

Appendix 2. Data from a literature search.

Table A2.1. Home range data and daily distances for Neotropical birds. The search was done in *google scholar* and *web of science* using the words “neotropical” AND “bird*” AND “home range” AND “daily distance*”. Only species from neotropical countries were included. The numbers following species names correspond to the references below the table.

Species	Common name	Home Range (km ²)	Flight path distance (km)	Site
<i>Harpyhaliaetus coronatus</i> ³⁸	Crowned Eagle	12845		Brazil/Argentina
<i>Aramides Wolfi</i> ¹⁸	Brown Wood-Rail	1350		Bilsa Biological Station, Ecuador
<i>Rhynchopsitta terrisi</i> ²⁶	Cotorra serrana oriental	123.8 - 47.4	23.62 - 23.71	Sierra Madre Oriental, México
<i>Vultur gryphus</i> ²⁷	Andean condor	14.169 - 66.624		Andes centrales de Chile y Argentina
<i>Amazona auropalliata</i> ³⁰	Yellow-naped Amazon	10.414 ± 2.515		Guanacaste
<i>Crax globulosa</i> ²⁰	Wattled Curassow	8.04 ± 5.56		Uacari Sustainable Development Reserve
<i>Ara rubrogenys</i> ²⁴	Red-fronted Macaw	3.3 - 57.38	9 - 28	Andean dry forests, Bolivia
<i>Pteroglossus pluricinctus</i> ¹³	Many-banded Araçari	1.91		Yasuní, Ecuador
<i>Crax alector</i> ²	Black Curassow	1.85		Tinigua National Park
<i>Mitu salvini</i> ³¹	Salvin’s Curassow	1.55		Tinigua National Park
<i>Rupornis magnirostris</i> ²⁵	Roadside hawk	1.43		Sao Paulo, Brazil
<i>Ramphastos sulfuratus</i> ¹⁰	Keel-billed Toucans	0.97 ± 0.33		Los Tuxtlas, Mexico
<i>Ramphastos vitellinus</i> ¹³	Channel-billed Toucan	0.86		Yasuní, Ecuador
<i>Ramphastos tucanus</i> ¹³	White-throated Toucan	0.86		Yasuní, Ecuador

<i>Megascops choliba</i> ¹	Screech-Owl	0.808 ± 0.402		Brazilian Cerrado
<i>Tyrannus melancholicus</i> ¹⁴	Tropical Kingbird	males (0.430 ± 0.226), females (0.456 ± 0.455)		Brazilian Cerrado
<i>Nothoprocta ornata</i> ⁹	Ornate Tinamou	0.438 ± 0.216		Qurpa
<i>Grallaria ridgelyi</i> ¹⁶	Jocotoco Antpitta	0.411 ± 0.053		Reserva Tapichalaca
<i>Cyanocorax chrysops</i> ³⁷	Plush-crested Jay	0.2 - 0.3		Brazil
<i>Amazona leucocephala</i> ³³	Bahama Parrot	0.186 (SE = 19.47)		Great Abaco Island
<i>Grallaria varia</i> ¹⁵	Variiegated Antpitta	0.176		Amazonia
<i>Colinus cristatus</i> ³⁶	Crested bobwhites	0.161 ± 0.116	0.360 ± 0.241	Estación Experimental La Iguana
<i>Poospiza cinerea</i> ⁴	Cinereous Warbling-Finch	0.150 and 0.166		Alto da Boa Vista
<i>Suiriri affinis</i> ²²	Campo Suiriri	0.14 ± 0.02		Central Brazil
<i>Poospiza cinerea</i> ²³	Cinereous Warbling-finch	0.136 - 0.213		Paredão da Serra do Curral City Park
<i>Suiriri islerorum</i> ²²	Chapada Flycatcher	0.112 ± 0.006		Central Brazil
<i>Cipo espinhacensis</i> ⁶	Cipo Cinclodes	0.093		Serra do Breu
<i>Sclerurus scansor</i> ¹²	Rufous-breasted leaftosser	0.054 - 0.133	0.059 - 0.279	Atlantic forest
<i>Centronyx bairdii</i> ³²	Baird's sparrow	0.048 ± 0.019 IC 95 %	0.203 ± DE 0.187	Rancho Santa Teresa
<i>Ammodramus savannarum</i> ³²	Grasshopper sparrow	0.044 ± 0.023 IC 95 %	0.134 ± DE 0.106	Rancho Santa Teresa
<i>Asthenes luizae</i> ⁷	Cipo Canasteros	0.04	1.238 , 0.780 and 1.056	Espinhaco Range
<i>Mixed flocks</i> ¹⁷	Mixed flocks	0.032 - 0.133		Noragues
<i>Parkesia motacilla</i> ¹¹	Louisiana Waterthrush	0.03		Caribbean National Forest
<i>Aulacorhynchus caeruleogularis</i> ²⁸	Blue-throated Toucanet	0.02		

<i>Chiroxiphia caudata</i> ¹²	Swallow-tailed manaki	0.024 - 0.175 (max = 4.60)	0.053 - 0.201	Atlantic forest
<i>Seiurus aurocapilla</i> ¹⁹	Ovenbirds	0.01 - 0.07		Belize
<i>Dixiphia pipra</i> ³⁴	White-crowned Manakin	0.012 - 0.057		Tiputini Biodiversity Station
<i>Pyriglena leucoptera</i> ⁵	White-shouldered fire-eye	0.013 ± 0.006		Manancial do Barreiro
<i>Amazona vittata</i> ²¹	Puerto Rican parrots	0.011 ± 1.35		Puerto Rico
<i>Thamnophilus caerulescens</i> ⁵	Variable antshrike	0.010 ± 0.003		Manancial do Barreiro
<i>Catharus bicknelli</i> ³⁵	Bicknell's Thrushes	0.007-0.032		Sierra de Bahoruco National Park
<i>Dysithamnus mentalis</i> ⁵	Plain antvireo	0.007 ± 0.002		Manancial do Barreiro
<i>Several species</i> ²⁹	Several insectivorous birds	0.005 - 0.075		Vicosa region
<i>Arremon assimilis</i> ³	Gray-browed brush finch	0.005 ± 0.003		Andes, Colombia
<i>Pyriglena leucoptera</i> ⁵	White-shouldered fire-eye	–	0.351 - 0.498	Atlantic forest
<i>Otus nudipes</i> ⁸	Puerto Rican Screech Owl	2.2925e-5 - 4.4675e-5		Puerto Rico

*Home range were mostly reported using the MCP method of 100% and 95% and in occasions by Kernel UD of 50% and 95% method

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