131, 228, 435], **BBV**[119], **BDD**[86], **BDR**[116], **BDS**[116], **BDT**[116], **BDY**[186, 350, 436], **BDZ**[70, 96, 199, 280], **BEF**[58], **BEG**[364], **BEJ**[67], **BEN**[142], **BER**[119], **BGL**[213, 217], **BGM**[83], **BGU**[119], **BGV**[156, 213, 217], **BHI**[164], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[83, 154, 323], **BJZ**[66], **BLQ**[55, 394, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOX**[86, 175], **BOY**[234]	**AAB**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAX**[447], **AAY**[447], **ABB**[447], **ACJ**[447], **ACQ**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATT**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BCV**[447], **BDE**[447], **BEM**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BIO**[447], **BIP**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJU**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKX**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Lanio cristatus	D, M	**AAV**[350], **ACJ**[20], **ACN**[165], **ADI**[154], **ADJ**[154], **AGG**[5, 10, 165], **AGM**[154], **AHS**[427], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AJU**[116], **AKQ**[116], **ANU**[420], **AOP**[154], **AOZ**[154], **APV**[154], **APX**[20, 156, 165], **AQW**[346], **AQY**[6, 213], **ATW**[116, 213, 217], **AXZ**[213, 217], **BBS**[54, 57, 83, 96, 119, 126, 128, 131, 228, 385, 435], **BDR**[95], **BDY**[70, 154, 186, 198, 199, 350, 436], **BDZ**[70, 199, 280, 305], **BEE**[154, 424], **BEH**[119, 131, 358], **BEN**[142], **BEU**[116], **BEY**[116], **BFG**[20], **BFR**[213, 217], **BFV**[165], **BGJ**[154], **BGL**[213, 217], **BGS**[177, 213], **BGV**[213, 217], **BIO**[83, 154], **BIY**[20], **BMO**[436], **BMW**[68], **BMZ**[154], **BOQ**[350]	**AES**[447], **AFQ**[447], **ANO**[447], **AQW**[447], **ASU**[447], **AXX**[447], **BEP**[447], **BIO**[447], **BKP**[447], **BMT**[447], **BNO**[447]
Tachyphonus coronatus	D, M	**AAU**[206], **AAV**[350], **ABC**[131], **ABD**[154], **ABM**[206], **ADX**[206], **AEE**[100], **AEZ**[154], **AFG**[419], **AGI**[135], **AGJ**[135], **AHK**[83], **AHM**[385], **AHS**[427], **AHT**[120], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[119, 120], **AIR**[83, 92, 130, 385], **AIU**[155], **AJP**[213, 217], **AJQ**[83, 155, 385], **AJU**[116], **AKQ**[116], **ANU**[420], **AOP**[154], **AOQ**[165], **APX**[154], **ARY**[176], **ASX**[86], **ASY**[87], **AUZ**[83], **AXZ**[213, 217], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[175, 343], **BBS**[57, 131], **BBW**[94], **BCV**[175], **BDN**[83], **BDR**[95, 116, 165], **BDY**[186, 199, 350, 436], **BDZ**[280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BER**[119], **BGM**[83], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154, 156, 165, 438], **BJZ**[66], **BLQ**[55, 83, 155, 300, 301, 394, 417], **BMO**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 83, 86, 168, 175], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **AAQ**[447], **AAR**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFQ**[447], **AGW**[447], **AIJ**[447], **AMM**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **BBF**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BEP**[447], **BFX**[447], **BGY**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJQ**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BKX**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Ramphocelus bresilius	D, M	**ACZ**[154], **ADI**[154], **AGG**[10, 165], **AIN**[277, 344, 436], **AKN**[165], **AMR**[154], **AOX**[154], **APQ**[154], **APX**[165], **APZ**[154], **AQW**[154, 346], **AQY**[6], **ATW**[165], **AYZ**[264, 266], **BBP**[343], **BDR**[116], **BDZ**[5, 199, 280], **BEG**[28, 364], **BEJ**[67], **BEY**[116], **BGQ**[165], **BIO**[83, 154], **BJY**[165], **BJZ**[66], **BMW**[68], **BOX**[86, 168, 175], **BOY**[236]	**AAF**[447], **AAQ**[447], **ABB**[447], **ABE**[447], **AEU**[447], **AEV**[447], **AGW**[447], **ANV**[447], **ANY**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **BBY**[447], **BCH**[447], **BCV**[447], **BEP**[447], **BFK**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIR**[447], **BMT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BOX[447]
Ramphocelus carbo	D, M	**AGQ**[116], **AJU**[116], **ATW**[116, 165], **AXZ**[213, 217], **BBS**[13, 54, 57, 70, 83, 119, 126, 131, 435], **BDD**[175], **BDR**[95, 116, 165], **BEY**[116], **BFR**[170, 175, 217], **BGQ**[10], **BGV**[213, 217], **BJY**[165]	**ADS**[447], **AES**[447], **ASU**[447], **BET**[447], **BNO**[447]
Tersina viridis	D, M	**ABC**[131], **ABM**[206], **AEK**[175, 339, 431], **AFG**[419], **AGM**[154], **AHM**[385], **AHS**[427], **AIN**[277, 344, 436], **AIP**[350], **AIR**[92, 130, 385], **AJP**[213, 217], **AJQ**[155, 385], **AKQ**[116], **ALR**[165], **ANU**[154, 420], **AOZ**[154], **APV**[154], **AQY**[213], **ASY**[175], **AXZ**[213, 217], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 131], **BBV**[119], **BBW**[94], **BCD**[121], **BDY**[350, 436], **BER**[119], **BHL**[206], **BHN**[133], **BIO**[83, 154], **BLQ**[55, 155, 300, 301, 394, 417], **BMO**[436], **BOX**[86, 168, 175]	**AAE**[447], **AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADX**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AGY**[447], **AHM**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANX**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **ATU**[447], **BBF**[447], **BCH**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BEM**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHZ**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BJN**[447], **BKT**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Cyanerpes cyaneus	D, M	**ADJ**[154], **ADK**[154], **AEM**[154], **AGM**[154], **AHS**[427], **AIN**[277], **AKN**[165], **ALW**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APQ**[154], **APV**[154], **APX**[20], **APY**[154], **AQW**[154, 165, 346], **AYZ**[154, 264, 266, 350], **BDX**[165], **BDZ**[280], **BEJ**[67], **BIO**[83, 154], **BMW**[68]	**AQW**[447], **BIO**[447], **BMT**[447]
Dacnis nigripes	D, M	**BDY**[99, 199], **BDZ**[280], **BIO**[108, 165]	**AEQ**[447], **BIO**[447]
Dacnis cayana	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **ACN**[165], **ADI**[154], **ADJ**[154], **AEK**[175], **AFG**[419], **AFJ**[119], **AFR**[435], **AGL**[116], **AGM**[154], **AHM**[72], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKN**[165], **ALR**[165], **AMY**[154], **ANU**[420], **AOP**[154], **AOQ**[108, 165, 305], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[154, 165], **APY**[154], **AQW**[108, 346], **ARS**[177], **ARY**[176], **ASY**[87, 232], **ATW**[213, 217], **AUY**[155], **AUZ**[175], **AVZ**[155], **AXZ**[213, 217], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[175, 343], **BBS**[13, 54, 57, 70, 83, 119, 126, 131, 228, 435], **BBV**[119], **BBW**[94], **BDD**[175], **BDO**[436], **BDR**[95, 116, 165], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEE**[154], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFT**[116], **BFV**[154, 165], **BGJ**[154], **BGS**[157, 177, 213], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[108, 154, 157, 323], **BIX**[224], **BJZ**[66], **BLQ**[55, 83, 155, 177, 300, 301, 394, 416], **BLS**[160], **BMO**[436], **BMW**[68], **BMZ**[154], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOU**[175], **BOV**[154], **BOX**[86, 165, 168, 175, 230], **BOY**[137, 234, 236], **BOZ**[154], **BPR**[385]	**AAB**[447], **AAC**[447], **AAE**[447], **AAF**[447], **AAQ**[447], **AAZ**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **ADV**[447], **AEL**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFF**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AHL**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANV**[447], **ANW**[447], **ANY**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **AZZ**[447], **BBF**[447], **BBM**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDR**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJK**[447], **BJM**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Coereba flaveola	D, M	**AAF**[206], **AAJ**[416], **AAN**[435], **AAU**[206], **AAV**[350], **ABC**[131], **ABE**[175], **ABG**[385], **ABM**[206], **ADI**[154], **AFG**[419], **AFJ**[119], **AFR**[435], **AGM**[154], **AHS**[427], **AHV**[206], **AIN**[277, 344, 350, 436],	**AAB**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEO**[447], **AEQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		AIP[350], **AIQ**[119], **AIR**[22, 92, 130, 385], **AJP**[213, 217], **AJQ**[83, 155, 385, 411], **AKN**[165], **ANU**[420], **AOP**[154], **AOQ**[165, 305], **AOZ**[154], **APQ**[154], **APV**[154], **APX**[165], **AQW**[346], **ASY**[339], **ATW**[213, 217], **AUZ**[175], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 131, 228, 435], **BBT**[104], **BBV**[119], **BBW**[94], **BCD**[121], **BDY**[96, 186, 199, 350, 436], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BER**[119], **BFV**[154], **BGM**[83], **BHL**[206], **BHN**[133], **BHY**[436], **BIO**[70, 83, 154, 165, 323], **BJZ**[66], **BLQ**[55, 83, 155, 177, 300, 394, 397, 416, 417], **BLS**[160], **BMO**[436], **BMW**[68], **BNT**[385], **BOP**[436], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 86, 168, 175, 230], **BOY**[137, 234], **BPR**[385]	**AES**[447], **AEU**[447], **AFL**[447], **AFW**[447], **AHL**[447], **AHN**[447], **ALT**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANS**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASV**[447], **BBF**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJQ**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Tiaris fuliginosus	D, M	**AAW**[154, 348], **ABC**[131], **ABM**[206], **AFG**[419], **AIN**[277, 436], **AJQ**[83, 155, 385], **AJU**[116], **AJX**[116], **AKQ**[116], **ARY**[83, 407], **ATZ**[83], **AWX**[407], **AYZ**[264], **BBF**[131], **BBP**[343], **BBW**[94], **BDY**[199], **BDZ**[199, 280], **BEH**[131, 358], **BFG**[20, 224], **BGS**[177, 213], **BHL**[206], **BHN**[155], **BHY**[436], **BLQ**[417], **BLY**[155], **BMZ**[154], **BOY**[234, 236], **BPR**[385]	**AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **ADL**[447], **ADM**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AEV**[447], **AFI**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **AQW**[447], **ART**[447], **ASU**[447], **AXX**[447], **BCV**[447], **BDR**[447], **BEP**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIU**[447], **BJN**[447], **BJS**[447], **BKP**[447], **BKT**[447], **BKV**[447], **BNO**[447], **BOX**[447], **BPR**[447]
Sporophila lineola	D, M	**AAU**[206], **ABM**[206], **AHV**[206], **AIR**[130], **AJQ**[83, 155, 385], **AYZ**[264], **BBS**[54, 57, 96, 131], **BHL**[206], **BIO**[154], **BJZ**[66], **BLQ**[417], **BMP**[321]	**AAB**[447], **AAE**[447], **AAF**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AGY**[447], **AHJ**[447], **ALZ**[447], **AMM**[447], **AMQ**[447], **AMT**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **ANX**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **AZZ**[447], **BBM**[447], **BBY**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BHT**[447], **BHW**[447], **BIQ**[447], **BIR**[447], **BJM**[447], **BJQ**[447], **BJS**[447], **BKT**[447], **BKV**[447], **BOX**[447]
Sporophila frontalis	D, M	**AAW**[348], **ABR**[219], **ABS**[153], **AFG**[419], **AIN**[277, 350, 436], **AIP**[348, 350], **AYZ**[264, 266], **BBP**[73, 343], **BBW**[94], **BDY**[73, 154, 186, 350, 433, 436], **BDZ**[99, 199, 280], **BES**[153], **BFO**[153], **BIO**[154], **BJW**[73, 147], **BLL**[153], **BLQ**[153, 300, 417], **BLR**[153], **BMU**[399], **BOX**[338]	**AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **AEQ**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AMS**[447], **ANP**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **ATU**[447], **BIO**[447], **BOX**[447]
Sporophila falcirostris	D, M	**AAW**[348], **ABS**[153], **AIN**[348, 350], **AIP**[350], **AJQ**[153, 385], **AOW**[73, 165], **BBW**[94], **BDP**[154], **BDY**[350], **BDZ**[99, 280], **BES**[153], **BFO**[153], **BFW**[153], **BIO**[154]	**AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **AEQ**[447], **AFQ**[447], **ANP**[447], **ARY**[447], **BIO**[447], **BJM**[447]
Sporophila collaris	D, M	**ADI**[154], **AKT**[154], **APQ**[154], **APR**[154], **APS**[154], **APX**[5], **AQW**[154, 346], **BBS**[57, 131, 435], **BDZ**[280], **BEJ**[67], **BFV**[154], **BMW**[68]	**AEQ**[447], **ANY**[447], **AQW**[447], **BIO**[447], **BKS**[447]
Sporophila nigricollis	D, M	**AAJ**[416], **AAN**[247], **AAU**[206], **ABM**[206], **AFG**[419], **AFJ**[119], **AHM**[385], **AHV**[206], **AIN**[154,	**AAE**[447], **AAF**[447], **AAQ**[447], **AAR**[447], **AAT**[447], **AAX**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		[277], **AIR**[22, 92, 130], **AJP**[213, 217], **AJQ**[83, 155, 385], **AKL**[155], **ANU**[420], **APX**[5, 156], **AQW**[154, 314, 346], **ARY**[213], **AXZ**[213, 217], **AYZ**[264, 266], **BBF**[131], **BBP**[343], **BBS**[54, 57, 131, 435], **BBV**[119], **BBW**[94], **BDR**[95], **BDY**[186], **BDZ**[199, 280], **BEF**[58], **BEG**[364], **BEH**[131, 358], **BER**[119], **BGS**[177, 213, 314], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[154], **BLQ**[55, 155, 300, 301, 394, 397, 416, 417], **BLS**[160], **BMU**[83], **BMW**[68], **BNT**[385], **BOS**[365], **BOX**[175], **BPR**[385]	**AAZ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **AEO**[447], **AEQ**[447], **AER**[447], **AES**[447], **AEU**[447], **AFK**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHL**[447], **AHM**[447], **AHP**[447], **ALT**[447], **AMM**[447], **AMS**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBF**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDR**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BII**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BIW**[447], **BJK**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMM**[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPP**[447], **BPR**[447]
Sporophila ardesiaca	D, M	**ABG**[385], **ABM**[206], **AEK**[173], **AGL**[116], **AHV**[206], **AJQ**[155, 385], **AKQ**[116], **ALP**[303], **AOQ**[129, 303, 314], **APR**[154], **APV**[154], **APX**[314], **AQW**[154, 303, 314], **ATW**[96], **BDR**[116], **BDX**[303, 314], **BDY**[186], **BDZ**[70, 199], **BEE**[70], **BHL**[206], **BIO**[154], **BLQ**[155], **BOX**[86]	**AAF**[447], **AAI**[447], **AAQ**[447], **ABB**[447], **ABC**[447], **ABE**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFI**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AGW**[447], **AGY**[447], **AHM**[447], **ALT**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDW**[447], **BHT**[447], **BHU**[447], **BHW**[447], **BII**[447], **BIJ**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BKP**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMM**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Sporophila caerulescens	D, M	**AAN**[247, 435], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ADI**[154], **ADJ**[154], **AFG**[419], **AFR**[435], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[277, 344, 436], **AIP**[350], **AIR**[130], **AJP**[213, 217], **AJQ**[385], **AMY**[154], **ANU**[420], **AOQ**[314], **AOX**[154], **AOZ**[154], **APR**[154], **APX**[154, 156], **APY**[154], **AQW**[154, 314, 346], **AQY**[6], **ATW**[96], **AXZ**[213], **AYZ**[154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[54, 126, 131, 435], **BBT**[104], **BBV**[119], **BDX**[314], **BDY**[70, 186, 199, 436], **BDZ**[70, 96, 199, 280], **BEF**[58], **BEG**[364], **BEJ**[67], **BEN**[142], **BER**[119], **BFV**[154], **BGS**[177, 213], **BGU**[119], **BHI**[164], **BHL**[206], **BHY**[436], **BIO**[154, 156, 323], **BJZ**[66], **BLO**[416], **BLQ**[394], **BLS**[160], **BMO**[436], **BMU**[83], **BMW**[68], **BOQ**[350], **BOX**[86]	**AAB**[447], **AAE**[447], **AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **AAX**[447], **ABC**[447], **ABE**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADV**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AGW**[447], **AHJ**[447], **AHM**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ASV**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BBM**[447], **BCT**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BEP**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BHV**[447], **BHW**[447], **BIL**[447], **BIO**[447], **BIQ**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BIR[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKQ**[447], **BKT**[447], **BKW**[447], **BMT**[447], **BNO**[447], **BNQ**[447], **BOX**[447], **BPP**[447]
Sporophila albogularis	D	**BDZ**[280]	**AFL**[447], **AMQ**[447], **ANY**[447], **BJM**[447]
Sporophila leucoptera	D, M	**ABM**[206], **ACO**[154], **ADI**[154], **AFL**[154], **AJQ**[385], **AOX**[154], **AOZ**[154], **APX**[20], **AQW**[154, 346], **BDZ**[99, 199], **BEJ**[67], **BHL**[206], **BIO**[154], **BJZ**[66, 154], **BLQ**[417], **BMW**[68], **BOX**[175]	**AAF**[447], **AAQ**[447], **AAR**[447], **ADR**[447], **AEQ**[447], **AES**[447], **AFK**[447], **AFL**[447], **AGW**[447], **AHP**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMT**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **AST**[447], **ASV**[447], **AZZ**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BDW**[447], **BEI**[447], **BEM**[447], **BFK**[447], **BHT**[447], **BHV**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BKK**[447], **BKQ**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOR**[447], **BOX**[447], **BPP**[447]
Sporophila bouvreuil	D, M	**ADI**[154], **AGM**[154], **AIR**[130], **AOX**[154], **APR**[154], **APS**[154], **APV**[154], **APY**[154], **AQW**[154, 346], **AQY**[6], **BDZ**[199, 280], **BEJ**[67], **BIO**[154], **BMW**[68]	**ACQ**[447], **AFL**[447], **AMS**[447], **ANW**[447], **AQW**[447], **BHT**[447], **BKQ**[447], **BMT**[447]
Sporophila angolensis	D, M	**ADI**[154], **AIN**[277, 436], **AJP**[123, 213, 217], **ANR**[154], **AQW**[154], **AQY**[6, 213], **ATW**[96], **AXZ**[123, 213, 217], **AYZ**[264], **BBS**[54, 57, 70, 131, 228], **BDF**[154], **BDZ**[280], **BFG**[224], **BIO**[154], **BNT**[385], **BOX**[168]	**AAQ**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **ANP**[447], **ANY**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASU**[447], **ASV**[447], **BFX**[447], **BHT**[447], **BIO**[447], **BIQ**[447], **BJN**[447], **BMT**[447]
Embernagra platensis	D, M	**AAB**[91], **ABM**[206], **AEE**[100], **AEK**[86], **AFG**[419], **AII**[38], **AIJ**[175], **AIR**[130], **AJP**[213, 217], **AJQ**[385, 393], **BBH**[115], **BBJ**[91], **BBP**[343], **BHL**[206], **BLQ**[394, 417], **BOT**[213, 217]	**AAF**[447], **AAQ**[447], **ABE**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AMS**[447], **ANN**[447], **ANP**[447], **ANU**[447], **ANV**[447], **AQS**[447], **ARS**[447], **ART**[447], **ASV**[447], **AXX**[447], **BCT**[447], **BCV**[447], **BDW**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIR**[447], **BKW**[447]
Embernagra longicauda	D, M	**AAJ**[416], **AAN**[102, 119, 246, 247], **ABC**[131], **AEE**[100], **AFG**[419], **AFR**[435], **AFS**[155], **AGH**[83], **AHH**[83], **AIR**[22, 83, 130], **AJK**[415], **AJQ**[83, 385, 393], **ALR**[146], **ARY**[38, 319], **BBR**[83, 398, 416], **BBV**[75, 119], **BBW**[146], **BCN**[122], **BCR**[83, 122], **BDN**[56, 83], **BEF**[58], **BHN**[133], **BKZ**[83, 155], **BLP**[83], **BLQ**[55, 83, 146, 155, 159, 300, 394, 397, 404, 416, 417], **BLS**[160], **BLT**[56], **BLU**[26], **BLV**[83], **BLW**[83, 155]	**AAX**[447], **ACQ**[447], **AEU**[447], **AFQ**[447], **ANP**[447], **ARY**[447], **AXX**[447], **BFX**[447], **BHU**[447], **BJN**[447]
Emberizoides herbicola	D, M	**AAN**[83, 246, 247, 435], **AAU**[206], **ABG**[385], **ABM**[206], **ACO**[154], **ADJ**[154], **AEE**[100], **AEK**[86], **AFG**[419], **AFR**[435], **AHV**[206], **AIR**[22, 92], **AJQ**[155, 385, 393], **AMY**[154], **AOX**[154], **AOZ**[154], **APR**[154], **APV**[154], **APX**[154], **AQW**[154, 346], **ATW**[116], **BBP**[343], **BBS**[131, 435], **BDZ**[199, 280], **BEF**[58], **BER**[119], **BFV**[154], **BGU**[119], **BHL**[206], **BJS**[96], **BJZ**[66], **BLQ**[55, 300, 394, 395, 416, 417],	**AAF**[447], **AAH**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADM**[447], **AEP**[447], **AEQ**[447], **AES**[447], **AEV**[447], **AFL**[447], **AFQ**[447], **AHM**[447], **ALZ**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **AMZ**[447], **ANN**[447], **ANO**[447], **ANP**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
		BLS[160], **BMU**[83], **BMW**[68], **BNT**[385], **BOX**[83], **BPR**[385]	**ANQ**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ATU**[447], **AXX**[447], **AZZ**[447], **BCQ**[447], **BCT**[447], **BCV**[447], **BDG**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJN**[447], **BJR**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BKW**[447], **BMS**[447], **BMT**[447], **BMY**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Emberizoides ypiranganus	D, M	**AAN**[83, 119, 246, 247]	**AXX**[447]
Saltatricula atricollis	D, M	**BLQ**[394, 397, 416], **BLS**[160]	**ABE**[447], **AEQ**[447], **AEV**[447], **AFQ**[447], **ALZ**[447], **AMS**[447], **ANV**[447], **ANZ**[447], **AQS**[447], **AQW**[447], **BCV**[447], **BDG**[447], **BEI**[447], **BIR**[447], **BIU**[447], **BKS**[447], **BKT**[447], **BOX**[447]
Saltator maximus	D, M	**AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ADI**[154], **ADK**[154], **AES**[83], **AGG**[10, 165], **AGQ**[116], **AHS**[427], **AHU**[120], **AHV**[206], **AIL**[154], **AIN**[277, 344, 350, 436], **AIP**[350], **AKQ**[116], **AMR**[154], **AOX**[154], **APR**[154], **APV**[154], **APX**[154], **APY**[154], **AQW**[346], **AQY**[5, 6, 213], **ATW**[116, 217], **AXZ**[213, 217], **AYZ**[70, 264, 266, 350], **BBF**[131], **BBS**[54, 57, 70, 83, 96, 119, 124, 126, 128, 131, 228, 435], **BDR**[95, 116], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[5, 70, 199, 280], **BEE**[70], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BEN**[142], **BEY**[116], **BGS**[156, 177, 213], **BGV**[213, 217], **BHL**[206], **BIO**[96, 154], **BJZ**[66], **BMW**[68], **BMZ**[154], **BNR**[155], **BOQ**[350]	**AAE**[447], **AAF**[447], **ABC**[447], **ADM**[447], **ADS**[447], **AES**[447], **AFL**[447], **ANO**[447], **ANU**[447], **ANW**[447], **AQV**[447], **AQW**[447], **AST**[447], **ASU**[447], **BEM**[447], **BIO**[447], **BIQ**[447], **BKK**[447], **BMT**[447], **BNO**[447]
Saltator similis	D, M	**AAL**[154], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABC**[131], **ABM**[206], **ABR**[219], **AEZ**[154], **AFG**[419], **AFJ**[119], **AFQ**[187], **AFR**[435], **AGI**[135], **AGJ**[135], **AHM**[72, 385], **AHS**[427], **AHV**[206], **AIJ**[175], **AIN**[277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119, 120], **AIR**[22, 83, 92, 130, 379, 385], **AJP**[213, 217], **AJQ**[155, 385], **AKQ**[116], **ANU**[420], **ASY**[87], **ATW**[116, 213, 217], **AUZ**[175], **AXZ**[213, 217], **AYZ**[70, 154, 264, 266, 350, 436], **BBF**[131], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 131, 228, 385, 435], **BBV**[119], **BBW**[94], **BBY**[145], **BDR**[95, 116], **BDT**[116], **BDY**[70, 96, 186, 199, 350, 436], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEN**[142], **BER**[119], **BGU**[119], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[83, 154, 323, 438], **BJW**[175], **BLQ**[55, 83, 155, 177, 300, 301, 394, 416, 417], **BLS**[160], **BMO**[436], **BNT**[385], **BOQ**[350], **BOT**[213, 217], **BOX**[29, 83, 86, 168, 175], **BOY**[15, 234, 236], **BPR**[385]	**AAB**[447], **AAF**[447], **AAQ**[447], **ABC**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AGW**[447], **AHM**[447], **ALT**[447], **AMQ**[447], **AMS**[447], **AMU**[447], **ANP**[447], **ANS**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **AXX**[447], **BBY**[447], **BCV**[447], **BDD**[447], **BDG**[447], **BDW**[447], **BHT**[447], **BHU**[447], **BII**[447], **BIO**[447], **BIR**[447], **BIU**[447], **BIV**[447], **BJK**[447], **BJR**[447], **BKT**[447], **BMS**[447], **BMY**[447], **BOX**[447]
Saltator fuliginosus	D, M	**ABC**[131], **AGG**[10, 165], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AJV**[153], **ANU**[420], **AQY**[6], **AYZ**[264], **BBF**[131], **BBP**[343], **BDY**[70, 96, 154, 186, 199, 350, 378, 436], **BDZ**[199, 280], **BGN**[153], **BGS**[177, 213], **BIO**[83, 154], **BOQ**[350]	**AAF**[447], **ABC**[447], **AFW**[447], **AGW**[447], **AMS**[447], **AZZ**[447], **BIO**[447], **BNO**[447]
Microspingus lateralis	D	**BBP**[237, 343]	**ABE**[447]
Microspingus cinereus	D, M	**AAN**[247], **AIJ**[175], **AIR**[98, 158, 433], **BBP**[343], **BLQ**[55], **BOT**[156, 213, 217], **BOX**[166]	**ABE**[447], **ACX**[447], **ADR**[447], **AEQ**[447], **ANP**[447], **ANV**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			AOT[447], **ARS**[447], **ART**[447], **BCV**[447], **BDW**[447], **BIR**[447], **BJN**[447], **BKT**[447]
Thlypopsis sordida	D, M	**ABM**[206], **AHS**[427], **AIN**[277, 436], **AIR**[92, 130], **AJP**[213, 217], **AJQ**[83, 385], **ALR**[165], **ARY**[213], **ASY**[87], **ATW**[116], **AYZ**[264, 266, 350, 436], **BBP**[343], **BBS**[57, 126, 131], **BDR**[95, 116], **BDZ**[280], **BEF**[58], **BHL**[206], **BIO**[83, 154, 165], **BJW**[175], **BLQ**[55, 394], **BOQ**[350], **BOX**[86, 168, 175]	**AAB**[447], **AAF**[447], **AAQ**[447], **ABB**[447], **AEQ**[447], **AES**[447], **AFL**[447], **AMQ**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ARS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **BCV**[447], **BFK**[447], **BFX**[447], **BHT**[447], **BHW**[447], **BIO**[447], **BIU**[447], **BJN**[447], **BKT**[447], **BKW**[447], **BOX**[447]
Donacospiza albifrons	D, M	**AAN**[83, 119, 247], **BBP**[175], **BBW**[155], **BEF**[58], **BLQ**[300, 394, 397, 416]	**ANP**[447], **ART**[447], **ARY**[447], **AXX**[447], **BFX**[447], **BHU**[447]
Piranga flava	D, M	**ABM**[206], **ACU**[303], **AFG**[419], **AFJ**[119], **AIL**[154], **AIN**[277], **AIR**[130], **AJQ**[385], **ANU**[420], **AOQ**[303], **ARY**[155], **AYZ**[264, 266], **BBP**[343], **BBV**[119], **BDX**[165], **BDZ**[99, 280], **BEF**[58], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154], **BLQ**[55, 300, 394, 397, 416], **BLS**[160], **BOX**[86, 168, 175], **BOY**[234, 236]	**AAF**[447], **AAQ**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **AMQ**[447], **AMU**[447], **AMX**[447], **ANP**[447], **AQW**[447], **ART**[447], **ARY**[447], **ASV**[447], **BCV**[447], **BEI**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BIL**[447], **BIO**[447], **BIU**[447], **BJM**[447], **BJR**[447], **BKS**[447], **BKT**[447], **BMM**[447]
Habia rubica	D, M	**AAF**[206], **ABM**[206], **ABR**[219], **AEK**[431], **AFM**[381], **AGG**[5, 10, 165], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AJP**[213, 217], **AKQ**[116], **APX**[165], **AQY**[5, 213], **ASX**[86], **ASY**[65, 239, 363], **ATW**[217], **AXZ**[213, 217], **AYZ**[264], **BBP**[120, 175, 343], **BBS**[120, 126, 127, 128], **BDR**[95], **BDY**[70, 96, 154, 186, 199, 350, 436], **BDZ**[96, 199, 280], **BEE**[70], **BEN**[142], **BEY**[116], **BFG**[224], **BFV**[165], **BGS**[156, 177, 213], **BGV**[213, 217], **BHL**[206], **BIO**[83, 154, 165], **BMZ**[154], **BOQ**[350], **BOX**[86, 175], **BOY**[137, 234, 236]	**AAF**[447], **AEQ**[447], **AFF**[447], **ANX**[447], **AQW**[447], **ART**[447], **ARY**[447], **BIO**[447], **BIU**[447], **BMT**[447], **BOX**[447]
Caryothraustes canadensis	D, M	**AAF**[206], **AAV**[83, 350], **ABM**[206], **ABR**[219], **AFM**[381], **AGG**[5, 10, 165], **AGM**[154], **AHS**[427], **AIL**[436], **AIN**[277, 344, 350, 436], **AIP**[350], **AJX**[116], **AJZ**[153, 155], **AOP**[154], **AXZ**[213, 217], **AYZ**[154, 264, 266, 350, 436], **BBS**[57, 70, 126, 131], **BDO**[436], **BDR**[116], **BDY**[70, 96, 186, 199, 350, 436], **BDZ**[5, 70, 165, 199, 280, 375], **BEE**[70, 96], **BEH**[131, 358], **BEN**[142], **BGS**[156, 213], **BGV**[213, 217], **BHL**[206], **BHY**[436], **BIO**[83, 154], **BMO**[436], **BMW**[68], **BMZ**[154], **BOQ**[350]	**AAF**[447], **AFL**[447], **ANW**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BEI**[447], **BEP**[447], **BIO**[447], **BMT**[447], **BNO**[447]
Amaurospiza moesta	D, M	**AIN**[277], **ASY**[175], **AYZ**[264, 266], **BBP**[237], **BEG**[28], **BOY**[236]	**AAQ**[447], **ACQ**[447], **ART**[447], **BHU**[447]
Cyanoloxia glaucocaerulea	D, M	**AAW**[154], **BEH**[358]	**AAF**[447], **ABC**[447], **ADS**[447], **AES**[447], **ASV**[447], **BHT**[447], **BIR**[447]
Cyanoloxia brissonii	D, M	**ABM**[206], **AFR**[435], **AHM**[385], **AHS**[427], **AIN**[277], **AIR**[92, 130], **AJP**[213, 217], **AQW**[154], **AQY**[6], **AVV**[155], **AYZ**[264], **BBS**[54, 57, 131, 435], **BDR**[95, 116], **BDZ**[280], **BEH**[131], **BER**[119], **BFR**[213, 217], **BFS**[116], **BGV**[213, 217], **BHL**[206], **BHN**[133], **BIO**[83, 154], **BJW**[175], **BLQ**[83, 394], **BLS**[160], **BOT**[213, 217], **BOX**[175]	**AAF**[447], **ABC**[447], **ACQ**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFQ**[447], **ALZ**[447], **AMS**[447], **AMT**[447], **ANP**[447], **ANV**[447], **ANX**[447], **AOT**[447], **AQS**[447], **ART**[447], **ARY**[447], **ASV**[447], **ATU**[447], **BCV**[447], **BFK**[447], **BFX**[447], **BHT**[447],

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
			BHU[447], **BIR**[447], **BIU**[447], **BJN**[447], **BJQ**[447], **BNO**[447]
Spinus magellanicus	D, M	**AAN**[247], **AEK**[207], **AIR**[130], **AJQ**[385], **BBH**[115, 215], **BBS**[126], **BBY**[145], **BLQ**[55, 83, 394], **BOX**[86, 168, 175]	**AAY**[447], **ABC**[447], **ABE**[447], **ACQ**[447], **ADR**[447], **AEQ**[447], **AFW**[447], **ANP**[447], **ANV**[447], **AOT**[447], **AQS**[447], **ART**[447], **ARY**[447], **BBY**[447], **BCV**[447], **BDG**[447], **BET**[447], **BFX**[447], **BHT**[447], **BHU**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BKW**[447], **BMY**[447], **BOX**[447]
Euphonia chlorotica	D, M	**AAF**[206], **AAN**[247, 435], **AAU**[206], **AAV**[350], **ABG**[385], **ABM**[206], **ABR**[219], **AFG**[419], **AFJ**[119], **AFR**[435], **AHS**[427], **AHV**[206], **AIN**[277, 350], **AIP**[350], **AIQ**[85], **AIR**[22, 92, 130, 385], **AJQ**[155, 385], **ALR**[165], **ANU**[420], **AQW**[154, 346], **AYZ**[264, 266, 350, 436], **BBF**[131], **BBP**[383], **BBS**[119, 126, 131, 435], **BBV**[119], **BBW**[94], **BDY**[186, 350], **BDZ**[96, 199], **BEF**[58], **BEG**[364], **BEH**[119, 131, 358], **BEJ**[67], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154, 323], **BJZ**[66], **BLQ**[300, 394, 416, 417], **BLS**[160], **BMW**[68], **BOQ**[350], **BOY**[137, 234, 236], **BPR**[385]	**AAF**[447], **AAI**[447], **AAQ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEQ**[447], **AES**[447], **AEU**[447], **AFL**[447], **AFQ**[447], **AFW**[447], **ALT**[447], **AMQ**[447], **AMU**[447], **AMZ**[447], **ANO**[447], **ANP**[447], **ANU**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **AST**[447], **ASU**[447], **ATU**[447], **AZZ**[447], **BCV**[447], **BEM**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BIU**[447], **BJM**[447], **BJS**[447], **BKS**[447], **BKT**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447]
Euphonia violacea	D, M	**AAF**[206], **AAU**[206], **AAV**[350], **ABM**[206], **ABR**[219], **ACO**[154], **ADI**[154], **ADJ**[154], **AEM**[154], **AFM**[165], **AGG**[165], **AGM**[154], **AHS**[427], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AIQ**[85, 119], **AIZ**[154], **AKN**[165], **AKQ**[116], **AMR**[154], **AMY**[154], **ANO**[217], **AOP**[154], **AOX**[154], **AOZ**[154], **APQ**[154], **APR**[154], **APV**[154], **APX**[157, 165], **APY**[154], **AQW**[154, 165, 346], **AQY**[6, 213], **ATW**[96, 217], **AXZ**[213, 217], **AYZ**[264, 266, 350], **BBP**[343], **BBS**[13, 54, 57, 83, 119, 126, 128, 131], **BBT**[104], **BBX**[154], **BDO**[436], **BDY**[186, 199, 350, 436], **BDZ**[199, 280], **BEE**[70], **BEG**[364], **BEH**[131, 358], **BEJ**[67], **BEN**[142], **BFV**[154], **BGH**[177, 213], **BGJ**[154], **BGS**[165, 177, 213], **BGV**[177, 213, 217], **BHL**[206], **BHY**[436], **BIO**[83, 154, 323], **BJZ**[66], **BLQ**[55], **BLS**[160], **BMW**[68], **BOQ**[350], **BOX**[168, 175]	**AAF**[447], **AAQ**[447], **ADM**[447], **AFL**[447], **AFW**[447], **AGY**[447], **AMZ**[447], **ANO**[447], **ANQ**[447], **ANU**[447], **ANY**[447], **AQV**[447], **AQW**[447], **ASU**[447], **BBM**[447], **BEM**[447], **BIO**[447], **BJN**[447], **BKK**[447], **BMT**[447], **BNO**[447]
Euphonia cyanocephala	D, M	**AAN**[247], **AAU**[206], **ABM**[206], **ADI**[154], **AHV**[206], **AIR**[130], **ALR**[165], **AOP**[154], **AYZ**[264, 266], **BBP**[343], **BBW**[94], **BDY**[186], **BDZ**[280], **BEF**[58], **BFV**[154], **BHL**[206], **BIO**[154], **BLQ**[394, 416], **BOY**[234]	**AAF**[447], **AEQ**[447], **AET**[447], **AEU**[447], **AFQ**[447], **AQW**[447], **ART**[447], **AXX**[447], **BBY**[447], **BHU**[447], **BIO**[447], **BKT**[447], **BOX**[447]
Euphonia xanthogaster	D, M	**ADJ**[154], **AOP**[154], **AOX**[154], **AOZ**[154], **APV**[154], **APX**[5, 20, 154, 165], **APY**[154], **AQW**[165], **ATW**[213, 217], **AXZ**[213, 217], **AYZ**[264, 266], **BBS**[57, 131, 435], **BDZ**[280], **BEE**[96, 154], **BEG**[364], **BFR**[213, 217], **BFV**[154], **BGS**[157, 177, 213]	**AQW**[447], **BMT**[447]
Euphonia pectoralis	D, M	**AAV**[350], **ABM**[206], **ACN**[165], **AHS**[427], **AIN**[277, 344, 350, 436], **AIP**[350], **AJY**[155], **AKQ**[116], **ALR**[165], **ANU**[420], **AOP**[154], **APY**[154], **AXZ**[213, 217], **AYZ**[350, 436], **BBS**[57, 126, 128, 131, 435], **BDY**[70, 186, 199, 350, 436], **BEF**[58], **BFR**[213, 217], **BHL**[206], **BIO**[83, 154, 165, 323], **BMO**[436], **BOQ**[350]	**AAF**[447], **AAZ**[447], **AET**[447], **AFQ**[447], **AHK**[447], **ANO**[447], **ASU**[447], **AXX**[447], **BHT**[447], **BIO**[447]

Species	Doc	Occurrences from traditional sources	Occurrences from WikiAves
Chlorophonia cyanea	D, M	**AAV**[350], **ABM**[206], **AIN**[154, 277, 344, 350, 436], **AIP**[350], **AJQ**[385], **AYZ**[264, 266, 436], **BBP**[175, 383], **BBW**[94], **BDY**[186, 199, 350, 436], **BDZ**[280], **BHL**[206], **BIO**[154, 165], **BLQ**[83, 155, 300, 301, 394, 416], **BOQ**[350]	**AAF**[447], **ABE**[447], **ACQ**[447], **AEQ**[447], **AEU**[447], **AGW**[447], **ART**[447], **ARY**[447], **ATU**[447], **BHU**[447], **BIO**[447]
Estrilda astrild	D, M	**AAU**[206], **ABG**[385], **AHV**[206], **AJQ**[385], **AQW**[346], **BBP**[343], **BBS**[126], **BBT**[104], **BEJ**[67], **BIO**[154], **BMW**[68], **BOX**[175]	**AAI**[447], **ADM**[447], **AES**[447], **AFL**[447], **AFW**[447], **AMQ**[447], **AMU**[447], **ANN**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **AOT**[447], **AQW**[447], **ARS**[447], **ARY**[447], **BBF**[447], **BDD**[447], **BHU**[447], **BIQ**[447], **BJM**[447], **BMS**[447], **BNO**[447], **BNQ**[447], **BOX**[447]
Passer domesticus	D, M	**AAD**[175], **AAU**[206], **ABC**[131], **ABG**[385], **ABM**[206], **AEK**[175], **AEW**[70], **AFJ**[119], **AFL**[312], **AHS**[427], **AHV**[206], **AIL**[436], **AIN**[436], **AIR**[92], **AJQ**[83, 385, 395], **AMQ**[319], **ANU**[420], **AQW**[154, 346], **AQY**[319], **AVW**[155], **AYZ**[154, 350, 436], **BBP**[343], **BBS**[126, 131], **BBT**[104], **BDZ**[199], **BEJ**[67], **BER**[119], **BGU**[119], **BHL**[206], **BHN**[133], **BIO**[154, 323], **BJZ**[66], **BLS**[160], **BMW**[68], **BOX**[29, 46, 86, 175]	**AAF**[447], **AAI**[447], **AAQ**[447], **AAR**[447], **ACJ**[447], **ACQ**[447], **ADM**[447], **ADR**[447], **ADS**[447], **AEL**[447], **AEO**[447], **AEQ**[447], **AER**[447], **AES**[447], **AEV**[447], **AFL**[447], **AFW**[447], **AGW**[447], **AHJ**[447], **AHL**[447], **AIJ**[447], **ALZ**[447], **AMQ**[447], **AMU**[447], **ANO**[447], **ANP**[447], **ANQ**[447], **ANV**[447], **ANW**[447], **AOT**[447], **AQS**[447], **AQV**[447], **AQW**[447], **ARS**[447], **ART**[447], **ARY**[447], **ATU**[447], **AZZ**[447], **BBM**[447], **BCV**[447], **BDD**[447], **BDE**[447], **BDG**[447], **BDW**[447], **BEM**[447], **BFK**[447], **BHT**[447], **BHU**[447], **BIO**[447], **BIQ**[447], **BIR**[447], **BJM**[447], **BJN**[447], **BJS**[447], **BKO**[447], **BKS**[447], **BKT**[447], **BKV**[447], **BMS**[447], **BMT**[447], **BNO**[447], **BOX**[447], **BPP**[447], **BPR**[447]

SOURCES: 1 – (Anonymous 1991); **2** – (Abreu & Vieira 2000); **3** – (Abreu & Vieira 2004); **4** – (Aguiar-Silva *et al.* 2012); **5** – (Aguirre 1951); **6** – (Aguirre 1954); **7** – (Aguirre & Aldrighi 1983); **8** – (Aguirre & Aldrighi 1987, Schubart, 1965 #100); **9** – (Schubart *et al.* 1965; Aguirre & Aldrighi 1987); **10** – (Aguirre & Aldrighi 1987); **11** – (Aleixo, 1991 apud Collar *et al.* 1992); **12** – (Aleixo 1992); **13** – (Alexander & Alder 1999); **14** – (Alvarenga *et al.* 2006); **15** – (Alvarenga *et al.* 2013); **16** – (Alves *et al.* 2007); **17** – (Alves *et al.* 2009); **18** – (Alves 2014); **19** – (Amaral 2007); **20** – (AMNH); **21** – (Andrade-Greco & Andrade 2000); **22** – (Andrade 1984); **23** – (Andrade 1991); **24** – (Andrade 1996); **25** – (Andrade & Andrade 1997); **26** – (Andrade *et al.* 1998); **27** – (Andrade & Andrade-Greco 2000); **28** – (Andrade *et al.* 2011); **29** – (ANSP); **30** – (Banhos & Sanaiotti 2011); **31** – (Barbosa *et al.* 2006); **32** – (Benfica *et al.* 2009); **33** – (BirdLife-International 2000); **34** – (BLB); **35** – (Branco 2001); **36** – (Brandt 1992); **37** – (Brandt 1993b); **38** – (Brandt 1993c); **39** – (Brandt 1993a); **40** – (Burmeister, 1853 apud Collar *et al.* 1992); **41** – (Bustamante *et al.* 1994); **42** – (Bustamante 1996a); **43** – (Bustamante 1996b); **44** – (Cabanne *et al.* 2007); **45** – (Camargo, 1964 apud Collar *et al.* 1992); **46** – (Campos *et al.* 2012); **47** – (Campos *et al.* 2013); **48** – (Cândido 1988); **49** – (Canuto 2008b); **50** – (Canuto 2008a); **51** – (Canuto 2009); **52** – (Canuto *et al.* 2012); **53** – (Capdevile & Teixeira 2013); **54** – (Carnevalli 1978); **55** – (Carnevalli 1980); **56** – (Carnevalli 1982); **57** – (Carnevalli & Mattos s.d.); **58** – (Carrara & Faria 2012); **59** – (Carvalho Filho *et al.* 2006); **60** – (Carvalho-Filho *et al.* 2005); **61** – (Carvalho-Filho *et al.* 2008); **62** – (Carvalho *et al.* 2003); **63** – (Carvalho *et al.* 2009); **64** – (Carvalho & Carvalho-Filho 2013); **65** – (Carvalho *et al.* 2013);

66 – (Celulose 2003b); **67** – (Celulose 2003a); **68** – (Celulose 2003c); **69** – (Cerqueira Junior *et al.* 2007); **70** – (CLO); **71** – (CM); **72** – (Coelho *et al.* 2006); **73** – (Collar *et al.* 1992); **74** – (COMB); **75** – (Cordeiro *et al.* 1998); **76** – (Cory, 1924 apud Collar *et al.* 1992); **77** – (Costa *et al.* 2010); **78** – (Cunha & Specht 2009); **79** – (Darrieu 1983); **80** – (Duarte *et al.* 2014); **81** – (Duca & Marini 2004); **82** – (Duca & Marini 2005); **83** – (DZUFMG); **84** – (DZUFMG); (Vasconcelos 2013); **85** – (Enout 2014); **86** – (Erickson & Mumford 1976); **87** – (Fadini & Marco 2004); **88** – (Faria & Rodrigues 2006c); **89** – (Faria & Rodrigues 2006a); **90** – (Faria & Rodrigues 2006b); **91** – (Faria & Kanegae 2006); **92** – (Faria *et al.* 2006); **93** – (Faria & Kanegae 2008); **94** – (Fernandes 2013); **95** – (FMNH); **96** – (FNJV); **97** – (Forrester, 1987 apud Collar *et al.* 1992); **98** – (Forrester, 1990 apud Collar *et al.* 1992); 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**131** – (Machado 1995); **132** – (Machado *et al.* 1995); **133** – (Machado & Lamas 1996); **134** – (Machado *et al.* 1998); **135** – (Machado & Fonseca 2000); **136** – (Mafia *et al.* 2011); **137** – (Maldonado-Coelho & Marini 2003); **138** – (Maldonado-Coelho *et al.* 2017b); **139** – (Maldonado-Coelho *et al.* 2017a); **140** – (Marini & Lopes 2005); **141** – (Marsden *et al.* 2000); **142** – (Marsden *et al.* 2001); **143** – (Martinelli 2011); **144** – (Mateus & Saccol 2012); **145** – (Mateus 2013); **146** – (Mattos & Sick 1985); **147** – (Mattos *et al.* 1991); **148** – (Mattos & Simon 1994); **149** – (Mattos & Andrade 2000); **150** – (Mazzoni *et al.* 2011); **151** – (Mazzoni *et al.* 2012); **152** – (Mazzoni *et al.* 2014); **153** – (Mazzoni *et al.* 2016); **154** – (MBML 2007); **155** – (MCNA); **156** – (MCZ); **157** – (MCZ); **158** – (Melo-Júnior 1996); **159** – (Melo-Júnior *et al.* 1998); **160** – (Melo-Júnior *et al.* 2001); **161** – (Melo & Couto 1991); 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(Rochido & Andrade 2000); **243** – (Rochido 2000); **244** – (Rochido 2001b); **245** – (Rochido 2001a); **246** – (Rodrigues *et al.* 2009); **247** – (Rodrigues *et al.* 2011); **248** – (Ruschi 1949c); **249** – (Ruschi 1949b); **250** – (Ruschi 1949d); **251** – (Ruschi 1949f); **252** – (Ruschi 1949e); **253** – (Ruschi 1949a); **254** – (Ruschi 1950); **255** – (Ruschi 1951); **256** – (Ruschi 1953b); **257** – (Ruschi 1953a); **258** – (Ruschi 1961); **259** – (Ruschi 1962a); **260** – (Ruschi 1962b); **261** – (Ruschi 1963); **262** – (Ruschi 1964); **263** – (Ruschi 1965b); **264** – (Ruschi 1965a); **265** – (Ruschi 1967); **266** – (Ruschi 1969); **267** – (Ruschi 1973d); **268** – (Ruschi 1973a); **269** – (Ruschi 1973e); **270** – (Ruschi 1973c); **271** – (Ruschi 1973b); **272** – (Ruschi 1974); **273** – (Ruschi 1975b); **274** – (Ruschi 1975a); **275** – (Ruschi 1976a); **276** – (Ruschi 1976b); **277** – (Ruschi 1977); **278** – (Ruschi 1978); **279** – (Ruschi 1980b); 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**313** – (Sick 1960); **314** – (Sick 1962); **315** – (Sick 1969); **316** – (Sick 1970); **317** – (Sick 1979); **318** – (Sick & Teixeira 1979); **319** – (Sick 1997); **320** – (Silva *et al.* 1994); **321** – (Silva & Matallana 2007); **322** – (Silva 2008); **323** – (Silva & Martinelli 2011); **324** – (Silva *et al.* 2011); **325** – (Silva 2012); **326** – (Silva *et al.* 2013b); **327** – (Silva *et al.* 2013a); **328** – (Silva & Hoffmann 2017); **329** – (Silveira & Nobre 1998); **330** – (Simão *et al.* 1997); **331** – (Simon & Pacheco 1992); **332** – (Simon *et al.* 1993); **333** – (Simon *et al.* 1994a); **334** – (Simon *et al.* 1994b); **335** – (Simon & Pacheco 1996a); **336** – (MZJMO ; Simon & Pacheco 1996b); **337** – (Simon & Pacheco 1996b); **338** – (Simon & Ribon 1997); **339** – (Simon 1997); **340** – (Simon *et al.* 1998); **341** – (Simon & Bustamante 1999); **342** – (Simon *et al.* 1999a); **343** – (Simon *et al.* 1999b); **344** – (Simon 2000a); **345** – (Simon 2000b); **346** – (Simon 2001); **347** – (Simon & Lima 2004); **348** – (Simon 2004); **349** – (Simon *et al.* 2005); **350** – Simon, 2006 #7749}; **351** – (Simon *et al.* 2007); **352** – (Simon *et al.* 2008); **353** – (Simon *et al.* 2009); **354** – (Simon & Magnago 2013); **355** – (Simon *et al.* 2013a); **356** – (Simon *et al.* 2013b); **357** – (Simon 2013); **358** – (Slomp 2012); **359** – (Snethlage 1930); **360** – (Snethlage 1936); **361** – (Soares *et al.* 2008); **362** – (Souza & Marques 2008); **363** – (Souza & Valdetaro 2012); **364** – (Souza & Ribeiro-Júnior 2016); **365** – (Souza *et al.* 2016); **366** – (Specht *et al.* 2008); **367** – (Srbek-Araujo & Chiarello 2006); **368** – (Srbek-Araújo & Chiarello 2008); **369** – (Srbek-Araujo *et al.* 2012); **370** – (Steains 1888); **371** – (Studer & Vielliard 1988); **372** – (Teixeira *et al.* 2014); **373** – (Tomotani & Silveira 2016); **374** – (Travassos 1944); **375** – (Travassos & Freitas 1948); **376** – (Travassos *et al.* 1964); **377** – (Ubaid *et al.* 2018); **378** – (UF); **379** – (UFMT); **380** – (UMMZ); **381** – (USNM); **382** – (UWYMV); **383** – (Valério *et al.* 2015); **384** – (Vallejos & Santos 2014); **385** – (Vasconcelos); **386** – (Vasconcelos & Lins 1998); **387** – (Vasconcelos 1998a); **388** – (Vasconcelos 1998b); **389** – (Vasconcelos 1999c); **390** – (Vasconcelos 1999a); **391** – (Vasconcelos 1999b); **392** – (Vasconcelos *et al.* 1999); **393** – (Vasconcelos 2000); **394** – (Vasconcelos & Melo Júnior 2001); **395** – (Vasconcelos 2001a); **396** – (Vasconcelos & Veado 2001); **397** – (Vasconcelos 2001b); **398** – (Vasconcelos 2002a); **399** – (Vasconcelos 2002b); **400** – (Vasconcelos *et al.* 2003d); **401** – (Vasconcelos *et al.* 2003c); **402** – (Vasconcelos *et al.* 2003b); **403** – (Vasconcelos *et al.* 2003a); **404** – (Vasconcelos & Silva 2003); **405** – (Vasconcelos 2003); **406** – (Vasconcelos *et al.* 2004); **407** – (Vasconcelos *et al.* 2005); **408** – (Vasconcelos *et al.* 2006c); 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MCZ. Museum of Comparative Zoology, Cambridge, USA.

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MPEG. Museu Paraense Emílio Goeldi, Belém, Brazil.

MVZ. Museum of Vertebrate Zoology, Berkeley, USA.

MZJMO. Museu de Zoologia João Moojen, Universidade Federal de Viçosa, Viçosa, Brazil.

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APPENDIX E. Species recorded in the Rio Doce Basin (RDB) but which occurrence in the area is unlike.

1. *Crypturellus undulatus* – records for Rio Matipó (Moojen 1937), and Parque Estadual do Rio Doce (Forrester 1993; Lins 2001; Carnevalli & Mattos s.d.) probably represents a misidentification of *C. noctivagus*, a common species in the region and that exhibits a superficially similar song. The record for Viçosa (Moojen *et al.* 1941), where subsequent inventories failed to find it (Monteiro *et al.* 1983; Monteiro & Mattos 1984; Ribon *et al.* 2003) is also open to doubt. Given that other open and/or dry habitat birds, such as *Rhynchotus rufescens*, *Brotogeris chiriri* and *Saltator coerulescens*, were also cited for Viçosa region in the same paper, we believe that some records from other localities were inadvertently incorporated in this list. These birds were probably collected in Pirapora, a locality explored by Moojen in 1937 (Pinto 1952).

2. *Nothura minor* - One purported specimen of this species (USNM 335208) was collected in "Conceição do Serro", a locality that was not traced by Collar et al. (1992), who misread it as “Conceição do Lerro”. Conceição do Serro was the former name of the current municipality of Conceição do Mato Dentro (Costa 1970).. This specimen, which was captured in 1933 and lived in the Belo Horizonte Zoo for some time, was personally examined by LEL on 2008 and is referable to *N. maculosa*. The record of *N. minor* for Alto do Palácio (Willis & Oniki 1991), also cited by Collar et al. (1992), was later corrected by Willis (2003), who alleged that it "may have been a Spotted Nothura (*N. maculosa*), as it was not heard singing and was seen in flight".

3. *Anas platalea* – recorded in Reserva Biológica de Sooretama (Ruschi 1980), this species is mostly restricted to southern Brazil (Sick 1997), only reaching southeastern Brazil as a vagrant.

4. *Netta peposaca* – recorded in Propriedade Particular da Companhia Agrícola Florestal (Branco 2001) this species is mostly restricted to southern Brazil (Sick 1997), only reaching southeastern Brazil as a vagrant.

5. *Penelope marail* – recorded in Rio Itambacuri (Steains 1888), this is an Amazonian species that does not occur in the Atlantic Forest (Sick 1997).

6. *Tigrisoma fasciatum* – recorded in Reserva Biológica de Sooretama (Ruschi 1980), the species is unlike to occur in the lowlands of Espírito Santo, where there is no appropriate habitat for it.

7. *Agamia agami* – recorded in the Tabuleiros Costeiros próximos ao Rio Doce, (Celulose 2003), the species does not occur in the Atlantic Forest (Sick 1997).

8. *Nyctanassa violacea* – recorded in Reserva Biológica de Sooretama (Ruschi 1980), this species is mostly restricted to mangroves (Sick 1997), a kind of habitat that does not exist in this area.

9. *Egretta caerulea* – recorded in Parque Estadual do Rio Doce (Alexander & Alder 1999; Lins 2001), this species is typical of mangroves and coastal areas, being not regularly found inland in Brazil, except in the Pantanal (Sick 1997; Tubelis & Tomas 2003). Although easily identifiable, we also opted to exclude this species from the list based on several other erroneous records of Alexander and Alder (1999).

10. *Plegadis chihi* – recorded in the Parque Estadual do Rio Doce (Forrester 1993; Lins 2001; Carnevalli & Mattos undated) and Rio Matipó (Moojen 1943). Almost certainly a misidentification of the superficially similar *Mesembrinibis cayennensis*. G.T. Mattos (pers. com.) informed us that he never recorded this species in the Parque Estadual do Rio Doce, where only *M. cayennensis* was observed. There are also four specimens of *M. cayennensis* collected by Moojen during his expedition to Rio Matipó and deposited in MZJMO and MNRJ, corroborating our hypothesis of misidentification or maybe nomenclatural mistake.

11. *Gampsonyx swainsonii* – recorded in Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Machado 1995), this open area species is usually not found in densely forested areas, avoiding the region formerly covered by the Atlantic Forest (Ferguson-Lees & Christie 2001). Furthermore, Machado (1995) presented several other doubtful records, what contributed with our decision of excluding this species from the mains list.

12. *Buteogallus aequinoctialis* – recorded in Reserva Biológica de Sooretama, (Ruschi 1980), this species has no record for and is unlikely to occur in Espírito Santo (Pacheco & Bauer 2001).

13. *Jacana spinosa* – recorded in the Parque Estadual do Rio Doce (Carnevalli 1978), this is a certainly nomenclatural mistake with *Jacana jacana*, a species also record in the same study.

14. *Sterna hirundo* – recorded in the Estação de Pesquisa e Desenvolvimento Ambiental de Peti (Carnevalli *et al.* 1989; Machado 1995) and Parque Estadual do Rio Doce (Pagani-Passos *et al.* 2015). This seabird is seldom

observed inland in South America (Harrison 1983). Probably a misidentification of the superficially similar *Sternula superciliaris*, occasionally recorded in the RDB.

15. *Micrococcyx cinereus* – recorded in Serra do Caparaó (Ruschi 1978), what represents a marked and undocumented extension in range for the species (Sick 1997). Furthermore, there is no suitable habitat for it in the region.

16. *Nyctiprogne leucopyga* – recorded in Lagoa Juparanã (Aguirre 1951), this is a predominantly Amazonian species that does not occur in the Atlantic Forest (Cleere & Nurney 1998).

17. *Nyctidromus nigrescens* – recorded in Colatina (Ribon 1993), this is an identification mistake, later corrected by the same author (Ribon 2000) after the description of a new blackish subspecies of *C. hirundinaceus* (Ribon 1995).

18. *Phaethornis nigrirostris* – recorded in Estação Biológica de Santa Lúcia (Ruschi 1977) and in Reserva Biológica Augusto Ruschi (Forrester 1993; Sick 1997), where the holotype (MBML 8777) (MBML 488) and an additional specimen have been collected on 5 April 1973. Sick {, 1979 #1939}, accompanied by R. Ridgely, observed this species in the field on 1977 at Reserva Biológica Augusto Ruschi

19. This is probably an invalid species, representing only a variation of *P. eurynome* (Hinkelmann 1988).

20. *Phaethornis margarettae* – recorded in Museu de Biologia Mello Leitão (Willis & Oniki 2002), Reserva Biológica de Sooretama (Forrester 1993), and Santa Teresa {Vielliard, 1994 #980}, where a specimen have been collected on 04 January 1977 (MBML 1752). There is no definitive record of the species in these areas.

21. *Florisuga mellivora* – recorded in Museu de Biologia Mello Leitão (Willis & Oniki 2002), where a specimen was collected on 15 March 1991 (MBML 6650), this is an Amazonian species (Sick 1997). Likely a mislabeled captive bird.

22. *Lophornis chalybeus* – recorded in Vargem Alegre (Ihering & Ihering 1907), this is probably a nomenclatural mistake or even typographical error, because only *L. magnificus* have been collected in this locality (Pinto 1938). Records for Museu de Biologia Mello Leitão (Willis & Oniki 2002), Reserva Biológica Augusto Ruschi, (Forrester 1993), Reserva Biológica de Sooretama (Ruschi 1980), and Santa Teresa (Ruschi 1982; Ruschi & Simon 2012) are probably identification mistakes.

23. *Eulampis jugularis* – recorded in Estação Biológica de Santa Lúcia (MBML 2007), this species is restricted to Caribbean islands (Schuchmann 1999). Likely a mislabeled specimen.

24. *Tachornis squamata* – recorded in Santa Teresa (YPM); Reserva Biológica de Sooretama (Ruschi 1980; Forrester 1993; Parker & Goerck 1997), and Reserva Natural Vale (Srbek-Araujo *et al.* 2012). A species that does not occur in Espírito Santo (Pacheco & Bauer 2001) and that is closely associated with palm grooves (Sick 1997), a habitat that are absent in the area.

25. *Trogon melanurus* – Recorded in the Sooretama/Linhares reserves (Marsden *et al.* 2001), this record certainly refers to *T. rufus*, whose English name (Black-throated Trogon, correctly presented in the paper), is somewhat similar to the English name of *Trogon melanurus* (Black-tailed Trogon).

26. *Trogon curucui* – recorded in Córrego Braço do Sul (Schubart *et al.* 1965), this species does not occur in the southeastern and southern part of the Atlantic Forest (Sick 1997).

27. *Pteroglossus castanotis* – recorded in the Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Carnevalli *et al.*), this species is not found in the Atlantic Forest (Sick 1997).

28. *Picumnus exilis* – recorded in Reserva Biológica de Sooretama (Ruschi 1980; Forrester 1993; Parker & Goerck 1997), this species does not occur in Espírito Santo (Pacheco & Bauer 2001; Rêgo *et al.* 2014).

29. *Picumnus pygmaeus* – recorded in Estação Biológica de Santa Lúcia (Ruschi 1977) and in the Museu de Biologia Mello Leitão (Ruschi 1965, 1969), this species does not occur in Espírito Santo (Sick 1997).

30. *Veniliornis spilogaster* – recorded in Parque Estadual do Rio Doce (Alexander & Alder 1999; Lins 2001), Campus da Universidade Federal de Viçosa (Volpato *et al.* 2018), Museu de Biologia Mello Leitão (Ruschi 1965), and Reserva Biológica de Sooretama (Ruschi 1980). This species is not found in tropical lowlands and probably represents a misidentification of *V. maculifrons* (G.T. Mattos pers. com.). Record for Rio Barra Seca (Marsden *et al.* 2001) is obviously a nomenclatural mistake, because the English (Little Woodpecker) and the scientific name presented refers to distinct species, neither of which occur in the Lower Rio Doce. Probably *V. affinis* was intended.

31. *Veniliornis mixtus* – recorded in Parque Estadual Mata do Limoeiro (Delphi, 2010 apud Ambiente 2013), where suitable habitat for the species is absent.

32. *Celeus lugubris* – recorded in the Parque Estadual do Rio Doce (Alexander & Alder 1999), this species is typical to the Pantanal and Chaco region (Sick 1997).

33. *Micrastur gilvicollis* – recorded in lower Rio Doce (Sick 1997), Brejo Grande, Linhares (MBML 2007); Estação Biológica de Santa Lúcia (Ruschi 1977; Simon 2000; Silva *et al.* 2011); Museu de Biologia Mello Leitão (Ruschi 1965). and in the surroundings of the Reserva Biológica Augusto Ruschi (Vieira *et al.* 2007), this species does not reach the Atlantic Forest, being restricted to the Amazon. The Atlantic Forest birds previously referred to this species are now referred as *M. mintoni*, a recently described cryptic species (Whittaker 2002).

34. *Ara severus* – recorded in the Parque Estadual do Rio Doce (Alexander & Alder 1999), Estação Biológica de Santa Lúcia (Ruschi 1977) and Reserva Biológica de Sooretama (Ruschi 1980), this is an Amazonian species (Juniper & Parr 1998). Possibly a misidentification of *P. maracana*, which is morphologically similar and common in the region.

35. *Pionus fuscus* – there is one specimen in MBML labelled as obtained in Lagoa Nova, Linhares. This is an Amazonian species (Juniper & Parr 1998) that was probably reared in captivity by Ruschi and further mislabeled. Record for Reserva Biológica de Sooretama (Ruschi 1980) is also a mistake.

36. *Amazona pretrei* – recorded in Piranga (MZJMO), what represents a marked northward, but unlike, extension in range (Sick 1997).

37. *Amazona brasiliensis* – recorded in Reserva Biológica de Sooretama (CLO), what represents a marked, but unlike, northward extension in range (Sick 1997).

38. *Amazona aestiva* – recorded in Museu de Biologia Mello Leitão (Ruschi 1965), Parque Estadual do Rio Doce (Carnevalli 1978; Willis & Oniki 1991; Forrester 1993; Machado 1995; Lins 2001; Carnevalli & Mattos s.d.); Reserva Biológica de Sooretama (Ruschi 1980; Forrester 1993; Parker & Goerck 1997), Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Forrester 1993; Machado 1995; Slomp 2012), and Serra do Caparaó (Ruschi 1978). This popular cagebird is usually not found in the Atlantic Forest, but these records might well

represent, in addition to identification mistakes, escapes from captivity or birds released in the region by someone.

39. *Myrmotherula unicolor* – recorded in Reserva Biológica Augusto Ruschi (Forrester 1993), Reserva Biológica de Sooretama (Parker & Goerck 1997), and Estação Biológica Mata do Sossego (Enout 2014). it was likely a *M. minor* (Willis & Oniki 2002). The species is restricted to southern portion of the Atlantic Forest, does nor reaching the RDB (Ridgely & Tudor 2009).

40. *Formicivora erythronotos* – recorded in Reserva Biológica de Sooretama (Ruschi 1980) and Serra do Caparaó (Ruschi 1978), this species is restricted to coastal Rio de Janeiro (Ridgely & Tudor 2009)

41. *Formicivora grisea* – recorded in Parque Estadual do Rio Doce (Carnevalli 1978; Forrester 1993; Lins 2001; Carnevalli & Mattos undated), Serra do Caparaó (Ruschi 1978), and Viçosa (Monteiro *et al.* 1983; Monteiro & Mattos 1984). This is almost certainly a misidentification of the similar *F. serrana*. The record of this species for Vargem Alegre (Ihering & Ihering 1907) was also of *F. serrana*, undescribed at that time (Gonzaga & Pacheco 1990).

42. *Formicivora melanogaster* – recorded in Reserva Biológica de Sooretama (Ruschi 1980), this dry habitat species does not occur in Espírito Santo (Ridgely & Tudor 2009).

43. *"Dysithamnus melanops*" – recorded in Fazenda Santana, Lagoa Juparanã, Linhares (MNRJ). A typographical error, because the species does not exist.

44. *Herpsilochmus atricapillus* – recorded in Viçosa, but named *H. pileatus* by Monteiro & Mattos (1984). This is a dry-habitat species, common in the Cerrado and Caatinga and that only marginally occur in the Atlantic Forest (Ridgely & Tudor 2009).

45. *Herpsilochmus longirostris* – recorded in Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Forrester 1993; Carnevalli *et al.*), this species is endemic to the Cerrado and does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

46. *Thamnophilus doliatus* – recorded in Parque Estadual do Rio Doce (Carnevalli 1978), Serra do Caraça (Carnevalli 1980), Museu de Biologia Mello Leitão (Ruschi 1965, 1969), and Estação Biológica de Santa Lúcia (Ruschi 1977). This very characteristic species is usually not found in the Atlantic Forest (Ridgely &

Tudor 2009). Probably a misidentification of the voice of another Thamnophilidae.

47. *Thamnophilus multistriatus* – recorded in Parque Estadual do Rio Doce (Carnevalli 1978), this is a striking mistake, because this species is restricted to western Colombia and adjacent northwestern Venezuela (Ridgely & Tudor 2009). One possibility is the confusion with the female *T. palliatus* a common species in the middle Rio Doce. Surprisingly, this species was also recorded by the same author in two sites in the municipality of Belo Horizonte (Carnevalli & Rigueira 1982; Rigueira *et al.* 1982), where *T. palliatus* does not occurs what makes this record even more incomprehensible.

48. *Thamnophilus pelzelni* – recorded in Middle Rio Doce (Pinto 1978), Resplendor (Pinto 1952), and Rio Suaçuí Grande (Pinto 1952), this is a misidentification of the similar *T. ambiguus*, also collected by Kaempfer (Naumburg 1937), and that Pinto failed to identify properly.

49. *Myrmoderus squamosus* – recorded in Museu de Biologia Mello Leitão (Ruschi 1965), Reserva Biológica de Sooretama (Ruschi 1980), and Reserva Biológica de Sooretama (CLO), this species does not reach Espírito Santo, where the congeneric *M. loricatus* is the species found (Ridgely & Tudor 2009).

50. *Pyriglena atra* – recorded in Reserva Biológica de Sooretama (Ruschi 1980), this species does not occur in Espírito Santo (Ridgely & Tudor 2009).

51. *Scytalopus novacapitalis* – recorded in Serra do Caraça (Andrade 1991; Mattos *et al.* 1991; Wege & Long 1995; COA, 1989 apud Machado *et al.* 1998) and Alto do Palácio (Willis & Oniki 1991). A misidentification and/or a nomenclatural confusion with the recently described *S. petrophilus* (Whitney *et al.* 2010).

52. *Chamaeza ruficauda* – recorded in Parque Estadual do Itacolomi (Ozório *et al.* 1993), Parque Estadual do Rio Doce (Forrester 1993; Lins 2001; Carnevalli & Mattos s.d.), Serra do Caraça (Forrester 1993), Museu de Biologia Mello Leitão (Ruschi 1965, 1969), and Estação Biológica de Santa Lúcia (Ruschi 1977). This is a highland species usually recorded only above 1000 m and at southern latitudes (Ridgely & Tudor 2009).

53. *Sclerurus rufigularis* – recorded in Alto Santa Rosa, Baixo Guandu (Pimenta *et al.* 2013), Área Rural de Brejetuba (Pimenta *et al.* 2013), Entorno dos Cinco Pontões (Pimenta *et al.* 2013), and RPPN do Senhor Delton (Pimenta *et al.*

2013). This Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

54. *Geositta poeciloptera* – recorded in Área Rural de Brejetuba (Pimenta *et al.* 2013) and RPPN do Senhor Delton (Pimenta *et al.* 2013), this species is endemic to the Cerrado (Lopes *et al.* 2010).

55. *Deconychura longicauda* – recorded in Santa Teresa (MNRJ), this is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

56. *Xiphorhynchus pardalotus* – recorded in Área Rural de Brejetuba (Pimenta *et al.* 2013) and RPPN do Senhor Delton (Pimenta *et al.* 2013), this is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

57. *Nasica longirostris* – recorded in Estação Biológica de Santa Lúcia (Ruschi 1977), this is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

58. *Heliobletus contaminatus* – recorded in Reserva Biológica Augusto Ruschi (Forrester 1993) and Reserva Biológica de Sooretama (Ruschi 1980), it was likely *Xenops rutilans* (Willis & Oniki 2002).

59. *Schoeniophylax phryganophilus* – recorded in Museu de Biologia Mello Leitão (Ruschi 1965, 1969), this dry-habitat species does not occur in Espírito Santo (Sick 1997; Ridgely & Tudor 2009).

60. *Synallaxis scutata* – recorded in Antônio Dias (Machado 1995), Estação Biológica Mata do Sossego (Machado, 1993 apud Machado 1995), Estação de Pesquisa e Desenvolvimento Ambiental de Peti (Machado, 1989 apud Machado 1995; Faria *et al.* 2006), and RPPN Guilman Amorim (Machado & Lamas 1996). This dry-habitat species is usually generally absent from most of the Atlantic Forest (Ridgely & Tudor 2009).

61. *Schiffornis major* – recorded in Colatina and Rio São José (Aguirre & Aldrighi 1987), this is an Amazonian species (Ridgely & Tudor 2009). Likely a nomenclatural mistake with *S. turdina*.

62. *Phytotoma rutila* – recorded in Reserva Natural Vale (Venturini *et al.* 2007), where there is no suitable habitat for the species (Ridgely & Tudor 2009). Furthermore, this represents a huge but undocumented extension in range for the species.

63. *Lipaugus ater* – recorded in Museu de Biologia Mello Leitão (Ruschi 1965), Serra do Caparaó (Ruschi 1978), and Reserva Biológica de Sooretama (Ruschi 1980). This is a range restricted species that does not occur in Espírito Santo (Pacheco & Bauer 2001; Ridgely & Tudor 2009).

64. *Cotinga cayana* – recorded in Rio Suaçuí Grande (Aguirre & Aldrighi 1987), it is a nomenclatural mistake with *C. maculata*, collected in this same locality (Pinto 1944).

65. *Xipholena punicea* – recorded in Córrego Cupido (Aguirre 1951), this is a nomenclatural mistake with *X. atropurpurea*, which occur in the region.

66. *Platyrinchus platyrhynchos* – recorded in Estação Biológica de Santa Lúcia (Ruschi 1977), Reserva Biológica Augusto Ruschi (UF), and Santa Teresa (YPM), this is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

67. *Myiopagis gaimardii* – recorded in Parque Estadual do Rio Doce (Mattos *et al.* 1991; Alexander & Alder 1999) and in Reserva Biológica de Sooretama (Forrester 1993; Parker & Goerck 1997). The record of this species for Parque Estadual do Rio Doce was not confirmed by G.T. Mattos (pers. com.), who expressed doubts about the occurrence of this species in eastern Minas Gerais. There is also an uncertain record of the species for Santa Teresa (Scott & Broke 1985). This species is very rare in the Atlantic Forest, where an isolated population is known in northeastern Brazil (Teixeira *et al.* 1986; Ridgely & Tudor 2009).

68. *Sublegatus modestus* – recorded in Parque Estadual do Rio Doce (Ribon *et al.* 1989; Lins 2001), this species is closely tied to open and dry-habitats, with some populations migrating to the Amazonia during winter (Ridgely & Tudor 1994). Unlike to occur in the humid lowlands of RDB, even at borders.

69. *Knipolegus aterrimus* – recorded in Serra do Caraça and/or Estação de Pesquisa e Desenvolvimento Ambiental de Peti (Forrester 1993). This is a dry-habitat bird, with scarce records in Brazil (Bornschein *et al.* 2003), which still needs confirmation (Piacentini *et al.* 2015).

70. *Hylophilus pectoralis* – recorded in Raul Soares (LACM), this is a predominantly Amazonian species that does not reach the Atlantic Forest (Ridgely & Tudor 2009).

71. *Canthorchilus leucotis* – recorded in Reserva Privada do Patrimônio

Natural Feliciano Miguel Abdala (Forrester 1993), it is obviously a misidentification of *Pheugopedius genibarbis*, which is common in the area.

72. *Anthus nattereri* – recorded in Viçosa (Monteiro *et al.* 1983), it is probably a misidentification of the similar *A. hellmayri.* One *A. hellmayri* collected in Viçosa in 1969 (DZUFMG 3143) was only correctly identified in 2000.

73. *Icterus pyrrhopterus* – recorded in Viçosa region (Monteiro *et al.* 1983), where the species is not known to occur (D'Horta *et al.* 2008).

74. *Icterus chrysocephalus* – the specimen from Santa Teresa collected on 22 July 1957 (MBML 5309) probably died in captivity and was mislabeled. This is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009)

75. *Sturnella militaris* – recorded in Estação de Pesquisa e Desenvolvimento Ambiental de Peti (Faria *et al.* 2006), it is certainly a nomenclatural mistake with *S. superciliaris*.

76. *Dolichonyx oryzivorus* – recorded in Área Rural de Brejetuba (Pimenta *et al.* 2013), Entorno dos Cinco Pontões (Pimenta *et al.* 2013), and RPPN do Senhor Delton (Pimenta *et al.* 2013). This is a Neartic migrant, with no records for Espírito Santo (Ridgely & Tudor 2009).

77. *Neothraupis fasciata* – recorded in Viçosa (Monteiro *et al.* 1983), this species is closely tied to open Cerrado vegetation (Ridgely & Tudor 2009), a kind of habitat not found in the Viçosa Region. It is probably a misidentification of the superficially similar *Microspingus cinereus*.

78. *Paroaria coronata* – the specimen from Santa Teresa collected on 29 May 1955 (MBML 6169) probably died in captivity and was mislabeled. A bird tied to dry, open-habitats (Ridgely & Tudor 2009).

79. *Tangara fastuosa* – recorded in Parque Estadual do Rio Doce (Alexander & Alder 1999), this species is restricted to the northeastern Brazilian Atlantic Forest (Ridgely & Tudor 2009). This record could be either a misidentification of *T. seledon*, or a cagebird released by someone.

80. *Tangara cyanocephala* – the record of this species for Mata do Paraíso, Viçosa, was obtained on September 1967 by G.T. Mattos (pers. com.) accompanied by H. Sick. Mattos never recorded this species again in the region, and this record was repeated by further authors (Monteiro *et al.* 1983; Monteiro & Mattos

1984). There is a second of the species for the Parque Estadual da Serra do Brigadeiro, but no further detail is provided (Simon *et al.* 1999). These are abnormally inland records for this species, which is usually found close to the coast (Ridgely & Tudor 2009). Probably a vagrant or a cagebird.

81. *Conirostrum bicolor* – recorded in Museu de Biologia Mello Leitão (Ruschi 1965) and in Reserva Biológica de Sooretama (Ruschi 1980), this species is restricted to mangroves in southeastern Brazil (Ridgely & Tudor 2009), a kind of habitat that does not occur in these two localities.

82. *Hemithraupis guira* – recorded in Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Forrester 1993; Slomp 2012; Carnevalli *et al.*), this species is not usually found in the Atlantic Forest (Ridgely & Tudor 2009).

83. *Coryphospingus cucullatus* – recorded in Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Forrester 1993; Carnevalli *et al.*), Reserva Biológica de Sooretama (Forrester 1993), and Viçosa (MZJMO), this taxon is considered by some authors as conspecific with *C. pileatus*, the record of this species may represent only a nomenclatural mistake.

84. *Lanio surinamus* – recorded in Parque Estadual do Rio Doce (Alexander & Alder 1999), this is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

85. *Tachyphonus rufus* – recorded in Estação Biológica de Santa Lúcia (Ruschi 1977), Museu de Biologia Mello Leitão (Ruschi 1965, 1969), Reserva Biológica Augusto Ruschi (Forrester 1993), Reserva Biológica de Sooretama (Forrester 1993), and Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala (Forrester 1993). This species is usually not recorded in the Atlantic Forest (Ridgely & Tudor 2009).

86. *Dacnis lineata* – recorded in Santa Teresa (MBML 2007), this is an Amazonian species that does not occur in the Atlantic Forest (Ridgely & Tudor 2009).

87. *Sporophila plumbea* – recorded in Viçosa (Monteiro *et al.* 1983), where the species does not occur. Probably a scape from captivity or an identification mistake.

88. *Sporophila albogularis* – recorded in Estação de Pesquisa e Desenvolvimento Ambiental de Peti, this species was introduced in the area (Faria *et al.* 2006).

89. *Dolospingus fringilloides* – recorded in Parque Estadual do Rio Doce (Machado 1995), this is a restricted range species, known only to occur in southern Venezuela, eastern Colombia and extreme northwestern Brazil (Ridgely & Tudor 2009). Probably a misidentification of a *Sporophila.*

90. *Saltator coerulescens* – recorded in Viçosa (Moojen *et al.* 1941), the non-acceptance of this record is justified in the account of *C. undulatus*.

91. *Spiza americana* – recorded in the Parque Estadual do Rio Doce (Machado 1995; Lins 2001), this is a Neartic migrant that winters in northern South America, only reaching the extreme northern Brazil (Ridgely & Tudor 2009).

92. *Spinus yarrellii* – recorded in lower Rio Doce (Aguirre 1954), with specimens from Santa Teresa (MBML 2007), Itambacuri (MBML 2007), and Viçosa (MZJMO). This is a rare and threatened species restricted to northeastern Brazil (Ridgely & Tudor 2009). Museum specimens probably refer to mislabeled cagebirds or escapes from captivity.

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APPENDIX F. Species confirmed to occur in the Rio Doce Basin, but for which records for some localities were not accepted here because they: 1) represent a large and undocumented extension in range; 2) represent a large extension in the known altitudinal limit of the species at that latitude; 3) were recorded in an unsuitable habitat; 4) probably refer to a morphological or vocal similar species, common in the area; 5) probably represent a typographical or nomenclatural mistake; 6) they probably represent a mislabeled museum specimen; 7) probably refer to a cage bird released in the area by someone and with no stablished population at the time of the study; 8) misidentified museum specimen.

Current Name	Locality	Sources	Reasons
Crypturellus noctivagus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Rhynchotus rufescens	Viçosa, MG	(Moojen *et al.* 1941)	
Ortalis araucuan	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965)	
Crax blumenbachii	Museu de Biologia Mello Leitão, Santa Teresa, ES	(CLO)	
Egretta caerulea	Parque Estadual do Rio Doce, Marliéria, MG	(Alexander & Alder 1999; Lins 2001)	
Elanus leucurus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Heterospizias meridionalis	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Parabuteo leucorrhous	Parque Estadual do Rio Doce, Marliéria, MG	(Forrester 1993; Lins 2001; Carnevalli & Mattos s.d.)	
Harpia harpyja	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993)	
Aramides cajaneus	Entorno da Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Vieira *et al.* 2007)	
Aramides cajaneus	Estação Biológica de Santa Lúcia, Santa Teresa, ES	(Ruschi 1977; Simon 2000; MBML 2007)	
Aramides cajaneus	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965)	
Aramides cajaneus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Columbina minuta	Parque Estadual do Rio Doce, Marliéria, MG	(Alexander & Alder 1999; Lins 2001)	
Columbina minuta	Viçosa, MG	(MZJMO)	
Pulsatrix perspicillata	Estação Biológica Mata do Sossego, Simonésia, MG	(Machado, 1993 apud Machado 1995)	
Pulsatrix perspicillata	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Faria *et al.* 2006)	
Pulsatrix perspicillata	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965, 1969)	

Current Name	Locality	Sources	Reasons
Pulsatrix perspicillata	Parque Estadual do Rio Doce, Marliéria, MG	(Alexander & Alder 1999; Lins 2001)	
Pulsatrix perspicillata	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Pulsatrix perspicillata	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Nyctibius aethereus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Antrostomus rufus	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965, 1969)	
Hydropsalis forcipata	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Nannochordeiles pusillus	Parque Estadual do Rio Doce, Marliéria, MG	(Forrester 1993; Machado 1995; Lins 2001; Carnevalli & Mattos s.d.)	
Cypseloides fumigatus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Chaetura cinereiventris	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Machado, 1989 apud Andrade 1984; Carnevalli *et al.* 1989; Machado 1995)	
Chaetura cinereiventris	Parque Estadual do Itacolomi, Ouro Preto and Mariana, MG	(Ozório *et al.* 1993)	
Chaetura cinereiventris	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Chaetura cinereiventris	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Campylopterus largipennis	Santa Teresa, ES	(Vielliard 1994; MBML 2007)	
Discosura langsdorffi	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1953, 1965, 1969; Willis & Oniki 2002)	
Chlorestes notata	Parque Estadual do Rio Doce, Marliéria, MG	(Machado 1995; Lins 2001)	
Chlorestes notata	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Thalurania furcata	Antônio Dias, Antônio Dias, MG	(Machado 1995)	
Thalurania furcata	Córrego do Machado, Ferros, MG	(Machado & Fonseca 2000)	
Thalurania furcata	Córrego do Peixe, Nova Era, MG	(Machado & Fonseca 2000)	
Thalurania furcata	Nova Era, Nova Era, MG	(Machado 1995)	
Thalurania furcata	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Machado 1995; Slomp 2012)	
Thalurania furcata	Vale do Canaã, Santa Teresa, ES	(Oniki 1996; Willis & Oniki 2002)	

Current Name	Locality	Sources	Reasons
Hylocharis cyanus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Hylocharis cyanus	Viçosa, MG	(MZJMO ; Erickson & Mumford 1976; Monteiro *et al.* 1983)	
Hylocharis cyanus	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Machado, 1989 apud Carnevalli *et al.* 1989; Machado 1995; Faria *et al.* 2006)	
Heliomaster longirostris	Parque Estadual do Itacolomi, Ouro Preto and Mariana, MG	(Ribon 2006)	
Heliomaster longirostris	Santa Teresa, ES	(MBML 2007)	
Heliomaster longirostris	Parque Ecológico do Itabiruçu, Itabira, MG	(Mattos *et al.* 1991)	
Trogon rufus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Chloroceryle inda	Parque Estadual do Rio Doce, Marliéria and others, MG	(Carnevalli 1978; Forrester 1993; Machado 1995; Lins 2001; Carnevalli & Mattos s.d.)	
Melanerpes flavifrons	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Veniliornis affinis	Parque Estadual do Rio Doce, Marliéria, MG	(Alexander & Alder 1999)	
Veniliornis affinis	Santa Teresa, ES	(MBML 2007)	
Veniliornis passerinus	Parque Estadual do Rio Doce, Marliéria, MG	(Forrester 1993; Machado 1995; Lins 2001; Loures-Ribeiro 2008; Carnevalli & Mattos s.d.)	
Veniliornis passerinus	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Forrester 1993)	
Piculus flavigula	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Vasconcelos & Melo Júnior 2001)	
Piculus polyzonus	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Faria *et al.* 2006)	
Piculus polyzonus	Parque Estadual do Rio Doce, Marliéria, MG	(Alves *et al.* 2009)	
Piculus polyzonus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	

Current Name	Locality	Sources	Reasons
Piculus polyzonus	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Ara ararauna	Itarana, Itarana, ES	(MBML 2007)	
Diopsittaca nobilis	Parque Estadual do Rio Doce, Marliéria, MG	(Lins 2001)	
Diopsittaca nobilis	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Diopsittaca nobilis	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Vasconcelos & Melo Júnior 2001)	
Pyrrhura cruentata	Viçosa, MG	(Moojen *et al.* 1941)	
Pionus reichenowi	Parque Estadual do Rio Doce, Marliéria, MG	(Lins 2001)	
Pionus reichenowi	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Pionus reichenowi	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Pionus reichenowi	Viçosa, MG	(Moojen *et al.* 1941)	
Amazona amazonica	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Amazona amazonica	Área Rural de Brejetuba, Brejetuba, ES	(Pimenta *et al.* 2013)	
Amazona rhodocorytha	Viçosa, MG	(Monteiro *et al.* 1983; Monteiro & Mattos 1984; Collar *et al.* 1992)	
Myrmotherula axillaris	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Formicivora grisea	Parque Estadual do Rio Doce, Marliéria, MG	(Carnevalli 1978; Forrester 1993; Carnevalli & Mattos s.d.) (Lins 2001)	
Formicivora grisea	Vargem Alegre, São Domingos do Prata, São Domingos do Prata, MG	(Ihering & Ihering 1907)	
Formicivora grisea	Viçosa, MG	(Monteiro *et al.* 1983; Monteiro & Mattos 1984)	
Formicivora grisea	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Formicivora rufa	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Thamnomanes caesius	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Thamnomanes caesius	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993)	

Current Name	Locality	Sources	Reasons
Thamnophilus doliatus	Estação Biológica de Santa Lúcia, Santa Teresa, ES	(Ruschi 1977)	
Thamnophilus doliatus	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965, 1969)	
Thamnophilus doliatus	Parque Estadual do Rio Doce, Marliéria, MG	(Carnevalli 1978)	
Thamnophilus doliatus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Thamnophilus ruficapillus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993; Parker & Goerck 1997) (Vieira *et al.* 2007)	
Thamnophilus ambiguus	Campus da Universidade Federal de Viçosa, MG	(MVZ)	
Thamnophilus ambiguus	Mata da Silvicultura, Universidade Federal de Viçosa, MG	(Erickson & Mumford 1976)	
Thamnophilus ambiguus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Thamnophilus ambiguus	Viçosa, MG	(ANSP ; Moojen *et al.* 1941; Monteiro *et al.* 1983; Monteiro & Mattos 1984)	
Batara cinerea	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(FNJV ; Ruschi 1980)	
Batara cinerea	Rio Barra Seca (includes some records for the Reserva Biológica de Sooretama and the Reserva Natural da Vale do Rio Doce), Linhares and Sooretama, ES	(Marsden *et al.* 2001)	
Cercomacra brasiliana	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993)	
Cercomacra brasiliana	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Cercomacra brasiliana	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Ruschi 1980)	
Drymophila squamata	Viçosa, MG	(Monteiro *et al.* 1983)	
Drymophila squamata	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Sclerurus macconnelli	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Forrester 1993)	
Sclerurus macconnelli	Estação Ecológica do Tripuí, Ouro Preto, MG	(COA s.d.)	
Sclerurus macconnelli	Alto Santa Rosa, Baixo Guandu, ES	(Pimenta *et al.* 2013)	
Sclerurus macconnelli	Área Rural de Brejetuba, Brejetuba, ES	(Pimenta *et al.* 2013)	

Current Name	Locality	Sources	Reasons
Sclerurus macconnelli	Entorno dos Cinco Pontões, Laranja da Terra, ES	(Pimenta *et al.* 2013)	
Sclerurus macconnelli	RPPN do Senhor Delton, Afonso Cláudio, ES	(Pimenta *et al.* 2013)	
Sclerurus macconnelli	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Mattos *et al.* 1991; Forrester 1993; Sick 1997)	
Dendrocincla turdina	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Xiphorhynchus guttatus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(FNJV ; Forrester 1993)	
Xiphorhynchus guttatus	Estação Biológica de Santa Lúcia, Santa Teresa, ES	(Ruschi 1977)	
Xiphorhynchus guttatus	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Furnarius leucopus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Furnarius leucopus	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Machado 1995; Slomp 2012; Carnevalli *et al.*)	
Furnarius leucopus	Estação Ecológica do Tripuí, Ouro Preto, MG	(COA)	
Furnarius leucopus	Parque Estadual Mata do Limoeiro, Itabira, MG	(Delphi, 2010 apud Ambiente 2013)	
Anabacerthia lichtensteini	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Philydor atricapillus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Heliobletus contaminatus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Heliobletus contaminatus	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Ruschi 1980)	
Cichlocolaptes leucophrus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Phacellodomus ruber	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Faria *et al.* 2006)	
Synallaxis frontalis	Divinésia, Divinésia, MG	(Erickson & Mumford 1976)	
Neopelma pallescens	Parque Estadual do Rio Doce, Marliéria, MG	(Forrester 1993; Lins 2001; Carnevalli &	

Current Name	Locality	Sources	Reasons
		Mattos s.d.) (Machado 1995)	
Neopelma pallescens	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Machado 1995; Slomp 2012; Carnevalli *et al.* s.d.)	
Neopelma pallescens	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980; Forrester 1993)	
Neopelma aurifrons	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Machado, 1989 apud Machado 1995)	
Neopelma aurifrons	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Antilophia galeata	Linhares, Linhares, ES	(MBML 2007)	
Antilophia galeata	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Ruschi 1980)	
Oxyruncus cristatus	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Myiobius barbatus	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Faria *et al.* 2006)	
Myiobius barbatus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Vasconcelos & Melo Júnior 2001)	
Piprites chloris	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Tolmomyias poliocephalus	Campus da Universidade Federal de Viçosa, MG	(Cândido 1988)	
Tolmomyias flaviventris	Parque Estadual do Rio Doce, Marliéria, MG	(Forrester 1993; Carnevalli & Mattos s.d.)	
Todirostrum cinereum	Entorno da Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Vieira *et al.* 2007)	
Todirostrum cinereum	Estação Biológica de Santa Lúcia, Santa Teresa, ES	(Ruschi 1977)	
Todirostrum cinereum	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965; Willis & Oniki 2002) (Ruschi 1969)	
Todirostrum cinereum	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Hemitriccus orbitatus	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Hemitriccus orbitatus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Hemitriccus margaritaceiventer	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Hemitriccus margaritaceiventer	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	

Current Name	Locality	Sources	Reasons
Elaenia parvirostris	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Machado, 1989 apud Machado 1995; Faria *et al.* 2006)	
Elaenia parvirostris	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993; Willis & Oniki 2002)	
Elaenia parvirostris	Viçosa, MG	(MZJMO ; Monteiro *et al.* 1983; Monteiro & Mattos 1984)	
Elaenia parvirostris	Campus da Universidade Federal de Viçosa, Viçosa, MG	(MZJMO ; Erickson & Mumford 1976)	
Elaenia parvirostris	Mata do Paraíso, Universidade Federal de Viçosa, Viçosa, MG	(MZJMO)	
Elaenia mesoleuca	Entorno da Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Vieira *et al.* 2007)	
Elaenia mesoleuca	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993; Willis & Oniki 2002)	
Elaenia mesoleuca	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Elaenia mesoleuca	Serra do Cipó, Conceição do Mato Dentro, Conceição do Mato Dentro, MG	(Melo-Júnior *et al.* 2001)	
Elaenia cristata	Parque Estadual do Rio Doce, Marliéria, MG	(Machado 1995; Lins 2001)	
Elaenia chiriquensis	Parque Estadual do Rio Doce, Marliéria, MG	(Carnevalli 1978; Alexander & Alder 1999; Lins 2001)	
Elaenia chiriquensis	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Elaenia chiriquensis	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Forrester 1993)	
Elaenia chiriquensis	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993)	
Elaenia chiriquensis	Linhares, ES	(Simon 2001)	
Elaenia chiriquensis	Reserva Natural Vale, Linhares, ES	(Srbek-Araujo *et al.* 2012)	
Elaenia chiriquensis	Restinga de Barra Nova (Balneário Guriri), São Mateus, ES	(Celulose 2003b)	
Elaenia chiriquensis	Restinga de Degredo, Linhares, ES	(Celulose 2003a)	
Elaenia chiriquensis	Tabuleiros Costeiros próximos ao Rio Doce, Linhares, ES	(Celulose 2003c)	

Current Name	Locality	Sources	Reasons
Phyllomyias virescens	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Phyllomyias virescens	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Ruschi 1980)	
Phyllomyias griseocapilla	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Ramphotrigon megacephalum	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993; Parker & Goerck 1997)	
Myiarchus tuberculifer	Parque Estadual do Itacolomi, Ouro Preto and Mariana, MG	(Ozório *et al.* 1993)	
Casiornis rufus	Parque Estadual do Rio Doce, Marliéria, MG	(Carnevalli 1978)	
Conopias trivirgatus	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Ruschi 1980; Forrester 1993)	
Conopias trivirgatus	RPPN do Senhor Delton, Afonso Cláudio, ES	(Pimenta *et al.* 2013)	
Conopias trivirgatus	Alto Santa Rosa, Baixo Guandu, ES	(Pimenta *et al.* 2013)	
Conopias trivirgatus	Área Rural de Brejetuba, Brejetuba, ES	(Pimenta *et al.* 2013)	
Conopias trivirgatus	Entorno dos Cinco Pontões, Laranja da Terra, ES	(Pimenta *et al.* 2013)	
Conopias trivirgatus	Museu de Biologia Mello Leitão, Santa Teresa, ES	(Ruschi 1965, 1969)	
Sublegatus modestus	Parque Estadual do Rio Doce, Marliéria, MG	(Ribon *et al.* 1989; Lins 2001)	
Fluvicola albiventer	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.*)	
Knipolegus nigerrimus	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Xolmis irupero	Museu de Biologia Mello Leitão, Santa Teresa, ES	(MBML 2007)	
Hylophilus amaurocephalus	RPPN Guilman Amorim, Antônio Dias, MG	(Machado & Lamas 1996)	
Hylophilus amaurocephalus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Riparia riparia	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Cantorchilus longirostris	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Forrester 1993)	
Polioptila plumbea	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Slomp 2012)	

Current Name	Locality	Sources	Reasons
Arremon taciturnus	Jatiboca-Limoeiro, Itarana, ES	(Sick 1997)	
Basileuterus culicivorus hypoleucus	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Machado 1995; Slomp 2012; Carnevalli *et al.* s.d.)	
Basileuterus culicivorus hypoleucus	Viçosa, MG	(Erickson & Mumford 1976; Monteiro *et al.* 1983)	
Myiothlypis leucoblephara	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Myiothlypis leucoblephara	Serra do Caparaó, Iúna and others, ES/MG	(Ruschi 1978)	
Myiothlypis leucoblephara	Viçosa, MG	(Erickson & Mumford 1976; Monteiro *et al.* 1983; Monteiro & Mattos 1984)	
Myiothlypis rivularis	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980; Forrester 1993)	
Icterus jamacaii	Museu de Biologia Mello Leitão, Santa Teresa, ES	(MBML 2007)	
Icterus jamacaii	Viçosa, MG	(MNRJ, Moojen, 1943 #1342)	
Icterus jamacaii	Santa Teresa, ES	(MBML 2007)	
Molothrus oryzivorus	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Neothraupis fasciata	Viçosa, MG	(Monteiro *et al.* 1983)	
Stephanophorus diadematus	Viçosa, MG	(Monteiro *et al.* 1983)	
Schistochlamys melanopis	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Forrester 1993)	
Tangara brasiliensis	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Tangara seledon	Estação Ecológica do Tripuí, Ouro Preto, MG	(COA s.d.)	
Tangara seledon	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980; Forrester 1993)	
Tangara desmaresti	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Machado, 1989 apud Carnevalli *et al.* 1989; Machado 1995)	
Tangara desmaresti	Parque Estadual do Rio Doce, Marliéria, MG	(Alexander & Alder 1999; Lins 2001)	
Tangara desmaresti	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993; Carnevalli *et al.* s.d.)	
Tangara cyanoptera	Dores de Guanhães, Dores de Guanhães, MG	(Coelho *et al.* 2006)	
Tangara cyanoptera	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Machado 1995; Slomp 2012)	

Current Name	Locality	Sources	Reasons
Chlorophanes spiza	Serra do Caraça, Catas Altas and Santa Bárbara, MG	(Carnevalli 1980)	
Hemithraupis flavicollis	Estação de Pesquisa e Desenvolvimento Ambiental de Peti, Santa Bárbara and São Gonçalo do Rio Abaixo, MG	(Machado, 1989 apud Carnevalli *et al.* 1989; Machado 1995)	
Lanio cristatus	Viçosa, MG	(Erickson & Mumford 1976)	
Sporophila albogularis	Lagoa Juparanã, Linhares, ES	(Aguirre 1951)	
Sporophila albogularis	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Ruschi 1980)	
Sporophila maximiliani	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Jorge-Pádua 1978; Forrester 1993)	
Sporophila maximiliani	Reserva Biológica de Sooretama, Sooretama and Linhares, ES	(Jorge-Pádua 1978; Forrester 1993)	
Emberizoides herbicola	Reserva Biológica Augusto Ruschi, Santa Teresa, ES	(Forrester 1993)	
Pyrrhocoma ruficeps	Rio Barra Seca (includes some records for the Reserva Biológica de Sooretama and the Reserva Natural da Vale do Rio Doce), Linhares and Sooretama, ES	(Marsden *et al.* 2001)	
Spinus magellanicus	Reserva Privada do Patrimônio Natural Feliciano Miguel Abdala, Caratinga, MG	(Forrester 1993)	

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