

**AVIFAUNA OF THE ECOTOURISM PARK CACHOEIRA DO URUBU: A  
FRAGMENT OF ATLANTIC FOREST IN THE PERNAMBUCO ENDEMISM  
CENTER, NORTHEASTERN BRAZIL**

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**Supplementary Material**

**Table S1.** Bird species recorded in the Ecotourism Park Cachoeira do Urubu (PECUB), Pernambuco state, northeastern Brazil. Legend: Trophic niche: Aquatic herbivore (Ha), Aquatic predator (Ap), Omnivore (Om), Scavenger (Sc), Vertivore (Ve), Granivore (Gr), Invertivore (In), Nectarivore (Ne), Frugivore (Fr). Habitat: Degraded area (DA), Road (RO), River (RI), Banana plantation (BP), Ciliary Forest (CF), Building area (BA), and Waterfall (WA). Record: Species recorded by (T) transect method, (M) capture in ornithological mist nets, (DB) online database, and (PL) record in the preliminary list. (†) Migrant, (\*) Preliminary Record, and (\*\*) other records from the website www.wikiaves.com.br. Conservation status (ICMBio/MMA, IUCN): LC - Least concern, VU – Vulnerable and NE – Not Evaluated. Vouchers represents catalog numbers of records in an online database (Wikiaves).

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/MMA	IUCN	Vouchers
<b>Anatide</b>							
<i>Dendrocygna viduata</i> (Linnaeus, 1766) **	White-faced Whistling-Duck	Ha	PL DB	-	LC	LC	WA1005140
<b>Ardeidae</b>							
<i>Butorides striata</i> (Linnaeus, 1758)	Striated Heron	Ap	T	RI CF	LC	LC	
<i>Tigrisoma lineatum</i> (Boddaert, 1783)	Rufescent Tiger-Heron	Ap	PL L	RI	LC	LC	
<i>Bubulcus ibis</i> (Linnaeus, 1758)	Cattle Egret	Om	T	RI	LC	LC	
<i>Ardea alba</i> (Linnaeus, 1758)	Great Egret	Ap	PL L	WA	LC	LC	WA1005119
<b>Cathartidae</b>							
<i>Cathartes aura</i> (Linnaeus, 1758)	Turkey Vulture	Sc	PL T	CF	LC	LC	
<i>Cathartes burrovianus</i> (Cassin, 1845)	Lesser Yellow-headed Vulture	Sc	T	CF	LC	LC	WA596473
<i>Coragyps atratus</i> (Bechstein, 1793)	Black vulture	Sc	PL T	RO CF	LC	LC	WA1987589
<b>Accipitridae</b>							
<i>Rupornis magnirostris</i> (Gmelin, 1788)	Roadside Hawk	Ve	PL T	RO CF	LC	LC	WA596474
<i>Buteo brachyurus</i> (Vieillot, 1816)	Short-tailed Hawk	Ve	PL T	CF	LC	LC	WA1993242
<i>Elanus leucurus</i> (Vieillot, 1818)	White-tailed Kite	Ve	T	DA	LC	LC	
<i>Buteo nitidus</i> (Latham, 1790)	Gray-lined Hawk	Ve	T	CF	LC	LC	WA1988038
<b>Aramidae</b>							
<i>Aramus guarauna</i> (Linnaeus, 1766)	Limpkin	Ap	T	RI	LC	LC	WA1987587
<b>Rallidae</b>							

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/ MMA	IUCN	Vouchers
<i>Aramides cajaneus</i> (Statius Muller, 1776)	Gray-necked Wood-Rail	Ap	PL T	CF	LC	LC	
<i>Laterallus viridis</i> (Statius Muller, 1776)	Russet-crowned Crake	Ap	T	CF	LC	LC	
<i>Gallinula galeata</i> (Lichtenstein, 1818)	Common Gallinule	Ha	PL T	RI	LC	LC	
<i>Porphyrio martinica</i> (Linnaeus, 1766)	Purple Gallinule	Ha	PL T	RI CF	LC	LC	WA1988072
<b>Charadriidae</b>							
<i>Vanellus chilensis</i> (Molina, 1782)	Southern Lapwing	Om	PL T	CF BA	LC	LC	
<b>Scolopacidae</b>							
<i>Calidris fuscicollis</i> (Vieillot, 1819) *, <sup>1</sup>	White-rumped Sandpiper	Ap	PL	-	LC	LC	
<b>Jacanidae</b>							
<i>Jacana Jacana</i> (Linnaeus, 1766)	Wattled Jacana	Om	PL T	CF WA	LC	LC	WA1907604
<b>Columbidae</b>							
<i>Columbina picui</i> (Temminck, 1813)	Picui Ground-Dove	Gr	PL T	RO	LC	LC	WA596478
<i>Columbina talpacoti</i> (Temminck, 1810)	Ruddy Ground-Dove	Gr	PL T	DA	LC	LC	
<i>Leptotila verreauxi</i> (Bonaparte, 1855)	White-tipped Dove	Gr	T M	DA	LC	LC	
<i>Leptotila rufaxilla</i> (Richard & Bernard, 1792)	Gray-fronted Dove	Gr	T	DA CR	LC	LC	
<b>Cuculidae</b>							
<i>Piaya cayana</i> (Linnaeus, 1766)	Squirrel Cuckoo	In	T	CF	LC	LC	
<i>Crotophaga ani</i> (Linnaeus, 1758)	Smooth-billed Ani	Om	PL T	DA CF	LC	LC	
<i>Guira guira</i> (Gmelin, 1788)	Guira Cuckoo	Om	PL T	DA CF	LC	LC	
<i>Tapera naevia</i> (Linnaeus, 1766)	Striped Cuckoo	In	T	BP	LC	LC	
<b>Caprimulgidae</b>							
<i>Nyctidromus albicollis</i> (Gmelin, 1789) *	Common Pauraque	In	PL	-	LC	LC	
<b>Apodidae</b>							
<i>Cypseloides senex</i> (Temminck, 1826)	Great Dusky Swift	In	T	WA	LC	LC	WA1958909

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/ MMA	IUCN	Vouchers
<b>Trochilidae</b>							
<i>Glaucis hirsutus</i> (Gmelin, 1788)	Rufous-breasted Hermit	Ne	T	BP	LC	LC	WA2156158
<i>Chlorestes notata</i> (Reich, 1793)	Blue-chinned Sapphire	Ne	PL M	CF	LC	LC	WA2055790
<i>Phaethornis pretrei</i> (Lesson & Delattre, 1839)	Planalto Hermit	Ne	PL T M	CF	LC	LC	
<i>Chlorostilbon lucidus</i> (Shaw, 1812) **	Glittering-bellied Emerald	Ne	PL DB	-	LC	LC	WA597336
<i>Phaethornis ruber</i> (Linnaeus, 1758)	Reddish Hermit	Ne	T M	DA CF	LC	LC	WA1988040
<i>Eupetomena macroura</i> (Gmelin, 1788)	Swallow-tailed Hummingbird	Ne	PL T M	BA	LC	LC	
<i>Anthracothorax nigricollis</i> (Vieillot, 1817)	Black-throated Mango	Ne	T M	DA CF	LC	LC	WA1987606
<i>Chionomesa fimbriata</i> (Gmelin, 1788)	Glittering-throated Emerald	Ne	PL T M	RI BP CF	LC	LC	WA1987602
<i>Heliothryx auritus</i> (Gmelin, 1788)	Black-eared Fairy	Ne	T	CF	LC	LC	WA1988039
<i>Chrysuronia leucogaster</i> (Gmelin, 1788)	Plain-bellied Emerald	Ne	PL T	DA BP CF BA	LC	LC	
<i>Chrysuronia versicolor</i> (Vieillot, 1818)	Versicolored Emerald	Ne	T	CF	LC	LC	
<i>Chrysolampis mosquitos</i> (Linnaeus, 1758) *	Ruby-topaz Hummingbird	Ne	PL	-	LC	LC	
<b>Alcedinidae</b>							
<i>Chloroceryle amazona</i> (Latham, 1790)	Amazon Kingfisher	Ap	PL T	RI	LC	LC	
<i>Megaceryle torquata</i> (Linnaeus, 1766)	Ringed Kingfisher	Ap	T	RI	LC	LC	
<b>Galbulidae</b>							
<i>Galbula ruficauda</i> (Cuvier, 1816)	Rufous-tailed Jacamar	In	PL T M	DA	LC	LC	WA1993224
<b>Bucconidae</b>							
<i>Nystalus maculatus</i> (Gmelin, 1788)	Spot-backed Puffbird	In	T	DA BP	LC	LC	
<b>Picidae</b>							
<i>Veniliornis passerinus</i> (Linnaeus, 1766)	Little Woodpecker	In	PL T M	DA	LC	LC	
<i>Colaptes melanochloros</i> (Gmelin, 1788)	Green-barred Woodpecker	In	T	BP CF	LC	LC	
<i>Picumnus pernambucensis</i> (Zimmer, 1947)	Pernambuco Piculet	In	PL T M	DA	LC	NE	

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/ MMA	IUCN	Vouchers
<b>Falconidae</b>							
<i>Caracara plancus</i> (Miller, 1777)	Southern Caracara	Om	PL T	RO	LC	LC	WA1005124
<i>Milvago chimachima</i> (Vieillot, 1816)	Yellow-headed Caracara	Om	T	RO CF	LC	LC	
<b>Psittacidae</b>							
<i>Forpus xanthopterygius</i> (Spix, 1824)	Blue-winged Parrotlet	Om	PL T	DA	LC	LC	
<b>Thamnophilidae</b>							
<i>Thamnophilus torquatus</i> (Swainson, 1825)	Rufous-winged Antshrike	In	T	DA	LC	LC	
<i>Thamnophilus palliatus</i> (Lichtenstein, 1823)	Chestnut-backed Antshrike	In	T	DA	LC	LC	
<b>Dendrocolaptidae</b>							
<i>Dendroplex picus</i> (Gmelin, 1788)	Straight-billed Woodcreeper	In	T	DA	LC	LC	WA2028248
<i>Sittasomus griseicapillus</i> (Vieillot, 1818)	Olivaceous Woodcreeper	In	PL T M	DA CF	LC	LC	
<b>Furnariidae</b>							
<i>Furnarius figulus</i> (Lichtenstein, 1823)	Wing-banded Hornero	In	PL T	CF BA	LC	LC	WA1803542
<i>Synallaxis frontalis</i> (Pelzeln, 1859)	Sooty-fronted Spinetail	In	T	DA	LC	LC	
<i>Phacellodomus rufifrons</i> (Wied, 1821)	Rufous-fronted Thornbird	In	PL T M	CF	LC	LC	WA413939
<i>Certhiaxis cinnamomeus</i> (Gmelin, 1788)	Yellow-chinned Spinetail	In	PL T M	DA CF BA	LC	LC	
<b>Pipridae</b>							
<i>Ceratopipra rubrocapilla</i> (Temminck, 1821)	Red-headed Manakin	Fr	PL T M	DA CF	LC	LC	WA1989595
<i>Manacus manacus</i> (Linnaeus, 1766)	White-bearded Manakin	Fr	T M	DA	LC	LC	
<b>Tityridae</b>							
<i>Pachyramphus polychopterus</i> (Vieillot, 1818)	White-winged Becard	In	M	CF	LC	LC	
<b>Rhynchoyclidae</b>							
<i>Tolmomyias flaviventris</i> (Wied, 1831)	Yellow-breasted Flycatcher	In	PL T	DA RO	LC	LC	
<i>Todirostrum cinereum</i> (Linnaeus, 1766)	Common Tody-Flycatcher	In	T M	DA BP CF BA	LC	LC	

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/ MMA	IUCN	Vouchers
<i>Poecilatriccus fumifrons</i> (Hartlaub, 1853)	Smoky-fronted Tody-Flycatcher	In	T	DA	LC	LC	
<i>Hemitriccus griseipectus</i> (Sneathlidge, 1907)	White-bellied Tody-Tyrant	In	T M	CF	VU	LC	
<b>Tyrannidae</b>							
<i>Zimmerius acer</i> (Salvin & Godman, 1883)	Guianan Tyrannulet	In	T M	DA CF	LC	LC	
<i>Euscarthmus meloryphus</i> (Wied, 1831) **	Tawny-crowned Pygmy-Tyrant	In	DB	-	LC	LC	WA1005157
<i>Elaenia flavogaster</i> (Thunberg, 1822)	Yellow-bellied Elaenia	In	PL T	DA CF	LC	LC	
<i>Elaenia chiriquensis</i> (Lawrence, 1865)	Lesser Elaenia	In	T	CF	LC	LC	
<i>Elaenia cristata</i> (Pelzeln, 1868)	Plain-crested Elaenia	In	T	CF	LC	LC	
<i>Myiarchus tuberculifer</i> (d'Orbigny & Lafresnaye, 1837)	Dusky-capped Flycatcher	In	T	DA	LC	LC	
<i>Myiarchus ferox</i> (Gmelin, 1789)	Short-crested Flycatcher	In	T	DA	LC	LC	
<i>Pitangus sulphuratus</i> (Linnaeus, 1766)	Great Kiskadee	Om	PL T	DA BP BA	LC	LC	
<i>Megarynchus pitangú</i> (Linnaeus, 1766)	Boat-billed Flycatcher	In	T	CF	LC	LC	
<i>Myiozetetes similis</i> (Spix, 1825)	Social Flycatcher	In	PL T	BA	LC	LC	WA1907608
<i>Tyrannus melancholicus</i> (Vieillot, 1819)	Tropical Kingbird	In	T	DA CF	LC	LC	WA1005132
<i>Fluvicola nengeta</i> (Linnaeus, 1766)	Masked Water-tyrant	In	PL T	RO BA	LC	LC	WA1989709
<i>Myiophobus fasciatus</i> (Statius Muller, 1776)	Bran-colored Flycatcher	In	T	RO CF	LC	LC	
<i>Arundinicola leucocephala</i> (Linnaeus, 1764)	White-headed Marsh Tyrant	In	T	CF	LC	LC	WA1989266
<i>Camptostoma obsoletum</i> (Temminck, 1824) *	Southern Beardless-Tyrannulet	In	PL	-	LC	LC	
<i>Capsiempis flaveola</i> (Lichtenstein, 1823)	Yellow Tyrannulet	In	T	DA BA	LC	LC	WA1993245
<b>Vireonidae</b>							
<i>Cyclarhis gujanensis</i> (Gmelin, 1789)	Rufous-browed Peppershrike	In	PL T M	CF	LC	LC	
<i>Vireo chivi</i> (Vieillot, 1817)	Chivi Vireo	In	T M	DA CF BA	LC	LC	
<i>Hylophilus amaurocephalus</i> (Nordmann, 1835)	Gray-eyed Greenlet	In	T M	CF	LC	LC	WA1005159

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/ MMA	IUCN	Vouchers
<b>Hirundinidae</b>							
<i>Stelgidopteryx ruficollis</i> (Vieillot, 1817)	Southern Rough-winged Swallow	In	T	DA RO	LC	LC	WA1993218
<i>Tachycineta albiventer</i> (Boddaert, 1783)	White-winged Swallow	In	T	DA	LC	LC	WA1803682
<b>Troglodytidae</b>							
<i>Troglodytes musculus</i> (Naumann, 1823)	Southern House Wren	In	T	BP BA	LC	LC	
<i>Pheugopedius genibarbis</i> (Swainson, 1838)	Moustached Wren	In	T M	CF	LC	LC	
<b>Donacobiidae</b>							
<i>Donacobius atricapilla</i> (Linnaeus, 1766)	Black-capped Donacobius	In	PL T	BP CF	LC	LC	WA1989631
<b>Polioptilidae</b>							
<i>Polioptila plumbea</i> (Gmelin, 1788)	Tropical Gnatcatcher	In	T M	CF	LC	LC	WA413933
<b>Turdidae</b>							
<i>Turdus rufiventris</i> (Vieillot, 1818)	Rufous-bellied Thrush	In	PL T M	DA CF BA	LC	LC	
<i>Turdus leucomelas</i> (Vieillot, 1818)	Pale-breasted Thrush	Fr	PL T M	DA RO CF	LC	LC	
<b>Mimidae</b>							
<i>Mimus saturninus</i> (Lichtenstein, 1823) **	Chalk-browed Mockingbird	Om	DB	-	LC	LC	WA1005135
<b>Passerellidae</b>							
<i>Arremon taciturnus</i> (Hermann, 1783)	Pectoral Sparrow	Om	T M	DA	LC	LC	
<b>Icteridae</b>							
<i>Icterus pyrrhopterus</i> (Vieillot, 1819)	Variable Oriole	In	T	DA	LC	LC	
<i>Molothrus bonariensis</i> (Gmelin, 1789)	Shiny Cowbird	In	PL T	DA CF	LC	LC	
<i>Cacicus solitarius</i> (Vieillot, 1816)	Solitary Black Cacique	In	T	DA CF	LC	LC	
<i>Sturnella superciliaris</i> (Bonaparte, 1850) **	White-browed Meadowlark	In	DB	-	LC	LC	WA596475
<b>Thraupidae</b>							
<i>Coereba flaveola</i> (Linnaeus, 1758)	Bananaquit	Ne	PL T M	DA RO BA CF BA	LC	LC	

Family/Taxa	English name	Trophic niche	Record	Habitat	ICMBio/MMA	IUCN	Vouchers
<i>Nemosia pileata</i> (Boddaert, 1783) *	Hooded Tanager	In	PL	-	LC	LC	
<i>Thlypopsis sordida</i> (d'Orbigny & Lafresnaye, 1837)	Orange-headed Tanager	In	T M	DA CF BA	LC	LC	WA1986548
<i>Tangara cyanocephala</i> (Statius Muller, 1776)	Red-necked Tanager	Fr	T M	CF	LC	LC	
<i>Tangara sayaca</i> (Linnaeus, 1766)	Sayaca Tanager	Fr	PL T M	DA RO BO CF BA	LC	LC	
<i>Tangara palmarum</i> (Wied, 1821)	Palm Tanager	Fr	PL T M	DA RO CF BA	LC	LC	
<i>Tangara cayana</i> (Linnaeus, 1766)	Burnished-buff Tanager	Fr	PL T M	BP CF BA	LC	LC	
<i>Tachyphonus rufus</i> (Boddaert, 1783)	White-lined Tanager	In	PL T M	DA CF	LC	LC	
<i>Dacnis cayana</i> (Linnaeus, 1766)	Blue Dacnis	Fr	T M	DA RO BP	LC	LC	
<i>Sporophila albogularis</i> (Spix, 1825) **	White-throated Seedeater	Gr	DB	-	LC	LC	WA413946
<i>Sporophila nigricollis</i> (Vieillot, 1823)	Yellow-bellied Seedeater	Gr	T	RO	LC	LC	
<i>Volatinia jacarina</i> (Linnaeus, 1766)	Blue-black Grassquit	Gr	T	RO	LC	LC	WA1005156
<i>Ramphocelus bresilius</i> (Linnaeus, 1766)	Brazilian Tanager	Fr	T	DA	LC	LC	
<b>Fringillidae</b>							
<i>Euphonia violacea</i> (Linnaeus, 1758)	Violaceous Euphonia	Fr	PL T M	DA RO CF	LC	LC	WA1986546
<i>Euphonia chlorotica</i> (Linnaeus, 1766)	Purple-throated Euphonia	Fr	PL T	DA	LC	LC	
<b>Estrildidae</b>							
<i>Estrilda astrild</i> (Linnaeus, 1758)	Common Waxbill	Gr	PL T	RO	LC	LC	
<b>Passeridae</b>							
<i>Passer domesticus</i> (Linnaeus, 1758)	House Sparrow	Gr	PL T	DA BA	LC	LC	