

MORE BIRD WEIGHTS FROM SURINAM

BY FR. HAVERSCHMIDT

THE present list of bird weights from Surinam should be considered a continuation of my earlier list (1948. *Wilson Bulletin*, 60:230-239).

In the first list I gave weights of 216 species of birds; the present one contains the weights of a hundred additional species, many of them smaller birds which I was unable to weigh earlier. I also have included the weights of several species in the first list where more complete data were available now.

Nomenclature in the following list is based on Peters (1931-1951. "Checklist of birds of the world," Vols. 1-7, Cambridge, Mass.), Cory, Hellmayr, and Conover (1918-1949. *Field Mus. Nat. Hist. Zool. Ser.*, 13, Pts. 1-11), and Zimmer (1931-1951. "Studies of Peruvian birds, Nos. 1-61," *American Museum Novitates*). I should like to correct a mistake in my first list: *Melanerpes cruentatus* (op. cit.:235) should read *Melanerpes rubrifrons*.

			Grams
PELICANS. PELECANIDAE			
<i>Pelecanus o. occidentalis</i>	Dec.	? imm.	3000
HERONS. ARDEIDAE			
<i>Pilherodius pileatus</i>	Jan.	♂	518
SWANS, GESE, AND DUCKS. ANATIDAE			
<i>Nomonyx dominicus</i>	Dec.	♀	298
CONDORS AND VULTURES. CATHARTIDAE			
<i>Coragyps atratus</i>	Mch.	?	1250
	May	♂	1500
<i>Cathartes aura ruficollis</i>	Apr.	?	1000
	Jly.	?	1250
<i>Cathartes urubitinga</i>	May	♀	1480
HAWKS. ACCIPITRIDAE			
<i>Chondrohierax u. uncinatus</i>	Jly.	♂	257
	Aug.	♀	247
<i>Helicolestes hamatus</i>	Aug.	♂	448
<i>Buteo m. magnirostris</i>	Sep.	2 ♀ ♀	310, 350
<i>Buteo n. nitidus</i>	Jly.	♂	492
	Nov.	♂	430
<i>Busarellus n. nigricollis</i>	Nov.	♀	758
<i>Circus brasiliensis</i>	May	♂	391
<i>Geranospiza caerulescens</i>	Nov.	♀	328
FALCONS, FALCONIDAE			
<i>Daptrius ater</i>	Apr.	♀	354
<i>Milvago chimachima paludivagus</i>	Jne.	♂, ♂ imm.	304, 329
		♀ imm.	351
<i>Falco peregrinus anatum</i>	Mch.	♀ imm.	934
PHEASANTS AND QUAIL. PHASIANIDAE			
<i>Colinus cristatus sonnini</i>	Feb.	♂	153
	Aug.	♀	131
<i>Odontophorus g. gujanensis</i>	Dec.	♀	298
RAILS. RALLIDAE			
<i>Aramides c. cajanea</i>	May	♂	408
<i>Laterallus v. viridis</i>	Jan.	♀	73

PLOVERS. CHARADRIIDAE

<i>Hoploxypterus cayanus</i>	May	♀	84
<i>Charadrius hiaticula semipalmatus</i>	Oct.	♀	35
<i>Charadrius collaris</i>	Feb.	♀	29.1
	Aug.	♂	28.2

SANDPIPERS. SCOLOPACIDAE

<i>Tringa flavipes</i>	Jne.	♂	88
<i>Tringa melanoleuca</i>	Feb.	2 ♀ ♀	140, 178
	Sept.	?	180
	Oct.	♂	155
	Dec.	♂	174
<i>Capella p. paraguaiae</i>	Jan.	♂	113
	Sep.	♀	103
	Nov.	2 ♀ ♀	109, 121
	Dec.	♂	109

PIGEONS. COLUMBIDAE

<i>Columba c. cayennensis</i>	Sept.	♂	251
<i>Columba speciosa</i>	Sept.	♂	285
<i>Columba subvinacea purpureotincta</i>	Nov.	♂	110
<i>Columbigallina passerina griseola</i>	Jan.	♀	33
<i>Claravis pretiosa</i>	Jly.	♂	66
<i>Leptotila r. rufaxilla</i>	Apr.	♀	137
	Jne.	♀	131
	Oct.	♀	135
<i>Oreopeleia montana</i>	May	♂ imm.	78

PARROTS. PSITTACIDAE

<i>Ara ararauna</i>	Dec.	♂, ♀	1286, 1157
<i>Ara manilata</i>	Mch.	2 ♂ ♂	358, 360
<i>Ara n. nobilis</i>	Apr.	♀	144
<i>Brotogeris c. chrysopterus</i>	Jan.	♂, 2 ♀ ♀	69, 68, 68
<i>Pionus fuscus</i>	Jan.	♀	210
<i>Amazona a. amazonica</i>	Dec.	♂	403
<i>Deropterus a. accipitrinus</i>	Sep.	♀	253

CUCKOOS. CUCULIDAE

<i>Piaya c. cayana</i>	Jan.	♀	103
<i>Crotophaga major</i>	Nov.	♂	171

TYPICAL OWLS. STRIGIDAE

<i>Otus choliba crucigerus</i>	Oct.	♂	138
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POTOOS. NYCTIBIDAE

<i>Nyctibius grandis</i>	Jne.	♂	500
	Sep.	♂	604

GOATSUCKERS. CAPRIMULGIDAE

<i>Chordeiles a. acutipennis</i>	Feb.	♂	42
	Nov.	3 ♂ ♂	48, 48, 50
		2 ♀ ♀	46, 46
	Dec.	♂	52
<i>Caprimulgus c. cayennensis</i>	Mch.	♂	38
	Jne.	♀	37
	Aug.	♂, 2 ♀ ♀	36, 35, 33
<i>Caprimulgus n. nigrescens</i>	Apr.	♀	39
<i>Hydropsalis climacocerca schomburgki</i>	Oct.	♂	34

SWIFTS. APODIDAE

<i>Chaetura s. spinicauda</i>	Sep.	♀	15
<i>Chaetura b. brachyura</i>	Apr.	♀	20.2
<i>Reinarda s. squamata</i>	Mch.	♀	10.5
	Jne.	2 ♂ ♂	9.4, 9.7

HUMMINGBIRDS. TROCHILIDAE

<i>Glaucis h. hirsuta</i>	Jan.	♂	5.0
	Mch.	♂	7.2

<i>Phaethornis s. superciliosus</i>	Mch.	♀	5.8
<i>Phaethornis l. longuemareus</i>	Jan.	♀	3.75
	Feb.	♀	2.92
	May	♀	3.16
	Jly.	♀	3.27
	Aug.	♂	3.75
	Sep.	♀	3.3
	Dec.	♂	2.9
<i>Campylopterus l. largipennis</i>	Mch.	♀	7.2
<i>Florisuga m. mellivora</i>	Apr.	2 ♂ ♂	6.97, 7.35
	Jly.	♀	6.9
<i>Anthracothorax viridigula</i>	Apr.	2 ♂ ♂	9.4, 9.8
	Nov.	2 ♂ ♂	10.4, 9.9
		♀	9.2
<i>Anthracothorax n. nigricollis</i>	Mch.	2 ♀ ♀	6.9, 7.4
	Apr.	3 ♂ ♂	7.2, 7.8, 8.2
	Aug.	♂, ♀	6.2, 6.3
<i>Chrysolampis mosquitus</i>	Mch.	♀	4.1
	Apr.	♂, ♀	4.4, 3.9
<i>Chlorestes n. notatus</i>	Apr.	♂	3.75
<i>Hylocharis cyanus viridiventris</i>	Apr.	♂	4.25
	May	2 ♂ ♂	3.48, 3.8
<i>Smaragdites t. theresiae</i>	Feb.	♂	3.6
	Jly.	♀	3.5
	Aug.	♂, ♀	3.58, 3.8
	Sep.	♂	3.9
	Nov.	♀	3.5
<i>Amazilia f. fimbriata</i>	Mch.	♂	4.5
	Apr.	♂, 2 ♀ ♀	4.8, 4.9, 5.8
	Nov.	♂	4.5
<i>Amazilia l. leucogaster</i>	Apr.	♂	4.9
	Nov.	♂, ♀	5.4, 4.7
	Dec.	♂, ♀	4.7, 4.6
TROGONS. TROCONIDAE			
<i>Trogon s. strigilatus</i>	Jan.	♀	84
	Oct.	♀	81
	Nov.	♂	98
<i>Trogon v. violaceus</i>	Sep.	♀	50
KINGFISHERS. ALCEDINIDAE			
<i>Ceryle t. torquata</i>	Jly.	♀	295
JACAMARS. GALBULIDAE			
<i>Jacamerops a. aurea</i>	Sept.	♀	58
PUFF-BIRDS. BUCCONIDAE			
<i>Chelidoptera t. tenebrosa</i>	Feb.	♀	39
BARBETS. CAPITONIDAE			
<i>Capito n. niger</i>	May	♀	54
TOUCANS. RAMPHASTIDAE			
<i>Pteroglossus aracari roraimae</i>	Jan.	♀	264
	Jly.	♂	237
	Sep.	♀	266
<i>Pteroglossus v. viridis</i>	Mch.	♂, 2 ♀ ♀	146, 136, 128
	Aug.	♂, ♀	136, 125
	Sep.	♂	143
<i>Ramphastos v. vitellinus</i>	Mch.	♂	358
	Jly.	♀	298
	Nov.	♂	423
	Dec.	♀	387
<i>Ramphastos tucanus</i>	Dec.	♀	514

WOODPECKERS. PICIDAE

<i>Piculus f. flavigula</i>	Jne.	♀	58
	Sep.	♀	44
<i>Celeus elegans hellmayri</i>	Apr.	♂	161
<i>Celeus u. undatus</i>	Jan.	♂, ♀	61, 64
<i>Celeus f. flavus</i>	Jly.	2 ♀ ♀	102, 108
<i>Melanerpes c. cruentatus</i>	Mch.	♂	60
<i>Melanerpes rubrifrons</i>	Dec.	♂, ♀	57, 60
<i>Veniliornis cassini</i>	Jan.	♀	32
<i>Phloeoceastes m. melanoleucos</i>	Jan.	2 ♂ ♂	269, 251
<i>Phloeoceastes r. rubricollis</i>	Jan.	♀	193
	May	♂	236

WOOD-HEWERS. DENDROCOLAPTIDAE

<i>Dendrocincla f. fuliginosa</i>	Jan.	♀	32
	Mch.	♀	37
<i>Xiphorhynchus guttatus polystictus</i>	Dec.	♂, ♀	61, 62
<i>Lepidocolaptes a. albo-lineatus</i>	Feb.	♂	19
	Sep.	♂	24
	Dec.	♀	20.3

OVEN-BIRDS. FURNARIIDAE

<i>Synallaxis albescens josephinae</i>	Mch.	♂, 2 ♀ ♀	14.7, 14.7, 14.6
	Apr.	♀	20
	Nov.	♂	16
	Dec.	♀	15
<i>Philydor pyrrhodes</i>	Jan.	♂	32.5
<i>Automolus ochrolaemus turdinus</i>	Apr.	♂, ♀	35, 36.1
	May	2 ♀ ♀	33, 33
<i>Sclerurus rufigularis fulvicularis</i>	Jan.	♀	23.1

ANT-BIRDS. FORMICARIIDAE

<i>Frederickena viridis</i>	Feb.	♂	71
<i>Thamnophilus m. murinus</i>	Jan.	♂	19
<i>Pygiptila stellaris occipitalis</i>	Feb.	♂	23.8
	Apr.	♂	25.8
	Jne.	♀	24.2
	Oct.	♂	25
<i>Myrmotherula b. brachyura</i>	Aug.	♀	7.8
<i>Myrmotherula a. axillaris</i>	May	2 ♂ ♂	9, 9.2
<i>Herpilochmus s. sticturus</i>	Jan.	♂	11
<i>Formicivora g. grisea</i>	Feb.	♂	11.5
<i>Myrmoborus leucophrys angustirostris</i>	Dec.	2 ♂ ♂, ♀	21, 22, 21
<i>Hypocnemis c. cantator</i>	Jan.	♂, ♀	13, 14
	Feb.	♀	11.5
	Mch.	♂	12.3
	Apr.	♂	11.7
	Oct.	♂	12
	Dec.	♀	14
<i>Hypocnemoides m. melanopogon</i>	Dec.	2 ♂ ♂, ♀	14, 14, 16
<i>Percnostola r. rufifrons</i>	Sep.	♂	30
<i>Myrmeciza f. ferruginea</i>	Oct.	♂	25.9

COTINGAS. COTINGIDAE

<i>Cotinga cayana</i>	Jly.	♂	64
<i>Xipholena punicea</i>	May	♂, ♀ imm.	69, 60
<i>Laniocera hypopyrrha</i>	Mch.	♂	47.2
<i>Lipaugus cineraceus</i>	Apr.	♂	73
	Oct.	2 ♂ ♂	74, 73
<i>Pachyrhamphus rufus</i>	Mch.	♀	18.8
	Apr.	♀	18.6
	Jly.	♂	19.9

<i>Pachyramphus polychopterus tristis</i>	Apr.	♂	20.7
	May	♀	22.4
	Jne.	2 ♂ ♂, ♀	20.5, 20, 22.3
	Aug.	♂	24.5
	Sep.	♀	22.2
	Nov.	♂, ♀	23, 23
<i>Pachyramphus marginatus nanus</i>	Jan.	♂	18
<i>Platypsaris minor</i>	May	♂	38
	Sep.	♂, ♀	44, 39
<i>Querula purpurata</i>	Feb.	♂, ♀	104, 91
<i>Gymnoderus foetidus</i>	Sep.	♀	241
MANAKINS. PIPRIDAE			
<i>Pipra a. aureola</i>	May	2 ♂ ♂, ♂ imm.	14.9, 15.4, 16.3
	Dec.	♀	18
<i>Pipra e. erythrocephala</i>	Jan.	♂ imm.	11
	Feb.	♀	10.8
	Jne.	3 ♂ ♂	11.1, 11.2, 11.6
	Oct.	♂	10.2
	Dec.	♂	12
<i>Pipra p. pipra</i>	Dec.	2 ♂ ♂	9.1, 9.6
<i>Manacus m. manacus</i>	Mch.		14.5
	Sep.	♂	17.7
	Dec.	♂	16.1
<i>Schiffornis turdinus wallacii</i>	Mch.	♀	31.3
	Feb.	3 ♂ ♂	30, 37, 31
	Apr.	♂	34
<i>Neopelma chrysocephalum</i>	Mch.	♂	15.7
	Nov.	♂	16
TYRANT FLYCATCHERS. TYRANNIDAE			
<i>Fluvicola p. pica</i>	Feb.	♂, ♀	15, 11.9
<i>Tyrannus dominicensis vorax</i>	Mch.	♀	55
<i>Empidonomus varius rufinus</i>	Feb.	2 ♂ ♂	23.9, 26
	Mch.	2 ♂ ♂, ♀	24, 23, 24
	Nov.	♂	23
	Dec.	♀	25
<i>Empidonomus varius varius</i>	May	♀	27
	Jly.	♀	27
<i>Myiodynastes maculatus solitarius</i>	May	2 ♂ ♂	44, 47
<i>Myiarchus f. ferox</i>	Jan.		29
	Feb.	♂	30.2
	Mch.	3 ♀ ♀	28.7, 29.2, 29.5
	Apr.	♂	30
	Jly.	♂	29
	Sep.	2 ♂ ♂, ♀	28.9, 29, 30
	Nov.	3 ♂ ♂	26, 28, 23
		♀	26
	Dec.	2 ♂ ♂	28, 26
		2 ♀ ♀	29, 30
<i>Myiobius b. barbatus</i>	Apr.	♂	10.4
<i>Myiophobus f. fasciatus</i>	Dec.	♂	11
<i>Tolmomyias sulphurescens cherriei</i>	Jly.	♂	13
	Nov.	♂	13
<i>Tolmomyias poliocephalus sclateri</i>	Jly.	♀	11.1
	Aug.	2 ♀ ♀	11, 11.3
	Nov.	♂, 2 ♀ ♀	12, 12, 12.1
<i>Tolmomyias flaviventris collingwoodi</i>	Mch.	♀	13.4
	May	♀	13.6
	Jly.	♂	13
	Aug.	♀	13.5

<i>Rhynchocyclus olivaceus guianensis</i>	Feb.	♀	20
<i>Ramphotricon ruficauda</i>	Jan.	♀	16.2
	Jne.	2 ♂ ♂	15, 17.5
		♀	17.9
<i>Todirostrum chrysocrotaphum pictum</i>	Oct.	♂	6.53
<i>Todirostrum c. cinereum</i>	Feb.	♂	6.9
	Aug.	♀	6.6
<i>Todirostrum m. maculatum</i>	Jne.	♀	7.2
	Oct.	♂	7.6
<i>Colopteryx galeatus</i>	Mch.	♂	6.9
	Oct.	♂	7.4
<i>Elaenia f. flavogaster</i>	Nov.	♂	26
	Dec.	♂, ♀	25, 24
<i>Elaenia cristata</i>	Feb.	♀	19.3
	May	♀	17.4
	Nov.	♀	18
<i>Elaenia gaimardii guianensis</i>	Apr.	♀	11.1
	Sep.	♂	12.8
<i>Elaenia flavivertex</i>	Dec.	♀	11
<i>Phaeomyias murina incomta</i>	Feb.	♂	10.3
<i>Camptostoma obsoletum napaeum</i>	Feb.	♂	9.5
	Mch.	♀	7.7
	Jne.	♂	8.0
	Jly.	♂	9.4
	Sep.	♀	7.75
<i>Tyrannulus e. elatus</i>	Jan.	♂	8
	Aug.	♀	7.3
<i>Pipromorpha o. oleaginea</i>	Oct.	♀	10.4
<i>Pipromorpha m. macconnelli</i>	Oct.	♂	14.5
SWALLOWS. HIRUNDINIDAE			
<i>Progne s. subis</i>	Oct.	♀	52
<i>Progne c. chalybea</i>	Jan.	♀	40
	Jne.	♀	37
	Aug.	2 ♂ ♂	45, 50
	Dec.	♂	39
<i>Phaeoprogne t. tapera</i>	Jan.	♂	34
	Nov.	♀	36
	Dec.	3 ♀ ♀	32, 34, 45
		♂	30
WRENS. TROGLODYTIDAE			
<i>Thryothorus leucotis albipectus</i>	Dec.	2 ♀ ♀	23, 25
<i>Thryothorus c. coraya</i>	Mch.	♂, ♀	15.4, 17.3
	Nov.	♀	15
<i>Troglodytes musculus clarus</i>	Apr.	♂, ♀	12.2, 13.4
	May	♀	11.7
	Jne.	♂	12.6
<i>Henicorhina l. leucosticta</i>	Apr.	♂	15.5
MOCKINGBIRDS. MIMIDAE			
<i>Mimus g. gilvus</i>	Jan.	♂ imm.	52
THRUSHES. TURDIDAE			
<i>Turdus n. nudigenis</i>	Jne.	♀	69
<i>Turdus leucomelas ephippialis</i>	Jne.	♀	75
WARBLERS, GNATCATCHERS, AND KINGLETS. SYLVIIDAE			
<i>Poliotilta p. plumbea</i>	Jly.	♂	6.9
	Oct.	♂, ♀	7, 7
<i>Ramphocaenus melanurus albiventris</i>	Apr.	2 ♂ ♂, ♀	8.2, 8.7, 8.3
VIREOS. VIREONIDAE			
<i>Hylophilus pectoralis</i>	Feb.	♂, ♀	11.7, 11.8
	Mch.	♀	11.7

HONEY-CREEPERS. COEREBIDAE

<i>Cyanerpes c. cyaneus</i>	Feb.	♂	12.7
	Mch.	♀	13.1
	Apr.	♂	14
	May	♀	12.2
	Nov.	♂	12.2
<i>Cyanerpes c. caeruleus</i>	May	♀, ♂	9.6, 10.8
<i>Coereba flaveola minima</i>	Mch.	♀	9.5
	May	♂	8.2
	Aug.	♂	9.9

WOOD WARBLERS, PARULIDAE

<i>Dendroica petechia aestiva</i>	Mch.	3 ♀ ♀	8.6, 10.5, 13.2
	Sep.	♀	11

TROUPIALS. ICTERIDAE

<i>Xanthornus d. decumanus</i>	Feb.	♀	157
	Aug.	♂, ♀	291, 148
	Sep.	♀	151
<i>Cacicus c. cela</i>	Mch.	♂	103
		4 ♀ ♀	59, 62, 63, 68
<i>Molothrus bonariensis minimus</i>	Jly.	♀	36
<i>Icterus chryscephalus</i>	Jne.	♂	42
	Dec.	♂	44
<i>Icterus n. nigrogularis</i>	Apr.	♂, ♂ imm.	40, 36
<i>Leistes m. militaris</i>	Jan.	♂	48
	May	2 ♂ ♂	47, 48
	Dec.	♂ imm.	41
<i>Sturnella magna</i> subsp.	Jan.	♂ imm., 2 ♀ ♀	79, 77, 74
	Feb.	♂	95
	Mch.	♂, ♀	86, 72
	Apr.	♂, ♂ imm.	86, 72
	Oct.	♂	91
	Nov.	♂	91
		3 ♀ ♀	81, 73, 64
	Dec.	♂, 3 ♀ ♀	92, 80, 73, 72

TANAGERS. THRAUPIDAE

<i>Tanagra v. violacea</i>	Aug.	♂, ♀	13.8, 12.7
	Oct.	♀	14.7
	Dec.	♂	13.0
<i>Tangara c. cayana</i>	Feb.	♂, ♀	20.3, 19
	Apr.	♂, ♀	19, 17
	May	♂	17
	Dec.	♂	19
<i>Thraupis e. episcopus</i>	Feb.	♂	28
	Jne.	♂	37
<i>Ramphocelus c. carbo</i>	Sep.	3 ♂ ♂	25.5, 26, 29
	Nov.	♂ imm.	27.5
<i>Tachyphonus cristatus intercedens</i>	Feb.	♂	19.5
<i>Tachyphonus phoenicius</i>	Jan.	♀	25
	Mch.	♂ imm.	21.2
	Apr.	♂ imm.	22
	Nov.	♂, ♂ imm.	22, 20
<i>Eucometis p. penicillata</i>	Dec.	♀	29
<i>Nemosia pileata surinamensis</i>	Apr.	♂, 2 ♀ ♀	16.3, 17, 17.5
	Jne.	♂	14.5
	Jly.	♂, ♀ imm.	16, 20.7
<i>Hemithraupis guira nigrigula</i>	Mch.	♂	11.4
	Sep.	♂	11.2
<i>Schistochlamys m. melanopsis</i>	Jan.	♂	30
	May	♀	29
	Nov.	♂	33

FINCHES. FRINGILLIDAE

<i>Saltator coerulescens olivascens</i>	Jly.	♂	54
<i>Caryothraustes c. canadensis</i>	Jan.	♂, 2 ♀ ♀	34, 36, 36
<i>Sporophila plumbea whiteleyana</i>	Mch.	♂	9.7
<i>Sporophila m. minuta</i>	Feb.	♂	7.3
	May	♂	7.4
	Aug.	♀	7.9
	Nov.	♂	8.3
	Dec.	♂	9
<i>Sporophila castaneiventris</i>	Jan.	♂	6.8
<i>Oryzoborus angolensis torridus</i>	Mch.	♂ ♂ ♂	11.4, 12.7, 13.1
	Dec.	♂	12
<i>Volatinia jacarina splendens</i>	Mch.	♂	9.6
<i>Myospiza h. humeralis</i>	Dec.	♀	18

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