

PESOS Y DISTRIBUCIÓN DE AVES DEL SOTOBOSQUE DEL PARQUE NACIONAL HENRI PITTIER AL NORTE DE VENEZUELA

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Aunque Venezuela posee una de las avifaunas más diversas del Neotrópico, cuenta con pocos registros de sus pesos. Sólo Peris (1990) señala a Sanft (1970, 1973) como uno de los pioneros en suministrar tal información para las especies venezolanas. De la misma manera, la información sobre los pesos de especies de aves neotropicales pareciera ser bastante escasa. Solo se encuentran unas aisladas referencias al respecto (Karr *et al.* 1978, Oniki 1980, Peris 1990, Dunning 1993, Cavalcanti & Marini 1993, Marini *et al.* 1997).

El Parque Nacional Henri Pittier en el norte de Venezuela es hogar de 616 especies de aves (20% del total Suramericano), mostrando una de las más altas diversidades encontradas a nivel mundial con 6.5 especies por cada 100 km² (Slud 1976) y conformando la parte central del Centro Montañoso Venezolano como uno de los centros de endemismo claves para la avifauna del continente (Cracraft 1985). Además, estudios palinológicos recientes hacen suponer que algunos de estos ambientes sirvieron de refugio durante el Pleistoceno para muchas especies animales (Fernández-Badillo 1997).

El presente trabajo muestra los pesos de

2463 individuos pertenecientes a 177 especies (168 residentes y 9 migratorias) capturados con redes de neblina dentro del sotobosque de varias formaciones vegetales que se desarrollan en el Parque Nacional Henri Pittier a lo largo de un gradiente desde los 10 m hasta los 1500 m de altura. De estas formaciones vegetales, el cardonal-espinar (CE) a 10 m, el bosque seco deciduo (BSD) a 100 m, el bosque deciduo (BDN) a 350 m, el bosque semi-deciduo (BSM) a 750 m, el bosque nublado (BN) a 1100 m y el bosque nublado perenne (BNP) a 1500 m pertenecen a la vertiente norte de la montaña que colinda con el Mar Caribe. Cada uno de estos ambientes fue muestreado un día de cada mes, a lo largo de un año, entre 1993 y 1998. Por su parte, los bosques deciduos (BDs) a 450 m y los bosques ribereños (BRs) a 450 m fueron los únicos ambientes estudiados de la vertiente sur. Estos fueron muestreados una mañana de cada semana, a lo largo de un año, entre 1992 y 1993. Durante los muestreos ningún individuo fue colectado.

Los pesos fueron tomados con la ayuda de dinamómetros AVINET, con calibraciones de 0.1, 0.2, 0.5, 1.0 y 5.0 g. Los resultados aparecen en la Tabla 1. Para muestras con un

TABLA 1. Pesos de las aves del Parque Nacional Henri Pittier, Venezuela. Para explicaciones de la Tabla, ver el texto. El asterisco (*) indica que la especie es endémica del Centro Montañoso Venezolano según Cracraft (1985). La M indica que la especie es migratoria.

Especies	Edad-Sexo	Pesos (g)
<i>Adelomyia melanogenys aeneosticta</i> *	I	2.6, 2.8 (2), 3.0 (3), 3.6 (2) [BN] 3.4 ± 0.2; 3.0-3.8 (18) [BNP]
<i>Aglaiocercus kingi margarethae</i> *	M	6.0, 5.2 (3), 5.0 (2), 4.0 [BN] 5.2, 5.0 (2), 5.2 [BNP]
	H	4.6 (2), 4.4, 4.2 [BN] 4.6, 4.0 (2), 4.4 [BNP]
<i>Amazilia fimbriata elegantissima</i>	M	5.0 [BDs] 5.0 [BRs]
	I	5.0 (4) [CE] 5.0 (2) [BSD] 6.0 (2), 4.0, 5.0 [BDs] 6.0 [BRs]
<i>Amazilia saucerrottei</i>	I	4.0 (3) [BRs]
<i>Amazilia tobaci feliciae</i>	I	4.0 [BSD] 3.5 (2) [BDN] 4.0 [BSM] 4.0 [BDs] 3.0, 4.0 (2) [BRs]
<i>Anabacerthia striaticollis venezuelana</i> *	I	19.0 [BSM] 20.8, 19.1, 23.0 [BN] 20.9, 20.2, 24.0, 24.5 [BNP]
<i>Anisognathus flavinucha venezuelanus</i>	I	36.5, 37.5, 40.5 [BNP]
<i>Anthracothorax nigricollis nigricollis</i>	M	6.0 [BDs]
<i>Arremon schlegeli schlegeli</i>	M	30.0, 27.0, 26.0 [BDs] 28.0 [BRs]
	H	31.0, 32.0 [BDs] 23.0 [BRs]
	I	28.0, 27.0 [BDs] 25.0 [BRs]
<i>Arremonops conirostris conirostris</i>	I	27.0, 28.0 (4), 24.0 [CE] 28.0, 26.0 (2), 34.0 [BSD] 29.4±1.9; 26.0-32.0 (18) [BDs] 32.0, 34.0, 29.0 [BRs]
<i>Atalotriccus pilaris venezuelensis</i>	I	8.3 ± 1.3; 6.0-10.0 (10) [CE] 6.0 (2), 5.0 [BSD] 10.0, 6.0 (2), 5.0, 7.0, 8.0 [BDs]
<i>Atlapetes brunneinucha frontalis</i>	I	43.0 [BN] 40.0, 45.0, 41.6 [BNP]
<i>Aulacorhynchus sulcatus sulcatus</i> *	I	175.0, 154.0, 160.0 (2) [BN] 157.5, 169.0, 165.0 [BNP]
<i>Basilenterus culicivorus cabanisi</i>	I	10.0 [CE] 8.4, 8.5 [BDN] 9.0 (2), 8.0 (2) [BRs]
<i>Basilenterus flaveolus</i>	I	14.0, 12.0, 12.6, 11.5, 15.0, 14.5, 12.2, 12.5 [BDN] 12.2 [BN] 12.0 (2), 13.0, 14.0 [BDs] 14.0 [BSD] 12.0 (2), 9.0, 13.0, 15.0 (2), 16.0, 14.0 [BRs]
<i>Basilenterus tristriatus bessereri</i> *	I	11.4 ± 0.6; 10.4-12.8 (15) [BNP] 11.4 [BN]
<i>Buteo magnirostris insidiatrix</i>	I	274.0 [BSD]
<i>Campostoma obsoletum venezuelae</i>	I	10.0 (2), 9.0, 8.0 (2) [CE] 6.0, 7.0, 8.0 (2) [BSD]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
		5.0 [BDs]
<i>Campylopterus falcatus</i>	M	6.2, 8.2 [BDN]
	MS	6.9 [BNP]
	I	6.6 [BN] 7.0 [BRs]
<i>Campylorhamphus trochilirostris venezuelensis</i>	I	36.0, 33.0, 34.0, 40.0 [BSD] 36.0 [BRs] 39.0 (2), 38.0 [BN] 36.5 [BNP] 39.0, 38.0 [BDs]
<i>Carduelis psaltria columbiana</i>	M	8.0, 10.0 [BDs] 9.0 [BRs]
	MS	10.0 [BRs]
	H	8.0 [BDs]
<i>Catharus aurantiirostris aurantiirostris</i> (M)	I	23.0, 25.0 [BRs]
<i>Catharus fuscescens fuscescens</i> (M)	I	29.0, 32.5 [BDN] 25.0 [BSM]
<i>Catharus minimus minimus</i> (M)	I	29.0, 27.5 [BDN] 27.0 [BRs]
<i>Chalybura buffonii aeneicauda</i>	M	6.0 [CE] 8.0 [BSD] 6.3 ± 0.7; 5.0-7.0 (12) [BDN] 7.1 ± 0.7; 6.0-8.0 (19) [BRs]
	H	5.0 [CE] 6.0 [BSD] 6.4 ± 0.6; 4.9-7.0 (11) [BDN] 5.8, 5.4, 5.2 [BSM] 5.4 [BN] 6.5 ± 0.9; 5.0-8.0 (24) [BRs]
	I	6.0 [BSD] 6.2, 6.4 [BDN]
<i>Chiroxiphia lanceolata</i>	M	20.0, 16.0, 17.0, 15.0, 14.0 [BSD]
	MS	20.0 [BSD]
	H	19.0, 16.0, 18.0 [BSD]
	I	14.0 [BDN]
<i>Chlorestes notatus notatus</i>	M	3.0, 3.8, 3.4 [BDN]
	H	4.0 [CE] 3.7, 3.4 [BDN]
	I	3.0, 2.0 [BDN]
<i>Chlorospingus ophthalmicus jacqueti</i>	I	16.8 ± 1.2; 15.1-18.5 (10) [BNP] 15.0 [BN]
<i>Chlorostilbon mellisugus caribaens</i>	M	3.0 (2), 4.0 [BSD] 3.0 [BDs]
	H	3.0 (3), 2.0 (3) [BDs] 4.0 [BRs]
<i>Chrysuronia oenone oenone</i>	M	5.0 [BN]
	H	5.0, 4.0, 4.7, 4.2, 4.6 [BDN] 4.2 [BSM] 5.4, 4.0 [BN]
	I	5.0 [BDN]
<i>Claravis pretiosa</i>	H	53.0 [CE]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Cnemotriccus fuscatus cabanisi</i>	I	10.0, 14.0 (3), 12.0, 13.0 [CE] 11.7 ± 1.4; 10.0-14.0 (18) [BSD] 12.0 ± 2.1; 10.0-16.0 (14) [BDs] 11.0 [BRs]
	IJ	12.0 (3) [BDs]
<i>Coccyzus melacoryphus</i>	I	52.0 [BDs]
<i>Coeligena coeligena coeligena</i> *	I	6.8, 7.0, 7.8, 7.4, 7.2, 6.4 [BN] 7.0, 7.4, 6.6, 7.1 [BNP]
<i>Coereba flaveola luteola</i>	I	9.1 ± 1.2; 6.0-10.0 (17) [CE] 8.0 (3), 10.0 (2), 9.0 [BSD] 9.8 ± 1.0; 8.0-12.0 (20) [BDs] 8.0 (2), 7.0, 10.0 [BRs]
	IJ	10.0 (3), 9.0 (2), 7.0 (2) [BDs]
	H	8.0 [BDs]
<i>Columbina passerina albivitta</i>	M	30.0 [CE] 33.8 ± 3.0; 30.0-40.0 (19) [BSD] 33.7 ± 3.4; 26.0-38.0 (13) [BDs]
	MS	31.0 [BDs]
	H	34.0, 32.0 (2), 36.0, 37.0, 35.0, 30.0 [BSD] 34.1 ± 2.4; 30.0-38.0 (10) [BDs]
	IJ	30.0, 32.0 (2), 28.0 [BSD] 27.0, 30.0 [BDs]
<i>Columbina talpacoti rufipennis</i>	M	43.2 ± 5.0; 40.0-54.0 (10) [BSD] 45.9 ± 3.4; 38.0-51.0 (14) [BDs] 48.0 [BRs]
	MS	52.0, 40.0 [BDs]
	H	46.0, 40.0 (2), 45.0, 42.0 [BSD] 41.3 ± 2.7; 36.0-43.0 (10) [BDs] 40.0 (2) [BRs]
	I	10.0, 14.0, 12.0 [CE] 10.0, 12.0 (2), 9.0, 8.0 (3) [BDs]
<i>Contopus cinereus bogotensis</i>	M	15.2 ± 1.7; 13.0-17.0 (11) [BSD] 15.1 ± 1.7; 12.0-18.0 (18) [BDs] 14.0, 15.0 [BRs]
	MS	14.0 [CE] 16.0, 15.0 (2) [BDs]
	H	16.0 (2) [CE] 19.0, 20.0, 17.0, 16.0 (3), 18.0 [BSD] 15.6 ± 0.9; 14.0-17.0 (15) [BDs]
	I	14.0 (4), 12.0 [BSD] 18.0, 17.0, 14.0, 16.0 (2), 13.0 [BDs]
	M	21.0, 22.0 [BSD] 20.9 ± 2.1; 18.0-25.0 (15) [BDs] 24.0, 20.0 [BRs]
<i>Cyanocompsa cyanea minor</i>	MS	19.0 (2), 24.0, 18.0 [BDs] 24.0, 20.0 [BRs]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)	
<i>Cyanocopsa cyanoides cyanoides</i>	H	22.0 [BSD] 20.0 (2), 22.0 [BDs] 27.0 [BRs]	
	I	17.0, 18.0 [BDs] 17.0, 21.0 [BRs]	
	M	25.0, 25.5 [BDN] 28.5 [BSM] 23.5 [BN] 25.0 [BRs]	
	MS	23.0 [BDN] 28.0 [BSM]	
	H	29.0 [BSM]	
<i>Cyclarhis gujanensis parvus</i>	I	25.0 (3), 26.5 [BDN]	
	I	26.0 [CE] 22.0 [BSD] 30.0, 22.0, 25.0, 23.0, 26.0 [BDs] 23.0 [BRs]	
<i>Dendrocincla fuliginosa meruloides</i>	I	40.0 [BSD] 35.8 ± 4.4; 28.0-44.0 (20) [BDN] 36.2 ± 3.1; 29.0-40.5 (16) [BSM] 37.6 ± 4.1; 32.0-42.5 (17) [BN] 37.3 ± 2.3; 34.0-41.0 (10) [BNP] 36.8 ± 3.1; 32.0-42.0 (10) [BRs]	
	IJ	31.5, 36.0 [BN]	
	M	37.0 [BN]	
	I	146.0 [BDN] 132.0 [BSM] 87.0 [BNP] 120.0, 162.0 [BRs]	
	<i>Dysithamnus mentalis cumbreanus</i>	M	14.0 [BSD] 15.0, 13.0, 13.2 [BDN] 14.0, 15.0, 14.8, 14.2, 13.2 [BSM]
		MS	14.0, 14.8 [BDN] 14.0, 12.4 [BSM]
H		12.0 [CE] 14.0 [BSD] 12.5, 13.0, 13.3 [BDN] 13.6, 14.0 [BSM]	
I		13.0, 14.0 [BSM]	
<i>Elaenia flavogaster flavogaster</i>		I	22.0, 24.0, 20.0, 23.0 [CE] 22.0 (2), 24.0 (2), 20.0 [BDs]
<i>Elaenia parvirostris</i> (M)	I	14.0 [CE] 12.0 (2), 16.0 [BDs]	
<i>Eucometis penicillata affinis</i> *	I	26.0, 30.0 [BSD] 28.0 ± 3.2; 22.0-32.5 (13) [BDN] 27.8 ± 1.7; 27.0-31.5 (14) [BSM] 29.5, 31.0, 28.0 (3), 30.0 (2), 27.0, 29.0 [BN]	
	IJ	12.5 [BDN]	
	M	13.5 [BDN] 14.8 (2) [BSM] 13.0, 14.0, 17.2 [BN] 13.9, 14.8 [BNP]	
	H	14.6 [BSM] 14.0 (3), 13.0, 16.5 [BN]	

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
		14.5, 18.0, 12.0, 13.0 [BNP]
	I	12.8 [BSM] 13.2 [BN]
<i>Formicarius analis saturatus</i>	I	61.0, 60.0 (2), 56.0(2), 50.0 [BSM]
		61.1 ± 2.8; 56.0-65.0 (11) [BN]
<i>Formicivora grisea intermedia</i>	M	9.0 (2), 11.0 (2), 12.0, 10.0 (2) [CE] 8.0, 10.0 (6) [BSD]
		9.9 ± 0.5; 9.0-11.0 (12) [BDs]
	H	9.8 ± 0.7; 8.0-11.0 (13) [CE] 9.0, 10.0 (3), 8.0 (3) [BSD]
		9.8 ± 1.2; 8.0-12.0 (12) [BDs]
<i>Forpus passerinus viridissimus</i>	M	28.0 [CE] 24.0 [BSD] 24.0 [BDs]
	H	30.0 [CE] 20.0, 22.0 [BSD] 26.0 [BDs]
<i>Galbula ruficauda ruficauda</i>	M	23.0 (3), 22.0 (2), 20.0 [BSD] 25.0, 22.5 [BDN]
		23.0 [BRs]
	I	23.0, 24.0, 25.0 [CE] 18.0, 22.0 [BDs]
<i>Geotrygon linearis linearis</i>	I	327.0 [BNP]
<i>Geotrygon violacea</i>	I	90.0 [BDN]
	IS	95.0 [BSM]
<i>Glaucis hirsuta hirsuta</i>	I	7.0, 8.0, 6.0 [CE] 6.5 ± 0.9; 5.0-8.0 (16) [BSD]
		6.5 ± 0.8; 5.5-8.2 (17) [BDN]
		6.8, 7.0 (2), 7.4, 6.4, 6.2, 7.1 [BSM] 6.0 [BDs]
		6.1 ± 0.8; 4.0-8.0 (19) [BRs]
<i>Grullaricula loricata*</i>	I	20.8 ± 2.1; 18.4-23.0 (10) [BNP]
<i>Heliodoxa leadbeateri leadbeateri*</i>	M	7.0, 7.2, 6.5 [BDN] 7.2 (4), 8.0, 7.8 [BSM]
		7.3 ± 0.5; 6.8-7.4 (10) [BN] 7.4, 7.2 (2) [BNP]
	H	6.4 [BDN] 6.2 [BSM] 7.8 ± 2.7; 6.0-8.0 (14) [BN]
		6.8, 7.8, 7.5, 7.0 (2) [BNP]
	I	7.8, 6.8 [BN]
<i>Hemispingus frontalis hanieli*</i>	I	19.0 (2) [BNP]
<i>Henicorbina leucophrys venezuelensis*</i>	I	16.9 ± 1.1; 15.2-19.4 (13) [BN]
		18.5, 16.5, 15.0, 20.2, 16.8 [BNP]
<i>Hylocharis cyanus viridiventris</i>	I	3.5 [BDN]
<i>Hylophilus aurantiifrons saturatus</i>	I	10.0 [CE] 9.0 (2) [BSD] 10.0 [BDs]
<i>Hylophilus flavipes acuticauda</i>	I	9.5 ± 1.4; 8.0 – 11.0 (13) [CE]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
		12.0, 11.0 (2), 10.0 (2), 9.0 [BSD]
		11.0 (3), 0.0 (2), 12.0, 8.0 [BDs] 12.0 [BRs]
<i>Hypnelus ruficollis bicinctus</i>	I	44.0, 35.0, 42.0 [BSD] 55.0, 50.0, 47.0 [BDs]
<i>Icterus nigrogularis nigrogularis</i>	I	44.0, 45.0 [BDs]
<i>Idioptilon margaritaceiventris impiger</i>	I	9.0, 5.0 [BDs]
<i>Klais guimeti guimeti</i>	I	4.0 [BSD] 2.4 [BSM]
<i>Lepidocolaptes souleyetti littoralis</i>	I	18.0, 23.0 (2), 26.0, 21.0 [BSD] 24.0 [BDN]
		24.0, 26.0 (2), 22.0 [BDs] 23.0, 20.0 [BRs]
	IJ	26.0, 22.0 [BDs]
<i>Leptopogon superciliaris venezuelensis</i>	I	11.0, 12.0, 14.8, 10.4 [BDN] 10.0 [BRs]
<i>Leptotila verreauxi verreauxi</i>	I	142.0, 132.0, 147.0 (2), 160.0 [CE]
		130.0, 132.0, 144.0, 160.0, 158.0, 147.0, 150.0, 120.0, 152.0 [BSD] 135.0 [BDN]
		142,7 ± 11,6; 116,0-154,0 (10) [BDs] 164.0 [BRs]
<i>Leucippus fallax fallax</i>	M	6.0 [CE]
<i>Malacoptila mystacalis mystacalis</i>	I	47.0 (2) [BDN] 50.0 (2) [BSM]
<i>Melanerpes rubricapillus rubricapillus</i>	M	45.0, 44.0 [CE] 50.0, 52.0 [BDs]
	H	38.0 [CE]
<i>Megarhynchus pitangua pitangua</i>	I	59.0 [BSD]
<i>Micrastur ruficollis zonothorax</i>	I	195.0 [BDN]
<i>Mionectes olivaceus venezuelensis</i>	M	14.0, 13.8, 11.8 [BDN] 14,2 ± 0,9; 12,6-15,5 (12) [BSM]
		14.4 ± 0.8; 12.8-15.6 (25) [BN]
		14.2 ± 0.7; 13.0-15.4 (11) [BNP]
	H	14.0, 12.6, 13.2 [BDN] 11.4, 11.0, 13,2 [BSM]
		16.6, 15.8, 12.6, 12.0 (2), 11.2, 11.6 [BN]
		11.8, 14.0 (2), 13.2, 12.4, 12.1 [BNP]
	I	12.8 [BDN] 12.6, 12.2 [BSM] 13.4, 13.0 [BN]
		12.0 (3), 12.3, 11.1, 12.2, 12.1, 12.4, 13.0 [BNP]
		14.0 [BRs]
<i>Molothrus bonariensis venezuelensis</i>	I	47.0 [BDs]
	H	21.0 [BRs]
<i>Myadestes ralloides venezuelensis</i>	I	26.0, 27.5, 27.0, 29.0, 20.5 [BNP]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Myiarchus tyrannulus tyrannulus</i>	I	30.0, 29.0 [CE] 28.1 ± 2.2; 26.0-33.0 (11) [BSD] 30.0, 28.0 (2), 32.0, 24.0, 26.0 (2), 27.0, 35.0 [BDs] 25.0 [BRs]
<i>Myiarchus venezuelensis venezuelensis</i>	I	27.0, 26.0, 28.0 [BSD] 28.0 [BDN]
<i>Myioborus miniatus pallidiventris</i>	I	9.2, 12.6 [BN] 9.2, 10.0, 7.9, 8.6, 8.6, 7.9 [BNP]
<i>Myiodynastes maculatus difficilis</i>	I	44.0 [BSD] 46.0 [BSM]
<i>Myiopagis gaimardii bogotensis</i>	I	11.6 [BDN]
<i>Myiopagis viridicata restricta</i> (M)	I	12.0 (2), 13.0, 14.0 [BSD] 12.0, 11.0 [BDs] 12.0, 14.0 (2), 13.0 [BRs]
<i>Myiophobus fasciatus fasciatus</i>	I	10.0 [CE] 11.0, 10.0 [BSD] 10.1 ± 2.1; 8.0-14.0 (11) [BDs]
<i>Myiophobus flavicans venezuelanus</i>	M	12.8, 12.0 [BNP]
	H	11.5, 11.7 [BNP]
<i>Myiozetetes cayanensis rufipennis</i>	I	24.0, 20.0 [BDs]
<i>Myiozetetes similis columbianus</i>	I	23.0 (2), 22.0, 25.0, 21.0 [BSD] 21.0 [BRs]
<i>Myrmotherula schisticolor sanctaemartae</i>	M	9.0, 8.0 [BSM] 8.8, 8.0, 9.2, 9.4 [BN]
	MS	9.8 [BSM] 8.4 [BN]
	H	12.0 [BDN] 9.2, 8.6 [BSM] 8.3, 9.0, 9.8 [BN]
	I	8.1, 8.5, 8.8 [BDN] 8.6 [BN]
<i>Notharchus macrorhynchus hyperrhynchus</i>	I	72.5 [BDN]
<i>Notiochelidon cyanoleuca cyanoleuca</i>	I	10.0 (2) [BDs]
<i>Nyctidromus albicollis albicollis</i>	M	60.0 (2) [BRs]
<i>Ocreatus underwoodii polystictus*</i>	M	2.7 [BSM]
	H	3.0 [BNP]
<i>Oryzoborus angolensis torridus</i>	MS	12.5 [BDN]
<i>Pachyrampus cinnamomeus</i>	I	17.0 [BSD]
<i>Pachyrampus polychopterus tristis</i>	I	18.0 [CE]
<i>Phacellodomus rufifrons inornatus</i>	I	26.3 ± 2.3; 24.0-31.0 (21) [BDs] 29.0 [BRs]
<i>Phaethornis anthophilus anthophilus</i>	I	5.0 (2), 6.0 (3) [CE] 5.9 ± 0.9; 4.0-8.0 (14) [BSD] 5.2, 5.4, 4.4 (2), 4.8, 5.4 [BDN]
<i>Phaethornis augusti augusti</i>	I	6.0, 7.0, 5.0 [CE] 4.0, 6.0 [BDs] 6.0 ± 0.8; 4.0-6.0 (10) [BRs]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Phaethornis longuemareus ignobilis</i>	I	2.0 [CE] 3.0 [BSD] 2.0, 2.1, 2.4 [BDN] 4.0 (2) [BRs]
<i>Phaeomyias murina incompta</i>	I	10.2 ± 0.8; 8.0-11.0 (12) [CE] 10.0 (3), 9.0 [BSD] 9.0, 8.0, 10.0 (6) [BDs]
<i>Pharomachrus fulgidus fulgidus</i>	M	160.0 [BNP]
<i>Piaya cayana mebleri</i>	I	96.0 [CE]
<i>Picumus squamulatus robli</i>	I	11.0, 10.0 [BSD]
<i>Pipra erythrocephala erythrocephala</i>	M	15.0 [BSD] 14.0, 13.6 [BDN] 15.0 [BRs]
	MS	13.0 (2), 13.8, 13.4, 12.8 [BDN] 15.0, 17.0 [BRs]
	H	14.0, 13.3, 15.0, 15.8, 14.4, 13.4 [BDN] 17.2 [BSM] 17.0, 16.0 [BRs]
	I	13.7 ± 0.9; 12.0-15.4 (27) [BDN] 15.0 [BSM] 13.0, 18.0, 16.0, 15.0 (3) [BRs]
<i>Pipra filicauda</i>	M	14.0 (2), 16.0 (2), 15.0 (2), 15.2, 15.1, 14.6 [BDN] 15.0 [BSM]
	MS	15.0, 14.0 (2), 16.0 (2), 16.3, 15.6, 15.2 [BDN] 15.6 [BSM]
	H	14.5 [BDN] 19.0 [BSM]
	I	15.5 ± 0.8; 14.7-16.8 (10) [BDN] 14.2, 16.0, 16.6 [BSM]
<i>Pipreola formosa formosa</i> *	M	46.0, 41.0, 41.0, 46.5, 47.0 [BN] 41.0, 39.0 [BNP]
	H	49.0, 46.0 [BN] 43.0, 42.9 [BNP]
<i>Pitangus sulphuratus rufipennis</i>	I	58.0 [CE] 60.0, 66.0 [BSD] 58.0 (2), 62.0 [BDs] 60.0 [BRs]
<i>Platycichla flavipes venezuelensis</i>	MS	45.0 [BDN]
	I	52.0 [BRs]
<i>Platycichla leucops</i>	M	69.0 [BSM] 74.0, 70.0 [BN]
<i>Platyrinchus mystaceus insularis</i>	I	9.0, 10.0, 9.8, 7.8, 8.0 [BDN] 8.4, 9.8, 9.2 (2) [BSM]
<i>Polioptila plumbea plumbiceps</i>	M	6.0 (2), 7.0 (3), 8.0, 6.0 [CE] 7.0 ± 0.8; 6.0-8.0 (10) [BSD]
	H	7.0 (2), 6.0 (3), 10.0, 8.0 [CE] 8.0 (2), 7.0 (2), 6.0 [BSD] 6.0 (2) [BDs]
	I	10.0 [BSD] 8.0 [BDs]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Premnoplex brunnescens rostratus*</i>	I	27.0 [BSM] 16.2 [BNP]
<i>Progne chalybea chalybea</i> (M)	M	40.0 [CE]
	H	36.0 [CE]
<i>Psarocolius angustifrons oleagineus*</i>	I	165.0 (2), 150,0 [BSM]
<i>Ramphocelus carbo venezuelensis</i>	M	26.0 [BDN] 23.0, 26.0 (2), 25.0, 28.0 [BRs]
	MS	24.0 [BRs]
	H	22.0 [BDN] 25.0, 22.0 (2) [BRs]
	I	22.0, 24.0, 20.0, 23.0 [BRs]
<i>Ramphocaenus melanurus trinitatus</i>	I	8.0 [BSD]
<i>Rhamphotrigon megacephala</i>	I	9.0, 10.0 [BRs]
<i>Rhynchocyclus olivaceus flavus</i>	I	24.5 [BDN] 14.0 [BRs]
<i>Rhodinocichla rosea rosea *</i>	M	38.0, 36.0 [BSD]
<i>Sakesphorus melanonotus</i>	M	26.0, 23.0 [BSD] 26.5 [BDN]
	H	26.0 (2) [BSD]
<i>Saltator albicollis perstriatus</i>	I	38.0 (3), 33.0, 44.0, 30.0, 32.0, 37.0 [CE]
		34.1 ± 2.7; 32.0-40.0 (12) [BSD]
		35.5 ± 3.1; 30.0-42.0 (22) [BDs] 40.0, 36.0, 38.0 [BRs]
<i>Saltator coerulescens brensteri</i>	I	44.0 [CE] 48.0 (2), 54.0, 45.0 (2) [BDs]
		56.0, 47.0, 50.0 [BRs]
<i>Saltator maximus maximus</i>	I	37.0, 49.0, 34.0 [BDN]
<i>Scardafella squammata ridgwayi</i>	I	50.1 ± 5.0; 44.0-62.0 (15) [BDs]
<i>Schiffornis turdinus stenorhynchus</i>	I	34.0, 32.5, 30.0 [BDN]
<i>Schistes geoffroyi geoffroyi</i>	M	3.6 [BSM] 3.8, 4.1 [BN]
<i>Sclerurus albigularis albigularis</i>	I	32.0, 34.5, 35.0, 34.5 [BDN] 26.0, 37.0 [BSM]
		36.0, 37.0, 39.5, 33.0, 37.5 [BN] 37.0, 34.0 [BNP]
<i>Seiurus aurocapillus aurocapillus</i> (M)	I	20.0 [BSD]
<i>Seiurus noveboracensis noveboracensis</i> (M)	I	15.0, 16.0 [BSD] 17.4, 18.0 [BSM]
		18.8 ± 2.3; 16.0-22.0 (10) [BRs]
<i>Setophaga ruticilla ruticilla</i> (M)	M	10.0, 8.0, 9.0 [BRs]
	H	8.0, 7.0 [BSD] 8.0 [BRs]
<i>Sicalis flaveola flaveola</i>	MS	18.0, 19.0 [BDs]
	I	18.0 [BDs]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Sittasomus griseicapillus griseus</i>	I	13.0 [BSD] 14.0 (2), 12.0, 13.0, 14.6, 16.0 [BDN] 13.4, 10.6, 12.4 [BSM] 12.0 (2), 11.0, 14.0 [BN] 15.1, 13.5 [BNP] 14.0, 9.0, 13.0, 11.0 [BRs]
<i>Sporophila intermedia intermedia</i>	M	11.0 (2) [BSD] 10.0 (3), 12.0 (2), 11.0 (2) [BDs] 10.0 [BRs]
	MS	14.0 [BSD] 10.0 (2), 11.0, 12.0, 14.0 [BDs]
	I	11.0 [BSD] 8.0, 10.0, 12.0 (4) [BDs] 12.0 [BRs]
<i>Sporophila lineola lineola</i>	M	9.0, 8.0, 10.0 [BSD] 12.0, 10.0 (6), 11.0 [BDs]
	MS	10.0 (2), 8.0, 9.0 [BDs]
	I	9.3 ± 1.0; 8.0-11.0 (11) [BSD] 8.0 (3), 12.0, 9.0 (3), 10.0 [BDs]
<i>Sporophila minuta minuta</i>	M	8.0, 9.0 [BSD] 8.0 (2) [BDs]
	MS	8.0 (2) [BDs]
	H	8.0, 7.0 [BDs]
	I	7.0, 8.0 [BSD] 9.2 ± 1.7; 7.0-12.0 (11) [BDs]
<i>Sporophila nigricollis nigricollis</i>	M	10.0 [BDs]
	MS	10.0 [BDs]
	I	8.0 (3), 10.0 (3), 7.0 [BDs]
	IJ	6.0 [BDs]
<i>Stelgidopteryx ruficollis aequalis</i>	I	15.0, 12.0 [BSD] 14.0 [BSM] 14.0 [BRs]
<i>Sternoclyta cyanopectus</i>	M	8.5 ± 0.6; 7.3-9.6 (13) [BSM] 8.8 (3), 8.2, 8.6, 7.2 [BN] 8.5, 8.6, 8.2, 9.5, 8.8, 9.2 [BNP] 8.0 [BRs]
	I	8.2, 6.8, 7.6 [BDN] 7.9 ± 0.9; 6.3-9.2 (17) [BSM] 8.0 ± 1.1; 6.2-10.0 (43) [BN] 8.0 ± 1.2; 6.6-10.0 (22) [BNP] 6.0 [BRs]
<i>Sublegatus modestus glaber</i>	I	11.0, 13.0 [CE] 11.0, 14.0 (2), 15.0, 12.0 (2) [BSD]
<i>Synallaxis albescens occipitalis</i>	I	12.0 (3) [BDs]
<i>Syndactyla guttulata guttulata</i> *	I	37.0 (2), 36.0 (2), 35.0, 37.5, 33.5 [BN] 35.3, 34.0, 36.3, 36.6, 37.5 [BNP]
<i>Tangara arthus arthus</i>	I	20.5, 18.8 [BN] 17.0, 17.5, 20.5 [BNP]
<i>Tangara cayana cayana</i>	I	16.0 [BRs]
<i>Tangara gyrola toddi</i>	I	18.0 [BRs]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Tangara rufigenis*</i>	I	16.0, 17.0 [BN]
<i>Tachyphonus rufus</i>	M	32.0, 30.0 (2), 28.0, 36.0 [CE] 34.0 [BSD] 34.0 [BDN] 30.0, 28.0 [BDs] 30.0 [BRs]
	H	33.0, 28.0, 30.0, 34.0 [CE] 31.0 [BDN] 30.0 [BDs] 30.0 (2), 32.0, 34.0 [BRs]
	IJ	30.0 [CE]
<i>Thamnomanes plumbeus tucuyensis</i>	M	21.0 (2), 20.4, 19.0, 21.8 [BN] 18.0, 20.5, 21.5 [BNP]
	H	18.4, 21.0, 23.0 [BN] 18.2, 22.5 [BNP]
<i>Thamnophilus doliatus fraterculus</i>	M	27.0, 23.0 (2), 24.0 [BDs]
	MS	26.0, 24.0 [BDs]
	H	23.0 [CE] 25.0 (3), 26.0, 28.0 (2) [BDs]
	I	26.0 [BDs]
<i>Thraupis episcopus cana</i>	I	37.0, 33.0, 36.0, 38.0 [BRs]
<i>Thraupis glaucocolpa</i>	I	31.6 ± 2.5; 27.0-36.0 (13) [CE] 32.0, 37.0, 30.0 [BDs]
<i>Thryothorus leucotis venezuelanus</i>	I	13.4 [BDN] 18.0, 23.0, 26.0, 21.0 (3) [BRs]
<i>Thryothorus rufalbus cumanensis</i>	I	24.0, 22.0 [BSD] 23.0, 20.0 (2), 24.2 [BDN] 19.0 [BDs] 22.7 ± 1.3; 20.0-24.0 (10) [BRs]
	I	32.5 [BNP]
<i>Thryothorus rutilus rutilus</i>	I	16.0 [BDs] 15.0, 16.0 [BRs]
<i>Tiaris bicolor omissa</i>	I	10.0 (2), 11.0 [CE] 10.0, 12.0 [BSD] 12.0 [BDN] 10.7 ± 1.6; 8.0-14.0 (11) [BDs] 12.0 (2) [BRs]
	M	10.3 ± 1.6; 6.0-12.0 (12) [CE] 10.0 (3), 11.0 (2) [BSD]
	MS	10.0 (2), 12.0 [CE]
	H	11.0 (2), 10.0 [CE] 11.0 (4), 12.0 (2), 10.0 (3) [BSD]
	I	13.2 [BDN]
<i>Tityra cayana cayana</i>	I	80.0 [BN]
<i>Todirostrum cinereum cinereum</i>	I	6.0 (4), 7.0, 8.0 (2) [BDs]
<i>Todirostrum sylvia griseolum</i>	I	10.0 [CE] 7.0 [BSD] 7.0 (2), 8.0 [BDs] 6.0, 8.0, 7.0 [BRs]
	I	12.0 [CE] 10.0, 12.0 [BSD] 11.6 ± 1.0; 10.0-13.0 (14) [BDs] 13.0 [BRs]
<i>Tolmomyias sulphurescens exortivus</i>	I	14.5 [BDN] 15.0, 16.0 [BRs]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
<i>Troglodytes aedon albicans</i>	I	12.0 (2), 13.0 [CE] 15.0, 10.0, 12.0 [BSD] 11.8 ± 1.4; 10.0-15.0 (11) [BDs]
<i>Trogon collaris exoptatus</i>	M	67.0 [CE] 50.0 [BDN] 65.0 [BN]
<i>Turdus albicollis minusculus</i>	I	49.1 ± 3.4; 43.5-55.5 (12) [BDN] 49.6 ± 4.5; 39.0-52.0 (10) [BSM] 50.9 ± 4.7; 41.0-58.0 (10) [BN]
<i>Turdus fumigatus aquilonalis</i>	I	56.0, 60.0, 61.0, 62.0, 52.0 [BDN] 60.0 [BSM]
<i>Turdus leucomelas albiventer</i>	M	78.0, 61.0 [BRs]
	H	88.0, 66.0 [BRs]
	I	60.0, 63.0, 61.0 [BSD] 55.0 [BN] 76.0 [BDs] 66.9 ± 7.8; 54.0-82.0 (11) [BRs]
<i>Turdus nudigenis nudigenis</i>	I	68.0, 61.0, 65.0 [BDs] 69.0, 54.0, 64.0 (3), 62.0 (2) [BRs]
<i>Turdus olivater olivater</i>	M	85.0, 66.0, 70.2, 78.0, 70.0, 68.0, 73.0, 69.0 [BN] 84.0, 70.5 [BNP]
	H	65.0 [BN] 87.5, 70.0 [BNP]
	I	83.0 [BN]
	IJ	69.0 [BNP]
<i>Turdus serranus atrosericeus</i>	M	98.0, 84.0 [BNP]
<i>Tyrannus melancholicus chloronotus</i>	I	38.0, 39.0 [BSD]
<i>Veniliornis kirkii continentalis</i>	I	30.0, 28.0 [CE] 26.0 [BSD] 30.0 (3), 29.0 (2), 26.0, 28.0 [BDs] 30.0 [BRs]
	M	30.0 [CE]
<i>Vireo olivaceus</i> (M)	I	18.0 [CE] 14.0 (2) [BSD] 14.0 [BRs]
<i>Volatinia jacarina splendens</i>	M	10.0 (4), 9.0 (4), 11.0, 8.0 [BSD] 10.0, 8.0 (3) [BDs]
	MS	10.0, 8.0 (4), 9.0 (2), 10.0 (2) [BDs]
	H	10.0 [BSD]
	I	10.0 (3), 8.0 [BSD] 9.2 ± 1.0; 8.0-10.0 (10) [BDs]
<i>Xenops minutus neglectus</i>	I	10.6 (2), 11.0, 10.9, 10.2 [BDN] 11.2 [BSM] 10.0 [BRs]
<i>Xipborhynchus picus choica</i>	I	34.0, 32.0, 36.0, 30.0, 38.0, 40.0, 35.0 [CE]. 36.0 (2), 33.0 [BSD]
<i>Xipborhynchus guttatus nanus</i>	I	40.0, 38.0 [CE] 38.0, 46.0, 44.5, 45.0, 41.0, 44.0, 36.0, 35.0 [BDN]

TABLA 1. Continuación.

Especies	Edad-Sexo	Pesos (g)
		35.0, 43.5 [BSM] 50.0, 43.5, 39.5, 49.5 [BN]
		45.0, 43.5 [BNP] 22.0, 40.0, 47.0 [BDs]
		41.0, 46.0 (2), 40.0, 50.0, 43.0, 52.0 [BRs]

tamaño de 10 o más registros, se proporcionan la media y la desviación estándar, el rango y, entre parentesis, el tamaño de la muestra. Para las muestras con un tamaño inferior a 10, se proporcionan los datos individuales. Si un valor se repite, el número de repeticiones se indica entre paréntesis. Los datos de peso corresponden a individuos adultos, excepto en los casos indicados. Según el caso, el sexo se determinó por el plumaje, la protuberancia de la cloaca, el parche reproductor y la longitud del ala. La edad se determinó principalmente por el plumaje y el pico. La abreviación utilizada para la edad y sexo fue: J, juvenil; S, Sub-adulto; M, macho; H, hembra; I, indeterminado. La lista incluye las masas de 18 de las 52 especies o subespecies endémicas propuestas por Cracraft (1985) para el Centro Montañoso Venezolano. La nomenclatura científica sigue la propuesta por Phelps & Meyer de Schauensee (1994).

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