The avifauna of Estancia San Juan Poriahú, Iberá Marshes, Argentina: checklist and some natural history notes

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La Estancia San Juan Poriahú está ubicada al norte de los Esteros del Iberá, Corrientes, Argentina, dentro de la Reserva Provincial del Iberá, y es considerada un área clave para las aves. Durante 62 días de prospecciones (1996–2000) se detectó un total de 211 especies de aves, nueve de ellas amenazadas o casi amenazadas. La avifauna es particularmente rica en aves de humedales y pastizales (familias Ardeidae, Rallidae e Icteridae, con 11, 10 y 16 especies) y pobre en aves de selvas, ya que éstas se hallan naturalmente fragmentadas. Presento datos de historia natural y estacionalidad para 15 especies.

Introduction

Estancia San Juan Poriahú (ESJP) is on the north edge of the Esteros del Iberá (Iberá marshes), Departamento San Miguel, Corrientes Province (27°42'S 57°11'W). The Esteros del Iberá (c.12,000 km²) are one the largest wetlands in South America. Most of ESJP is within the Reserva Provincial Iberá, one of the largest protected areas in Argentina¹. The reserve is largely under private ownership, with few restrictions on land use and no effective management plan.

ESJP, like most of north-east Corrientes, was administered by the Jesuit Missions between 1630 and 1767. The economy of the area was based on cattle ranching, and livestock has been present for over three centuries at ESJP. The Iberá marshes (including ESJP) were visited by D'Orbigny in 1827–285. One species reported by D'Orbigny (Glaucous Macaw *Anodorhynchus glaucus*) is extinct, and large raptors and parrots are now scarce in Corrientes. Today, all of the area surrounding Iberá has been forested (mostly with pine and eucalyptus), or developed for large-scale rice cultivation.

Although some general works on the geology, landscape, flora and fauna of Iberá are available^{2,3}, many basic aspects of the natural history of the marshes remain unstudied, and the avifauna is relatively unknown. Crude estimates suggest that 300 species of bird may occur in Iberá, including several endangered or threatened species. ESJP has been formally recognised as a Key Area for birds¹⁷. I present an annotated list of its avifauna, with natural history data for some endangered or lesser known species.

Study area and methods

Esteros del Iberá occupy a large depression partially excavated since the late Pliocene by the río Paraná as it shifted its main channel from east to west⁸. Nowadays, there is no river feeding the Iberá basin and its water is derived from excess rainfall³. Annual rainfall in north Iberá (including ESJP) is 1,300–1,500 mm, exceeding the estimated evapora-

tion of 1,050 mm. The general flow of the marshes is from north-east to south-west, towards the río Corriente, a tributary of the río Paraná. Iberá waters are remarkably clear, slightly acidic and poor in nutrients².

The basically treeless Iberá marshes are surrounded by two distinctive habitats³. The Espinal, a woody savanna dominated by thorny *Prosopis* and *Acacia*, mostly occurs to the south. Vegetation north of Iberá can be classified as transitional between the chaco forests and savannas of north-west Corrientes and the more humid Selva Paranaense (interior Atlantic Forest) of north-east Corrientes and Misiones (Argentina). Judging from its tree species, ESJP is roughly at the centre of this gradient.

Climate is subtropical, with mean temperatures above 15°C (winter) and 26°C (summer) and no obvious dry season3. Winter frost is rare, due to the moderating influence of the esteros. ESJP has c.10,000 ha of esteros (Esteros Ipucú and Blanco Cué) and 4,500 ha of drier land. The esteros include open water (up to 4 m deep), several types of embalsados (patches of floating vegetation, with roots in floating soil up to 2 m deep) and periodically inundated grasslands. At ESJP, embalsados support mostly herbaceous vegetation up to 2 m high. Common embalsado plants include the grasses Panicum grumosum and Zizaniopsis sp., cattails Typha sp., Cyperus giganteus and the tall, bananalike pehuajó Thalia multiflora, but the flora includes hundreds of species from ferns to orchids3. The aquatic fauna of ESJP includes predatory vertebrates such as the abundant piranhas (Serrasalmo sp.) and two species of cayman.

Drier land at ESJP consists of low ridges of sandy soil dotted with circular depressions of variable size (Fig. 1). Most depressions hold permanent water (lagunas). These have only a fringe of vegetation along their shores, mostly reeds Schoenoplectus californicus. The ridges are mostly grassland dominated by paja colorada (the grass Andropogon lateralis), with isolated patches of natu-





ral woodland (montes). Up to 20 species of tree occur in the latter, including ambay Cecropia pachystacha, curupí Sapium haematospermum, timbó Enterolobium contortiisiliquum, the palm Arecopsis romanzoffiana and ipé Tabebuia sp. The palm savannas, so typical of Corrientes province, are represented at ESJP by a few patches of the dwarf palm Butia paraguayensis. Much of the higher ground at ESJP is cropped or used for pasture.

I first visited ESJP in August 1990, but most data were obtained during 62 days of field surveys, at all seasons, in 1996–1998. All of the habitats defined above were covered. Esteros were surveyed from a boat along the main channels (Fig. 2). I also used tape-recordings^{7,15} (including my own) for bird identification. The owners of ESJP provided valuable information on the birds and their environment. The avifauna of ESJP is compared with my own data from other sites in Corrientes province.

Results

The ESJP bird list comprises 211 species. As expected, the estancia is particularly rich in aquatic or wetland birds. Herons comprise 11 species, 85% of Argentina's list. I detected 10 species of rails, 40% of those reported in Argentina, and I may have missed others. On the other hand, only eight species of duck were detected, just 21% of Argentina's total. At ESJP, their highest diversity (both species and overall numbers) occurs in winter, and only two species breed (Silver Teal Anas versicolor and Brazilian Duck Amazonetta brasiliensis). This may reflect the poverty of nutrients and plankton in the waters, but perhaps also predation. All duck broods were seen in small isolated ponds, apparently lacking predatory fish and cayman.

The better represented passerine genera were those that inhabit wetlands and grasslands. Noteworthy is the large number of icterids, with 16 species, 70% of the Argentine total. Ignoring acci-

dental visitors (two species) and migrants (Bobolink *Dolychonix oryzivorus*), 12–13 species breed at ESJP (the status of Yellow-winged Blackbird *Agelaius thilius* was unconfirmed). Corrientes is the richest province for icterids in Argentina (19 species) and one of the family's strongholds in the Americas⁹.

ESJP is depauperate in forest birds, compared with the riparian forests of the río Paraná, 20 km to the north. Isla Apipé Grande (27°29'S 56°56'W) holds at least 26 species unknown at ESJP, including additional families such as trogons and jays. The small, scattered forest patches at ESJP (some lacking dense undergrowth) must be difficult to colonise. In addition, species of the Espinal of south Corrientes, recorded around Carlos Pellegrini (28°32'S 57°11'W), are absent from ESJP, including the endangered Yellow Cardinal *Gubernatrix cristata*.

Is the avifauna of ESJP representative of avian diversity in the entire Iberá system? A comparison of the ESJP list with observations from Carlos Pellegrini (28°32'S 57°11'W, and also within the reserve) indicates that most aquatic species are present in both areas, with minor exceptions such as Muscovy Duck Cairina moschata, which has not been reported at ESJP, but 10 woodland species of the Espinal of south Corrientes are absent from ESJP, including the endangered Yellow Cardinal Gubernatrix cristata. Grasslands around Carlos Pellegrini lack some species found at ESJP, while supporting others, such as the endangered Marsh Sporophila palustris and Entre Rios Seedeaters S. zelichi¹⁷. From these data I estimate that the number of species found in the Esteros del Iberá and its immediate surrounds should be closer to 250 than to 300 species. Unfortunately the Reserva Provincial only protects the marshes and therefore fewer species.

In addition to the checklist, I present natural history data on little-known species, particularly those regarded as threatened or near-threatened¹⁷, and some information on seasonal movements.

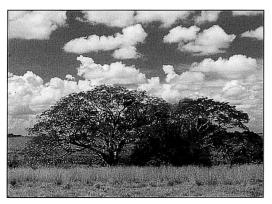


Figure 1. View of an estero from the top of a sandy ridge, with a distant forest patch (Rosendo M. Fraga)



Figure 2. Channel at the edge of an estero, with *Thalia geniculata* (Rosendo M. Fraga)

Azure Gallinule Porphyrio flavirostris

Previously reported from ESJP^{4,12} but record overlooked in the main compilation for the species¹³. I observed it in the esteros and some large lagunas. Apparently embalsados with grasses and sedges are preferred. Usually observed when singles were flushed from cover by the boat; as many as four were disturbed during a three-hour trip. On one occasion (20 November 1997), an exposed pair was observed wading around, and repeatedly entering, a clump of sedges within a laguna. I suspected nesting, but they were not subsequently seen and no response to playback was obtained. According to the estancia owners, *P. flavirostris* is not observed at ESJP during winter (May–July), but more data are required. I observed it in September–March.

Yellow-breasted Crake *Poliolimnas flaviventer* Usually shy and only observed when flushed. However, during a trip to the esteros (11 October 1997), two pairs with chicks were observed in fragments of embalsados cast adrift during a storm. One pair was accompanied by two black-downed chicks; in the other instance the chicks were only glimpsed. The chicks of this crake were undescribed ¹⁶.

Striped Cuckoo Tapera naevia

A summer resident in central Argentina^{10,11} but also present in winter at ESJP (records in June–July).

Sickle-winged Nightjar Eleothreptus anomalus Near-threatened. Only two definite records at ESJP: a single seen near the paved road just outside the property by M. Pearman, T. Gullick and the estancia owners (12 December 1998), and a male the next day, by T. Gullick, within ESJP (M. Pearman pers. comm.). Other records (including my own) are doubtful.

Black-and-white Monjita Xolmis dominicana Vulnerable. Regularly found in some Andropogon pastures at ESJP. Eleven pairs were counted in a pasture surrounding a large patch of dwarf palms (20 September 1997), but usually seen in scattered pairs, with the male and female foraging separately. Forages on dry land and also at the edge of esteros and lagunas. Juveniles observed on two occasions.

Strange-tailed Tyrant Alectrurus risora

Vulnerable. Observed in several *Andropogon* pastures near esteros, often with *Xolmis dominicana*. Faithful to specific sites: one pasture holding this species in 1990 continued to be used until at least late 1998. Numbers observed in this pasture ranged from to three to nine, including juveniles. It is a year-round resident at ESJP.

Bearded Tachuri *Polystictus pectoralis* Near-threatened. Observed during spring in bushy

Near-threatened. Observed during spring in bushy pastures (c.1 m tall) with much *Eryngium* sp. and

woody shrubs (*Heimia salicifolia*, *Baccharis* sp., *Vernonia* sp. etc.), where observed displaying and it probably breeds. *Polystictus* also frequents weedinvaded crop fields and stubble (mostly maize), a transient habitat at ESJP. One late autumn record (8 May 1999).

Tawny-crowned Pygmy-tyrant Euscarthmus meloryphus

Singles observed at ESJP in autumn and winter (April–May and July). Probably does not breed at ESJP, as should have been easily detected by its frequent and characteristic vocalisations. Considered a summer resident in central Argentina (0,1), which is the possible source of ESJP records.

Ochre-breasted Pipit Anthus nattereri

Endangered. The least abundant of the three Anthus found at ESJP. A. nattereri occurs year-round at ESJP, in natural wet Andropogon grassland bordering the extensive slopes of sandy ridges. Nearby borders of esteros and lagunas are inhabited by Yellowish Pipit A. lutescens, while Hellmayr's Pipit A. hellmayri occurs in most types of grasslands on higher and drier ground, even in crop and stubble fields. Pastures used by A. nattereri are always grazed, covered by dense, 5-20 cm-high turf, with scattered tall clumps of Andropogon and some herbs of the genera Eryngium, Solidago and Hyptis (all unpalatable to livestock). I also observed it foraging on bare soil in burnt fields and cow tracks, and around armadillo burrows (Dasypus sp.). A. nattereri was found in pairs, rarely single displaying individuals (males?). The maximum single-day count was two pairs and a solitary individual. Plumage varied considerably between seasons, being more ochre during winter. Easily recognised during its aerial displays, when it flies up to 20–30 m above ground, often into the wind. At its maximum elevation, it traces a zigzag path, flying up and down, uttering a warbling song. Following this, it drops to the ground in a straight diagonal path, the head and body in an oblique position, while producing a series of long nasal notes. One observed for 40 minutes, on 8 July 1997, displayed seven times, each display lasting 3-5 minutes. The area covered by a displaying individual had a diameter of c.140 m. After August, display was rarely observed and I saw A. nattereri in pairs, uttering contact notes, but no nest was found. Breeding has been reported in October¹⁴.

Dark-throated Seedeater *Sporophila ruficollis* Near-threatened. Locally abundant at ESJP in shrubby pastures and stubble.

Grey-and-chestnut Seedeater Sporophila hypochroma

Near-threatened. Although present at ESJP, this seedeater is commoner farther west, e.g. around

Berón de Astrada (27°34'S 57°31'W).



Lesser Grass-finch Emberizoides ypiranganu Formerly classified as near-threatened. At ESJP apparently more abundant than its congener E. herbicola. In a 200 m transect across a seasonally flooded Andropogon grassland, eight males were singing on 13 June 1998.

Epaulet Oriole *Icterus cayenensis pyrrhopterus* Although not a true marsh icterid, it regularly visited clumps of *Thalia multiflora* within the esteros, some up to 2 km from the nearest trees. It foraged in *Thalia* flowers, probably for nectar. In Corrientes, I also noticed this behaviour at Carlos Pellegrini and Parque Nacional Mburucuyá (28°03'S 58°07'W).

Saffron-cowled Blackbird Xanthopsar flavus Endangered. Irregular at ESJP and not seen during my surveys, nor by the estancia owners. The nearest localities with regular records are c.85 km to the east-north-east⁶.

Yellow-rumped Pseudoleistes guirahuro and Brown-and-yellow Marshbirds P. virescens Both are abundant at ESPJ. Unlike many other congeneric icterids, the two rarely forage together and have separate roosts in the esteros. Their breeding seasons show only limited overlap at the study site.

Bobolink Dolychonix oryzivorus

Regular summer visitor to ESPJ, between 3 November and 14 April. Usually found in small flocks of up to 50, in grass and sedge embalsados, cultivated fields, and on planted pastures of *Pennisetum purpureum* and other African grasses.

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Appendix 1. Checklist of bird species observed at Estancia San Juan Poriahú.

R = Resident species, found year-round

S = Summer visitor
W = Winter visitor
NA = Nearctic migrant

O = Occasional species (fewer than three records)
B = Breeding record (courtship display, nest or juvenile

observed)

Greater Rhea Red-winged Tinamou Spotted Tinamou Pied-billed Grebe Great Grebe Neotropic Cormorant Whistling Heron White-necked Heron Great Egret Snowy Egret Cattle Egret Striated Heron Black-crowned Night-heron Rufescent Tiger-heron Pinnated Bittern Stripe-backed Bittern Least Bittern Wood Stork Maguari Stork labiru Bare-faced Ibis White-faced Ibis Roseate Spoonbill Southern Screamer Fulvous Tree-duck Black-bellied Tree-duck White-faced Tree-duck Coscoroba Swan Comb Duck Brazilian Duck Masked Duck Silver Teal Turkey Vulture Lesser Yellow-headed Vulture Black Vulture White-tailed Kite Everglade Kite Long-winged Harrier Cinereous Harrier Roadside Hawk White-tailed Hawk Black-chested Buzzard-eagle Savanna Hawk Black-collared Hawk Crested Caracara Chimango Caracara Yellow-headed Caracara Aplomado Falcon American Kestrel Limpkin Giant Wood-rail Grey-necked Wood-rail Plumbeous Rail Rufous-sided Crake

Ash-throated Crake

Common Gallinule

Purple Gallinule

Yellow-breasted Crake

Rhea americana R, B Rhynchotus rufescens R. B Nothura maculosa R, B Podilymbus podiceps R, B Podiceps major R Phalacrocorax olivaceus R Syrigma sibilatrix R, B Ardea cocoi R. B. Egretta alba R Egretta thula R Bubulcus ibis R Butorides striatus R?, B Nycticorax nycticorax R, B Tigrisoma lineatum R, B Botaurus pinnatus R? Ixobrychus involucris R Ixobrychus exilis R, B Mycteria americana R Ciconia maguari R, B Jabiru mycteria R, B Phimosus infuscatus R Plegadis chihi R Platalea ajaja R Chauna torquata R, B Dendrocygna bicolor W Dendrocvana autumnalis W Dendrocygna viduata W Coscoroba coscoroba W Sarkidiornis melanotos O Amazonetta brasiliensis R, B Oxyura dominica O Anas versicolor R. B. Cathartes aura R Cathartes burrovianus R, B Coragyps atratus R, B Elanus leucurus R Rostrhamus sociabilis R, B Circus buffoni R, B Circus cyaneus O Buteo magnirostris R, B Buteo albicaudatus R Geranoaetus melanoleucus R, B Heterospizias meridionalis R, B Busarellus nigricollis R Polyborus plancus R, B Milvago chimango R, B Milvago chimachima R, B Falco femoralis R, B Falco sparverius R Aramus guarauna R, B Aramides ypecaha R, B Aramides cajanea O Pardirallus sanguinolentus R, B Laterallus melanophaius R, B Porzana albicollis R, B Porzana flaviventer R, B Gallinula chlorobus R, B

Porphyrio martinica R

Azure Gallinule Spot-flanked Gallinule Wattled Jacana South American Stilt Southern Lapwing American Golden Plover Lesser Yellowlegs Solitary Sandpiper Buff-breasted Sandpiper Common Snipe Large-billed Tern Yellow-billed Tern Black Skimmer Picazuro Pigeon Eared Dove Picui Ground-dove Ruddy Ground-dove White-tipped Dove White-eyed Parakeet Monk Parakeet Ash-coloured Cuckoo Dark-billed Cuckoo Smooth-billed Ani Guira Cuckoo Striped Cuckoo Squirrel Cuckoo Barn Owl Burrowing Owl Tropical Screech-owl Rufous Nightian Little Nightjar Sickle-winged Nightjar Paurague Nacunda Nighthawk Scissor-tailed Nightjar Blue-tufted Starthroat Glittering-bellied Emerald Gilded Sapphire White-tailed Goldenthroat Ringed Kingfisher Amazon Kingfisher Green Kingfisher White-barred Piculet Field Flicker Green-barred Woodpecker Little Woodpecker White Woodpecker Narrow-billed Woodcreeper Rufous Hornero Yellow-throated Spinetail Firewood-gatherer Chotoy Spinetail Sooty-fronted Spinetail Greater Thornbird Variable Antshrike White-winged Becard Black-and-white Monjita Grey Monjita White Monjita Blue-billed Black-tyrant Spectacled Tyrant Strange-tailed Tyrant Variegated Flycatcher Streaked Flycatcher Black-backed Water-tyrant White-headed Marsh-tyrant Sooty Tyrannulet Cattle Tyrant Yellow-browed Tyrant

Porphyrio flavirostris S, B? Porphyriops melanops R, B Jacana jacana R, B Himantobus melanurus R. B. Vanellus chilensis R, B Pluvialis dominica NA Tringa flavibes NA Tringa solitaria NA Tryngites subruficollis NA Gallinago gallinago R, B Phaetusa simblex R Sterna superciliaris R Rynchobs nigra R Columba picazuro R. B. Zenaida auriculata R, B Columbina bicui R. B. Columbina talpacoti R, B Leptotila verreauxi R, B Aratinga leucophthalma O Myiopsitta monacha R, B Coccyzus cinereus O Coccyzus melacoryphus R, B Crotophaga ani R, B Guira guira R. B Tapera naevia R, B Piaya cayana R - B Tyto alba R. B Athene cunicularia R. B Otus choliba R. B Caprimulgus rufus S Caprimulgus parvulus S Eleothreptus anomalus O Nyctidromus albicollis S? Podager nacunda S? Hydropsalis brasiliana R Heliomaster furcifer R, B Chlorostilbon aureoventris R, B Hylocharis chrysura R, B Polytmus guainumbi A Ceryle torquata R, B Chloroceryle amazona R, B Chloroceryle americana R, B Picumnus cirrhatus R, B Colaptes campestris R, B Colaptes melanochloros R, B Veniliornis basserinus R, B Melanerpes candidus R Lepidocolaptes angustirostris R, B Furnarius rufus R, B Cranioleuca cinnamomea R, B Anumbius annumbi R. B. Schoeniophylax phryganophila R, B Synallaxis frontalis R, B Phacellodomus ruber R, B Thamnophilus caerulescens R, B Pachyramphus polychopterus S, B Xolmis dominicana R. B. Xolmis cinerea R, B Xolmis irupero R, B Knipolegus cyanirostris O Hymenops perspicillata R, B Alectrurus risora R, B Empidonomus varius S, B? Myiodynastes maculatus S, B Fluvicola pica R Fluvicola leucocephala R, B Serpophaga nigricans R, B Machetornis rixosus R, B

Satrapa icterophrys R, B





Great Kiskadee Boat-billed Flycatcher Tropical Kingbird Fork-tailed Flycatcher Crowned Slaty-Flycatcher Brown-crested Flycatcher Swainson's Flycatcher Short-crested Flycatcher Suiriri Flycatcher Bran-coloured Flycatcher Pearly-vented Tody-tyrant Bearded Tachuri Vermilion Flycatcher Crested Doradito Large Elaenia Small-billed Elaenia Southern Beardless-tyrannulet White-crested Tyrannulet Barn Swallow Cliff Swallow Grey-breasted Martin Brown-crested Martin White-rumped Swallow Chilean Swallow House Wren Chalk-browed Mockingbird White-banded Mockingbird Black-capped Donacobius Creamy-bellied Thrush Pale-breasted Thrush Rufous-hellied Thrush Yellowish Pipit Hellmayr's Pipit Ochre-breasted Pipit Masked Gnatcatcher Red-eved Vireo Rufous-browed Peppershrike House Sparrow White-browed Warbler Tropical Parula Masked Yellowthroat Chestnut-vented Conebill Purple-throated Euphonia Sayaca Tanager Black-goggled Tanager Hepatic Tanager Orange-headed Tanager Greyish Saltator Green-winged Saltator Glaucous-blue Grosbeak Red-crested Cardinal Blue-black Grassquit Double-collared Seedeater Rusty-collared Seedeater Rufous-rumped Seedeater Dark-throated Seedeater Capped Seedeater Grassland Yellow-finch Saffron Finch Black-capped Warbling-finch Red-crested Finch

Rufous-collared Sparrow

Grassland Sparrow

Long-tailed Reed-finch Lesser Grass-Finch

Pitangus sulbhuratus R. B. Megarhynchus pitangua S, B Tyrannus melancholicus S. B. Tyrannus savana S. B. Griseotyrannus aurantiatrocristatus S, B Myiarchus tyrannulus R, B Mviarchus swainsoni S. B. Myiarchus ferox S, B Suiriri suiriri R. B. Myiophobus fasciatus R?. B Hemitriccus margaritaceiventer R, B Polystictus pectoralis S?, B Pyrocephalus rubinus S. B. Pseudocolopteryx sclateri R, B Elaenia spectabilis S, B Elaenia parvirostris S, B Camptostoma obsoletum R, B Sepophaga subcristata R, B Hirundo rustica NA Petrochelidon byrrhonota NA Progne chalybea S, B Phaeoprogne tapera S, B Tachycineta leucorrhoa S, B Tachycineta meyeni W Troglodytes aedon R, B Mimus saturninus R. B Mimus triurus W Donacobius atricabillus R. B. Turdus amaurochalinus R, B Turdus leucomelas R. B. Turdus rufiventris R, B Anthus chii R, B Anthus hellmayri R. B Anthus nattereri R, B Poliobtila dumicola R. B Vireo olivaceus S, B Cyclarhis gujanensis R, B Passer domesticus R. B. Basileuterus leucoblepharus R, B Parula pitiayumi R, B Geothlybis aequinoctialis R, B Conirostrum speciosum R, B Euphonia chlorotica R, B Thraupis savaca R, B Tachyphonus rufus R, B Piranga flava O Thlypopsis sordida R. B Saltator coerulescens R, B Saltator similis R, B Cyanocompsa cyanea O Paroaria coronata R, B Volatinia jacarina R?, B Sporophila caerulescens S, B Sporophila collaris R, B Sporophila hypochroma S, B Sporophila ruficollis S, B Sporophila bouvreuil S. B. Sicalis luteola R, B Sicalis flaveola R, B Poospiza melanoleuca R. B. Coryphospingus cucullatus R?, B Zonotrichia capensis R, B Ammodramus humeralis R. B. Donacospiza albifrons R, B Emberizoides ypiranganus R, B

Wedge-tailed Grass-finch Great Pampa-finch Hooded Siskin Crested Oropendola Solitary Black Cacique Epaulet Oriole Screaming Cowbird Shiny Cowbird Saffron-cowled Blackbird Yellow-rumped Marshbird Brown-and-yellow Marshbird Yellow-winged Blackbird Unicoloured Blackbird Chestnut-capped Blackbird Bay-winged Cowbird Chopi Blackbird Scarlet-headed Blackbird White-browed Blackbird Bobolink

Emberizoides herbicola R. B. Embernagra platensis R, B Carduelis magellanica R, B Psarocolius decumanus O Cacicus solitarius R, B Icterus cayanensis R, B Molothrus rufoaxillaris R, B Molothrus bonariensis R. B. Xanthopsar flavus O Pseudoleistes guirahuro R, B Pseudoleistes virescens R. B. Agelaius thilius R, B Agelaius cyanopus R, B Agelaius ruficabillus R. B. Agelaioides badius R, B Gnorimopsar chopi R Amblyrambhus holosericeus R. B. Sturnella superciliaris R, B Dolichonyx oryzivorus NA





