

RESEARCH ARTICLE

Presence of migratory and resident birds in an urban canal: a potential refuge for birds in an anthropogenic environment

Presencia de aves migratorias y residentes en un canal urbano: un potencial refugio para aves en un entorno antropogénico

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ABSTRACT

Urban expansion has led to the fragmentation and degradation of natural habitats, significantly impacting bird communities. Despite their artificial origin, urban canals may serve as important refuges for avifauna, offering food and water resources in highly anthropized landscapes. However, little is known about the avian diversity present in these environments, particularly in Chile. This study aims to determine the composition and diversity of migratory and resident birds in the urban Canal Ifarle (Talcahuano, Chile). Bird surveys were conducted over a one-year period during seasonal transitions, complemented by data from the citizen science platform *eBird* (2016–2023). A total of 79 species belonging to 13 taxonomic orders were recorded, including 12 long-distance migratory species from the Northern Hemisphere. These findings highlight the role of urban canals as alternative habitats for avifauna, particularly in urbanized regions where natural wetlands are scarce. The presence of migratory species suggests that Canal Ifarle may contribute to ecological connectivity by serving as a stopover site along migration routes. While this study provides baseline data on bird diversity in an urban canal, further research is needed to assess habitat quality, species breeding activity, and the potential impact of pollution and human disturbance. Understanding the ecological role of artificial water bodies is essential for developing conservation strategies in urban environments.

Keywords: artificial channel, avian diversity, ecology of bodies urban water, migratory birds.

RESUMEN

La expansión urbana ha provocado la fragmentación y degradación de los hábitats naturales, impactando significativamente a las comunidades de aves. A pesar de su origen artificial, los canales urbanos pueden servir como refugios importantes para la avifauna, ofreciendo recursos de alimento y agua en paisajes altamente antropizados. Sin embargo, se sabe poco sobre la diversidad de aves presente en estos ambientes, particularmente en Chile. Este estudio tiene como objetivo determinar la composición y diversidad de aves migratorias y residentes en el canal urbano Ifarle (Talcahuano, Chile). Se realizaron censos de aves durante un período de un año durante las transiciones estacionales, complementados con datos de la plataforma de ciencia ciudadana *eBird* (2016–2023). Se registraron un total de 79 especies pertenecientes a 13 órdenes taxonómicos, incluidas 12 especies migratorias de larga distancia del hemisferio norte. Estos hallazgos resaltan el papel de los

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canales urbanos como hábitats alternativos para la avifauna, particularmente en regiones urbanizadas donde los humedales naturales son escasos. La presencia de especies migratorias sugiere que el canal Ifarle puede contribuir a la conectividad ecológica al servir como sitio de parada a lo largo de las rutas migratorias. Si bien este estudio proporciona datos de referencia sobre la diversidad de aves en un canal urbano, se necesitan más investigaciones para evaluar la calidad del hábitat, la actividad reproductiva de las especies y el posible impacto de la contaminación y las perturbaciones humanas. Comprender el papel ecológico de los cuerpos de agua artificiales es esencial para desarrollar estrategias de conservación en entornos urbanos.

Palabras clave: aves migratorias, canal artificial, diversidad aviar, ecología de cuerpos de agua urbanos.

INTRODUCTION

Urban development has led to the fragmentation and loss of natural habitats, affecting biodiversity, including bird communities (Farías-Rivero *et al.* 2022). Urbanization also alters ecological conditions through the reduction of vegetation cover (Bojorges 2009), the modification of water bodies, and the increase of pollutants (Gaston *et al.* 2006), which influences the distribution and composition of bird species (Xie *et al.* 2022; Li *et al.* 2013). Artificial channels have been developed to serve multiple functions, such as providing water for domestic and industrial consumption, mitigating flood risks, and facilitating navigation (Bo-Kyung *et al.* 2025). These channels exhibit a consistent structure, low flow velocity, controlled water levels, and consequently lack the dynamic characteristics typically associated with rivers (Willby *et al.* 2001). However, artificial canals and other urbanized water bodies, can provide critical refuges for migratory and resident birds, offering food resources and rest areas in highly anthropized landscapes (Giosa *et al.* 2018).

Several studies have shown that urbanization generates negative effects on birds' biodiversity (Guimarães *et al.* 2024; McDonald *et al.* 2020; Marzluff *et al.* 2012) and the conversion of natural habitats into urban landscapes has led to the decline of specialist species and the homogenization of bird communities, favoring generalist species that are tolerant to human disturbance (Isaksson 2018). However, urban water bodies have been identified as key elements in the conservation of avian biodiversity, as they offer a microhabitat with greater food availability and less competition than other urban spaces (Giosa *et al.* 2018). However, although these habitats may support diverse biological communities, their ecological

quality can be altered by anthropogenic pressures, potentially reducing individual fitness and limiting their suitability for more sensitive species (Sievers *et al.* 2018). Research in urban aquatic habitats has documented patterns of space use by avifauna and has highlighted the importance of these environments in ecological connectivity (Morgan *et al.* 2026; Hamer *et al.* 2012). For example, studies in urban waterways have found that waterbird diversity can be comparable to that of natural wetlands, especially in those with well-preserved riparian vegetation and low human disturbance (Morgan *et al.* 2026 Huang *et al.* 2022; Li *et al.* 2013).

In Latin America, high levels of migratory bird activity have been recorded in urban environments, underlining their relevance as ecological corridors and temporary feeding sites (Pacheco-Muñoz *et al.* 2025). In addition, ecological corridors play a crucial role in facilitating species dispersal and providing suitable habitats, which may contribute to high species richness and abundance (Li *et al.* 2024). These structures offer suitable environments for organisms to inhabit, enhance the interconnectedness of different areas within a given landscape, and hence have the potential to function as pathways for migration (Casas *et al.* 2011). Channels have been also identified as secondary habitats for a variety of fish species (Waltham & Connolly 2007; Wolter 2001); invertebrates (Grumiaux & Dhainaut-Courtois 1996), and aquatic macrophytes (Weber *et al.* 2012; Willby *et al.* 2001) and birds (Wise *et al.* 2024; Xie *et al.* 2022; Li *et al.* 2013), however, in Chile there are no descriptions of richness of birds in artificial channels

Specifically, urban canals can play a crucial role in the ecology of migratory birds by providing water and food resources along their migration route (Berlenga *et al.* 2010). The presence of resident birds in these

environments also suggests their potential as an alternative habitat, especially in regions where natural ecosystems have been degraded (SEO/BirdLife 2017; Trama *et al.* 2008; Blanco *et al.* 2006).

Studies have indicated that the availability of aquatic and riparian vegetation can influence species richness and the number of individuals using these habitats (Arcos *et al.* 2008). However, the lack of adequate management strategies could limit the ecological functionality of these environments and compromise their role in the conservation of avian biodiversity (MMA 2021).

Given the potential role of urban canals in bird conservation, this study aims to assess the diversity of migratory and resident birds in an urban canal. To this end, I seek to answer the question: What is the composition of the bird community in the urban Canal "Ifarle"? This study will contribute to knowledge about urban ecology and aquatic habitat management, providing relevant information for the conservation of biodiversity in urbanized environments.

MATERIALS AND METHODS

The study was conducted at the Canal Ifarle (36°45'17" S, 73°05'04" W; Fig. 1), located in the commune of Talcahuano, in the Biobío Region, Chile.

To assess avian diversity, surveys were conducted along the entire length of the canal during each seasonal transition over one year (2023). In each season, sampling was carried out over seven consecutive days, with one complete survey conducted per day. All surveys began at 07:00 h. Observations were performed by one observer, maintaining a consistent sampling effort across seasons; the birds seen within a radius of 25 meters from the observation point were counted. Furthermore, the E-bird tool was employed to include avian species that were not included in our records. Some species recorded in E-bird that do not coincide with their distribution ranges or habitats or do not present photographs of the sighting were excluded.

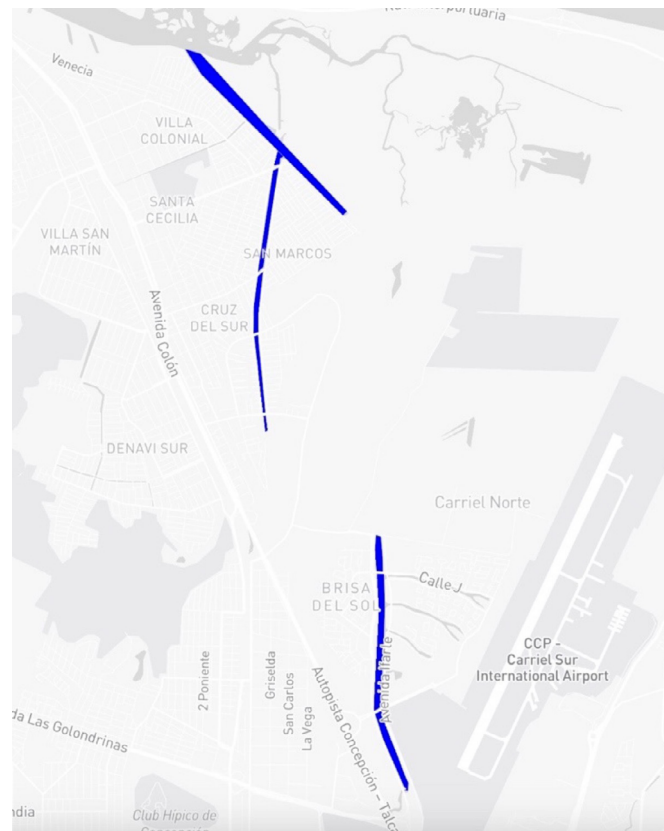


FIGURE 1. Map of the Canal Ifarle. The blue area indicates the route followed during each survey. / Mapa del Canal Ifarle. La zona azul indica la ruta seguida durante cada estudio.

RESULTS

A total of 79 bird species were recorded in the Canal Ifarle (see Appendix 1), representing 13 taxonomic orders (Fig. 2). Of these, the majority of records corresponded to direct field observations, while a smaller subset of species ($n = 7$) were detected exclusively through eBird records, highlighting the complementary role of citizen science in increasing species detectability.

Species richness was not evenly distributed among taxonomic orders. The most species-rich orders were Charadriiformes (22; 27.8%) and Passeriformes (22; 27.8%), followed by Anseriformes (8; 10.1%) and Pelecaniformes (7; 8.9%). In contrast, several orders such as Apodiformes and Suliformes were represented by a single species (Fig. 2).

In terms of abundance (based on number of individuals observed), the assemblage was strongly dominated by species associated with aquatic and coastal environments. Within Charadriiformes, the most frequently recorded species included *Himantopus mexicanus* Müller, 1776 (135 individuals), *Vanellus chilensis*

Molina, 1782 (128), *Rynchops niger* Linnaeus, 1758 (131), *Tringa flavipes* Gmelin, 1789 (616), and *T. melanoleuca* Gmelin, 1789 (521). Similarly, within Anseriformes, high abundances were observed for *Anas georgica* Gmelin, 1789 (142), *Coscoroba coscoroba* Molina, 1782 (60), and *A. flavirostris* Vieillot, 1816 (77). Among Passeriformes, relatively high counts were recorded for *Sicalis luteola* Meyen, 1834 (43) and *Molothrus bonariensis* Gmelin, 1789 (42), although overall abundances in this order were more evenly distributed among species.

A total of 12 long-distance migratory species most of them from the Northern Hemisphere were identified, all belonging primarily to the order Charadriiformes. These included: *T. flavipes*, *T. melanoleuca*, *Calidris bairdii* Coues, 1861, *C. fuscicollis* Vieillot, 1819, *C. himantopus* Bonaparte, 1826, *C. minutilla* Vieillot, 1819, *C. melanotos* Vieillot, 1819, *Phalaropus tricolor* Vieillot, 1819, *Limosa haemastica* Linnaeus, 1758, *Numenius phaeopus* Linnaeus, 1758, *Leucophaeus pipixcan* Lichtenstein, 1823. Several of these species were among the most abundant in the study, particularly *T. flavipes* and *T. melanoleuca*, indicating intensive use of the canal during migratory periods.

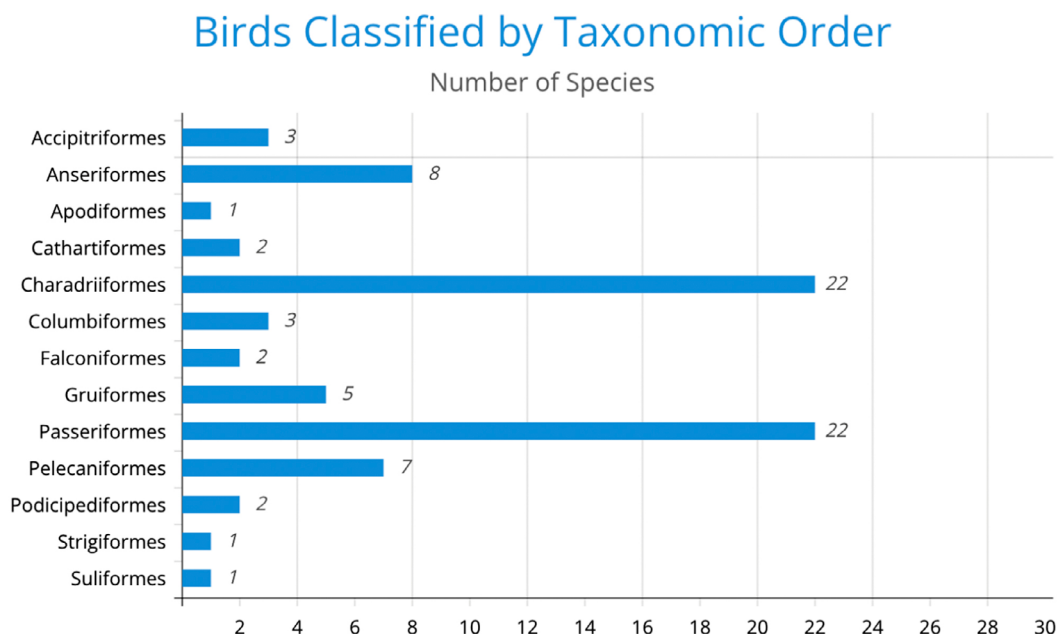


FIGURE 2. Classification of the 79 bird species of the Canal Ifarle within their taxonomic orders. / Clasificación de las 79 especies de aves del Canal Ifarle dentro de sus órdenes taxonómicos.

Regarding conservation status, 72 species (91.1%) were classified as Least Concern (LC) according to the IUCN (2026). However, three species were categorized as Vulnerable (VU): *T. flavipes*, *Calidris fuscicollis*, and *L. haemastica*, and three species as Near Threatened (NT): *T. melanoleuca*, *C. himantopus*, and *C. minutilla* and one species without information. Thus, 7.6% of the recorded species present some degree of global conservation concern.

Importantly, species of conservation concern exhibited contrasting patterns of occurrence. While some, such as *Tringa flavipes* (616 individuals) and *T. melanoleuca* (521), were frequently observed and relatively abundant, others (e.g., *C. fuscicollis*, *C. himantopus*, *C. minutilla*) were recorded only sporadically or exclusively through secondary data sources. The Vulnerable species *L. haemastica* was recorded in low numbers (6 individuals), suggesting a more limited or transient use of the site.

On the other hand, according to the classification of the Chilean Ministry of the Environment (MMA), most species recorded in the Canal Ifarle are categorized as Least Concern (LC), indicating an avian assemblage largely composed of species with low national extinction risk. However, a relevant subset of species with conservation concern was identified, including three species classified as Endangered (EN) (*C. coscoroba*, *Cygnus melancoryphus* Molina, 1782, and *Plegadis chihi* Vieillot, 1817). In addition, one species was classified as Vulnerable (VU) (*Falco peregrinus* Tunstall, 1771) and one as Near Threatened (NT) (*Ch. collaris* Vieillot, 1818). Notably, *Spatula platalea* was categorized as “Insuficientemente Conocido” (IC), highlighting existing knowledge gaps that may hinder accurate conservation assessments.

Overall, although low-risk species predominate, the presence of species under conservation concern underscores the importance of the canal as a locally relevant habitat for biodiversity conservation.

DISCUSSION

The record of 79 species across 13 taxonomic orders in the Canal Ifarle highlights a notably high avian diversity for an urban aquatic system, supporting previous findings that artificial water bodies can function as important refuges for bird communities (Blasio & Pineda 2020). Although natural wetlands typically sustain higher richness and a greater proportion of specialist species,

urban environments often host a mixture of generalist and adaptable taxa alongside ecologically flexible specialists (Linares *et al.* 2018).

The dominance of Charadriiformes and Anseriformes, both in richness and abundance, reflects the ecological characteristics of the canal, particularly the availability of shallow water, exposed substrates, and trophic resources suitable for waders and waterfowl. The high abundances observed for species such as *T. flavipes*, *T. melanoleuca*, *V. chilensis*, and *A. georgica* suggest that the canal is not only used opportunistically but may represent a key foraging habitat, especially during migratory and non-breeding periods.

A particularly relevant finding is that all species categorized under conservation concern (VU and NT) correspond to long-distance migratory shorebirds, including *T. flavipes*, *C. fuscicollis*, *L. haemastica*, *T. melanoleuca*, *C. himantopus*, and *C. minutilla*. This pattern underscores the critical role of the Canal Ifarle as a stopover site within the Pacific migratory flyway, providing resources necessary for refueling and resting during transcontinental movements.

Notably, the presence of both abundant (e.g., *T. flavipes*, *T. melanoleuca*) and rare or sporadic (e.g., *Calidris spp.*) migratory species suggests heterogeneity in habitat use and possibly differential dependence on the site. Species recorded in high numbers likely rely more consistently on the canal, whereas those detected only occasionally may use it as part of a broader network of stopover habitats.

Despite its urban context, the canal appears to maintain functional ecological attributes that support both resident and migratory avifauna, reinforcing the concept that urban water bodies can contribute significantly to regional biodiversity conservation. However, unlike natural systems, these environments are subject to intense anthropogenic pressures, including pollution, habitat modification, noise, and artificial light, which may affect species composition, behavior, and long-term viability (Linares *et al.* 2018).

The relatively high proportion of migratory species, combined with the presence of taxa of conservation concern, highlights the importance of the canal at both local and hemispheric scales, as it contributes to the connectivity of migratory routes (Muñoz-Pacheco *et al.* 2025). In this sense, the Canal Ifarle may function as a stepping-stone habitat, facilitating movement across fragmented landscapes.

Future research should focus on evaluating the functional use of the habitat, particularly whether the canal supports breeding populations or primarily serves as a feeding and resting site. Additionally, studies addressing water quality, contaminant loads (e.g., heavy metals), and disturbance gradients would be essential to understand the ecological limitations of the system and to inform conservation and management strategies.

Overall, these findings emphasize that urban canals, despite their artificial origin, can play a meaningful role in avian conservation, particularly for migratory shorebirds, and should therefore be considered in urban planning and biodiversity management frameworks.

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APPENDIX 1. List of all bird species recorded in the artificial canal Canal Ifarle during the period of 2016 – 2023. / Lista de todas las especies de aves registradas en el canal artificial Canal Ifarle durante el periodo de 2016 – 2023.

Order	Family	Scientific name	Spanish name	Migratory strategy	Observed in field	eBird records only	IUCN conservation status	National conservation status (MMA)
Accipitriformes	Accipitridae	<i>Geranoaetus polyosoma</i> Quoy & Gaimard, 1824	Aguilucho	Resident	2		LC	
Accipitriformes	Accipitridae	<i>Elanus leucurus</i> Vieillot, 1818	Bailarín	Resident	1		LC	
Accipitriformes	Accipitridae	<i>Parabuteo unicinctus</i> Temminck, 1824	Peuco	Resident	1		LC	
Anseriformes	Anatidae	<i>Coscoroba coscoroba</i> Molina, 1782	Cisne Coscoroba	Resident	60		LC	EN
Anseriformes	Anatidae	<i>Cygnus melanocoryphus</i> Molina, 1782	Cisne de Cuello Negro	Resident	30		LC	EN
Anseriformes	Anatidae	<i>Spatula versicolor</i> Vieillot, 1816	Pato Capuchino	Resident	4		LC	
Anseriformes	Anatidae	<i>Spatula cyanoptera</i> Vieillot, 1816	Pato Colorado	Resident	23		LC	
Anseriformes	Anatidae	<i>Spatula platalea</i> Vieillot, 1816	Pato cuchara	Resident	3		LC	I. CON.
Anseriformes	Anatidae	<i>Anas bahamensis</i> Linnaeus, 1758	Pato Gargantillo	Resident	34		LC	LC
Anseriformes	Anatidae	<i>Anas flavirostris</i> Vieillot, 1816	Pato Jergón Chico	Resident	77		LC	
Anseriformes	Anatidae	<i>Anas georgica</i> Gmelin, 1789	Pato Jergón Grande	Resident	142		LC	
Anseriformes	Anatidae	<i>Mareca sibilatrix</i> Poeppig, 1829	Pato Real	Resident	19		LC	
Apodiformes	Trochilidae	<i>Sephanoides sephanioides</i> Lesson & Garnot, 1827	Picaflor Chico	Resident	5		LC	
Cathartiformes	Cathartidae	<i>Cathartes aura</i> Linnaeus, 1758	Jote de Cabeza Colorada	Resident	33		LC	
Cathartiformes	Cathartidae	<i>Coragyps atratus</i> Bechstein, 1793	Jote de Cabeza Negra	Resident	26		LC	

Continuation Appendix 1

Order	Family	Scientific name	Spanish name	Migratory strategy	Observed in field	eBird records only	IUCN conservation status	National conservation status (MMA)
Charadriiformes	Scolopacidae	<i>Gallinago magellanica</i> Vieillot, 1816	Becanina	Resident	2		LC	LC
Charadriiformes	Charadriidae	<i>Zonibyx modestus</i> Lichtenstein, 1823	Chorlo Chileno	Resident	6		LC	
Charadriiformes	Charadriidae	<i>Charadrius collaris</i> Vieillot, 1818	Chorlo de Collar	Resident	9		LC	NT
Charadriiformes	Charadriidae	<i>Pluvialis dominica</i> Müller, 1776	Chorlo Dorado	Resident		1	LC	
Charadriiformes	Laridae	<i>Chroicocephalus maculipennis</i> Lichtenstein, 1823	Gaviota Cáhuil	Resident	41		-	
Charadriiformes	Laridae	<i>Leucophaeus pipixcan</i> Wagler, 1831	Gaviota de Franklin	Migratory	27		LC	
Charadriiformes	Laridae	<i>Larus dominicanus</i> Lichtenstein, 1823	Gaviota Dominicana	Resident	64		LC	
Charadriiformes	Laridae	<i>Sterna hirundinacea</i> Lesson, 1831	Gaviotín Sudamericano	Resident		3	LC	
Charadriiformes	Recurvirostridae	<i>Himantopus mexicanus</i> Müller, 1776	Perrito	Resident	135		LC	
Charadriiformes	Haematopodidae	<i>Haematopus palliatus</i> Temminck, 1820	Pilpilén	Resident	17		LC	
Charadriiformes	Scolopacidae	<i>Tringa flavipes</i> Gmelin, 1789	Pitotoy Chico	Migratory	616		VU	LC
Charadriiformes	Scolopacidae	<i>Tringa melanoleuca</i> Gmelin, 1789	Pitotoy Grande	Migratory	521		NT	
Charadriiformes	Scolopacidae	<i>Calidris bairdii</i> Coues, 1861	Playero de Baird	Migratory	24		LC	
Charadriiformes	Scolopacidae	<i>Calidris fuscicollis</i> Vieillot, 1819	Playero de Lomo Blanco	Migratory		1	VU	
Charadriiformes	Scolopacidae	<i>Calidris himantopus</i> Bonaparte, 1826	Playero de Patas Largas	Migratory		1	NT	
Charadriiformes	Scolopacidae	<i>Calidris minutilla</i> Vieillot, 1819	Playero Enano	Migratory		1	NT	

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Order	Family	Scientific name	Spanish name	Migratory strategy	Observed in field	eBird records only	IUCN conservation status	National conservation status (MMA)
Charadriiformes	Scolopacidae	<i>Calidris melanotos</i> Vieillot, 1819	Playero Pectoral	Migratory		1	LC	
Charadriiformes	Scolopacidae	<i>Phalaropus tricolor</i> Vieillot, 1819	Pollito de Mar Tricolor	Migratory	52		LC	
Charadriiformes	Charadriidae	<i>Vanellus chilensis</i> Molina, 1782	Queltehue	Resident	128		LC	
Charadriiformes	Laridae	<i>Rynchops niger</i> Linnaeus, 1758	Rayador	Migratory	131		LC	
Charadriiformes	Scolopacidae	<i>Limosa haemastica</i> Linnaeus, 1758	Zaparito de Pico Recto	Migratory	6		VU	
Charadriiformes	Scolopacidae	<i>Numenius phaeopus</i> Linnaeus, 1758	Zarapito común	Migratory	77		LC	LC
Columbiformes	Columbidae	<i>Columba livia</i> Gmelin, 1789	Paloma doméstica	Resident	32		LC	
Columbiformes	Columbidae	<i>Zenaidura macroura</i> Des Murs, 1847	Tórtola	Resident	5		LC	
Columbiformes	Columbidae	<i>Columba picus</i> Temminck, 1813	Tortolita Cuyana	Resident	2		LC	
Falconiformes	Falconidae	<i>Falco peregrinus</i> Tunstall, 1771	Halcon Peregrino	Resident		1	LC	VU
Falconiformes	Falconidae	<i>Phalcoboenus chimango</i> Vieillot, 1816	Tiuque	Resident	22		LC	
Gruiformes	Rallidae	<i>Pardirallus sanguinolentus</i> Swainson, 1838	Pidén	Resident	5		LC	
Gruiformes	Rallidae	<i>Fulica armillata</i> Vieillot, 1817	Tagua común	Resident	10		LC	
Gruiformes	Rallidae	<i>Fulica leucoptera</i> Vieillot, 1817	Tagua Chica	Resident	9		LC	
Gruiformes	Rallidae	<i>Fulica rufifrons</i> Philippi & Landbeck, 1861	Tagua de Frente Roja	Resident	7		LC	
Gruiformes	Rallidae	<i>Porphyrio melanotos</i> Vieillot, 1819	Tagüita	Resident	4		LC	

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Passeriformes	Motacillidae	<i>Anthus correntera</i> Vieillot, 1818	Bailarin Chico	Resident	1		LC	
Passeriformes	Troglodytidae	<i>Troglodytes aedon</i> Vieillot, 1809	Chercan de las Vegas	Resident	2		LC	
Passeriformes	Emberezidae	<i>Zonotrichia capensis</i> Müller, 1776	Chincol	Resident	8		LC	
Passeriformes	Thraupidae	<i>Sicalis luteola</i> Meyen, 1834	Chirihue	Resident	43		LC	
Passeriformes	Thraupidae	<i>Sicalis flaveola</i> Sclater, 1872	Chirihue Azafrán	Resident		1	LC	
Passeriformes	Furnariinae	<i>Cinclodes fuscus</i> Vieillot, 1818	Churrete Acanelado	Resident	3		LC	
Passeriformes	Furnariinae	<i>Cinclodes patagonicus</i> Gmelin, 1789	Churrete Patagónico	Resident	2		LC	
Passeriformes	Tyrannidae	<i>Lessonia rufa</i> Gmelin, 1789	Colegial	Resident	6		LC	
Passeriformes	Tyrannidae	<i>Muscisaxicola macloviana</i> Garnot, 1826	Dormilona Tontito	Resident	3		LC	
Passeriformes	Hirundinidae	<i>Tachycineta leucopyga</i> Meyen, 1834	Golondrina Chilena	Resident	22		LC	
Passeriformes	Hirundinidae	<i>Pygochelidon cyanoleuca</i> Vieillot, 1817	Golondrina Dorso Negro	Resident	9		LC	
Passeriformes	Passeridae	<i>Passer domesticus</i> Linnaeus, 1758	Gorrión	Resident	32		LC	
Passeriformes	Fringillidae	<i>Spinus barbatus</i> Molina, 1782	Jilguero	Resident	21		LC	
Passeriformes	Icteridae	<i>Leistes loyca</i> Molina, 1782	Loica	Resident	5		LC	
Passeriformes	Icteridae	<i>Molothrus bonariensis</i> Gmelin, 1789	Mirlo	Resident	42		LC	
Passeriformes	Tyrannidae	<i>Hymenops perspicillatus</i> Gmelin, 1789	Run-run	Resident	3		LC	

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Order	Family	Scientific name	Spanish name	Migratory strategy	Observed in field	eBird records only	IUCN conservation status	National conservation status (MMA)
Passeriformes	Tyrannidae	<i>Tachuris rubrigastra</i> Vieillot, 1817	Siete Colores	Resident	3		LC	
Passeriformes	Mimidae	<i>Mimus thenca</i> Molina, 1782	Tenca	Resident	4		LC	
Passeriformes	Furnariinae	<i>Phleocryptes melanops</i> Vieillot, 1817	Trabajador	Resident	2		LC	
Passeriformes	Icteridae	<i>Agelasticus thilius</i> Molina, 1782	Trile	Resident	11		LC	
Passeriformes	Turdidae	<i>Turdus falcklandii</i> King, 1831	Zorzal	Resident	3		LC	
Pelecaniformes	Threskiornithidae	<i>Plegadis chihi</i> Vieillot, 1817	Cuervo de Pantano	Resident	6		LC	EN
Pelecaniformes	Ardeidae	<i>Bulbulcus ibis</i> Linnaeus, 1758	Garza Boyera	Resident	3		LC	
Pelecaniformes	Ardeidae	<i>Egretta thula</i> Molina, 1782	Garza Chica	Resident	11		LC	
Pelecaniformes	Ardeidae	<i>Area cocoi</i> Linnaeus, 1766	Garza Cuca	Resident	1		LC	
Pelecaniformes	Ardeidae	<i>Ardea alba</i> Linnaeus, 1758	Garza Grande	Resident	8		LC	
Pelecaniformes	Ardeidae	<i>Ixobrychus exilis</i> Vieillot, 1823	Huairavillo	Resident	1		LC	
Pelecaniformes	Ardeidae	<i>Nycticorax nycticorax</i> Linnaeus, 1758	Huairavo	Resident	3		LC	
Podicipediformes	Podicipedidae	<i>Podilymbus podiceps</i> Linnaeus, 1758	Picurio	Resident	1		LC	
Podicipediformes	Podicipedidae	<i>Rollandia rolland</i> Quoy & Gaimard, 1824	Pimpollo	Resident	3		LC	
Strigiformes	Strigidae	<i>Asio flammeus</i> Vieillot, 1817	Nuco	Resident	1		LC	LC
Suliformes	Phalacrocoracidae	<i>Nannopterum brasilianus</i> Gmelin, 1789	Yeco	Resident	5		LC	