

## BIRD WEIGHTS FROM SURINAM

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THE importance of bird weights has been stressed recently by a number of authors (e.g., Huxley, 1927; Baldwin and Kendeigh, 1938; Amadon, 1943). For palearctic birds our knowledge has become comparatively extensive, especially since the pioneer work by Heinroth (1922), and the vast material assembled by Weigold (1926) from migrant birds at Heligoland.

The latest summaries of bird weights from all over the world as given by Heinroth (1922) and Groebels (1932) show how little is known about the weights of neotropical birds. It is not always possible for collectors to take weights of their specimens during expeditions in the tropical rain forest; that is primarily a task for the resident ornithologist. Following a suggestion by Ernst Mayr, I have weighed all birds since I started collecting in Surinam in June 1946, recording the weights on the labels of the specimens. Birds weighing more than 1,000 or less than 11 grams had to be omitted. The time between the actual killing and the weighing varied from 2 to 12 hours. In the following list I give weights for 216 species of birds, with the month of the year and, in most cases, the sex of the bird weighed.

The list makes possible some interesting comparisons. For example, the Guianan race of the worldwide Barn Owl (*Tyto alba hellmayri*) weighs 446–558 grams; its smaller relative from the middle of Europe (*T. a. guttata*), according to Niethammer (vol. 2, 1938:121), only 220–355 grams. The collecting of weights of worldwide species would be of the greatest interest.

Nomenclature in the following list is based on Peters (1931–1948) and Cory and Hellmayr (1918–1942).

HERONS. ARDEIDAE			Grams
<i>Pilherodias pileatus</i>	Mch.	♂	591
<i>Butorides s. striatus</i>	Dec.	♀ imm.	155
	Jan.	♂ imm.	181
	Mch.	♂	187
	Sep.	♂	173
<i>Florida caerulea</i>	May	♂	247
<i>Bubulcus ibis</i>	Dec.	♂	326
	Jan.	3 ♀♀	330, 341, 342
		3 ♂♂	346, 372, 380
	Feb.	♀, ♂	332, 368
	Mch.	♂	345
<i>Leucophoyx t. thula</i>	May	♂	277
<i>Hydranassa t. tricolor</i>	Apr.	♀	233
	May	♂	242
<i>Tigrisoma l. lineatum</i>	Apr.	♂, ♀	875, 737
	Jly.	♂ imm.	980

			Grams
<b>IBISES and SPOONBILLS.</b>			
THESEKIORNITHIDAE			
<i>Mesembrinibis cayennensis</i>	Mch.	♂	785
<i>Guara rubra</i>	Apr.	2 ♀	415, 520
	Jne.	♂ imm.	890
	Nov.	♂ imm.	637
<b>SWANS, GEESE, and DUCKS. ANATIDAE</b>			
<i>Dendrocygna autumnalis discolor</i>	May	♀	550
	Aug.	♂	500
<i>Anas b. bahamensis</i>	Nov.	2 ♂ ♂	475, 527
		2 ♀ ♀	505, 633
	Dec.	♂	533
<b>HAWKS. ACCIPITRIDAE</b>			
<i>Elanus l. leucurus</i>	Apr.	♂ imm.	272
<i>Elanoides forficatus yetapa</i>	Jan.	♀	435
	Jne.	♀	405
<i>Odontiorchis palliatus</i>	Mch.	♀	416
<i>Chondrohierax uncinatus</i>	Mch.	♀	235
<i>Ictinia plumbea</i>	Jan.	2 ♂ ♂	267, 267
<i>Helicolestes hamatus</i>	Nov.	♀	450
	Dec.	♀	435
	Mch.	?	395
	Apr.	♂	377
<i>Heterospizias m. meridionalis</i>	May	♀	921
<i>Buteo m. magnirostris</i>	Jly.	♂	206
	Aug.	♀	270
		2 ♂ ♂	260, 240
<i>Buteo albicaudatus colonus</i>	Sep.	♀	268
<i>Asturina n. nitida</i>	Feb.	♀	257
	Oct.	♀ imm.	585
	Nov.	♂	357
	May	♀ imm.	320
	Jne.	♀	516
<i>Leucopternis a. albicollis</i>	Oct.	♂	600
<i>Hypomorphnus u. urubutanga</i>	Sep.	♀ imm.	659
<i>Buteogallus aequinoctialis</i>	Jly.	♀	735
	Sep.	♂, ♀	760, 730
	Nov.	♂	634
	Jan.	♂ imm.	636
	Mch.	♀ imm.	600
<i>Busarellus n. nigricollis</i>	Apr.	♀	829
	May	♂	502
<i>Geranospiza caerulescens</i>	Apr.	♂	230
	May	♂, ♀	295, 284
<i>Herpetotheres c. cachinnans</i>	Aug.	♂	567
<i>Micrastur mirandollei</i>	Jne.	♀	556
<i>Daptrius a. americanus</i>	Apr.	♀	586
<i>Daptrius ater</i>	Jly.	♂	330
<i>Milvago chimachima paludivagus</i>	Mch.	?	251
	May	♀	326
	Aug.	♂, ♂ imm.	310, 235
<i>Falco peregrinus anatum</i>	Dec.	♂	575
<i>Falco a. albicularis</i>	Sep.	♂	120
	Oct.	♂	132
	Dec.	♂, ♀	108, 206
<b>CURASSOWS. CRACIDAE</b>			
<i>Ortalis m. motmot</i>	Jan.	♂	495
	Mch.	♂	500
	May	♂	493
	Oct.	♀	385

			Grams
PHEASANTS. PHASIANIDAE			
<i>Colinus cristatus sonnini</i>	Aug.	♂	117
LIMPKINS. ARAMIDAE			
<i>Aramus s. scolopaceus</i>	Dec.	♀	930
RAILS. RALLIDAE			
<i>Aramides c. cajanea</i>	Jne.	♀	462
<i>Porphyrrula martinica</i>	Jly.	♀	213
SUN-GREBES. HELIORNITHIDAE			
<i>Heliornis fulica</i>	Oct.	♂ imm.	110
SUN-BITTERNS. EURYPTYGIDAE			
<i>Eurypyga h. helias</i>	Nov.	♀	211
	Feb.	♂	295
JACANAS. JACANIDAE			
<i>Jacana spinosa jacana</i>	Mch.	♂	118
	Apr.	♂	112
PLOVERS. CHARADRIIDAE			
<i>Charadrius hiaticula semipalmatus</i>	Dec.	?	45
<i>Charadrius collaris</i>	Oct.	2 ♂♂	25, 23
	Nov.	♀	26
	Apr.	♀	27
<i>Charadrius wilsonia cinnamominus</i>	Nov.	♂	56
SANDPIPERs. SCOLOPACIDAE			
<i>Bartramia longicauda</i>	Mch.	♂	166
<i>Tringa flavipes</i>	Nov.	2 ♂♂	68, 79
<i>Tringa melanoleuca</i>	Mch.	?	145
<i>Tringa solitaria cinnamomea</i>	Sep.	♀	37
	Dec.	♂	38
<i>Actitis macularia</i>	Sep.	♂	37
	Oct.	♀	25
<i>Catoptrophorus s. semipalmatus</i>	Mch.	♀	236
<i>Limnodromus g. griseus</i>	Sep.	♂	81
<i>Capella p. paraguaiae</i>	May	♂	130
	Oct.	♂	88
<i>Ereunetes pusillus</i>	Sep.	♂	20
	Nov.	♂	22
	Mch.	?, ♀	22, 20
<i>Erolia minutilla</i>	Oct.	♂, ♀	17, 22
<i>Erolia fuscicollis</i>	Nov.	♂, ♀	23, 36
<i>Erolia melanotos</i>	Oct.	3 ♂♂	46, 55, 56
<i>Himantopus himantopus mexicanus</i>	Nov.	♂	149
	Dec.	?	132
GULLS. LARIDAE			
<i>Phaetusa s. simplex</i>	Jne.	♂	239
	Aug.	?	208
<i>Gelochelidon nilotica aranea</i>	Nov.	♀	154
<i>Sterna albifrons antillarum</i>	Sep.	♂	39
<i>Sterna superciliaris</i>	Jne.	♂	57
SKIMMERS. RYNCHOPIDAE			
<i>Rynchops nigra cinerascens</i>	Apr.	♂	298
PIGEONS. COLUMBIDAE			
<i>Columba speciosa</i>	Dec.	2 ♂♂	315,296
<i>Columba cayennensis cayennensis</i>	Mch.	♂	193
	Jly.	♂	167

			Grams
<i>Columba plumbea pallescens</i>	Nov.	♂	110
<i>Columbigallina passerina griseola</i>	Jan.	♂	32
	Apr.	♂	34
	Sep.	♂	34
	Oct.	♂	29
	Nov.	2 ♂♂	27, 29
<i>Columbigallina t. talpacoti</i>	Jne.	♂	41
	Jly.	♀	45
	Aug.	♀	44
	Sep.	♀	52
<i>Columbigallina m. minuta</i>	Jne.	2 ♂♂	27, 34
	Sep.	♂	28
	Nov.	2 ♂♂	26, 30
		2 ♀♀	28, 34
<i>Leptotila r. rufaxilla</i>	Jan.	♂	135
	Oct.	♂	152
<i>Leptotila verreauxi brasiliensis</i>	Feb.	♂, ♀	120, 100
	Mch.	♂	129
	Jne.	♀	121
	Aug.	♀	99
	Oct.	♂	113
<i>Oreopeleia montana</i>	Oct.	♂	85
<b>PARROTS. PSITTACIDAE</b>			
<i>Ara s. severa</i>	Jne.	♀	364
<i>Ara n. nobilis</i>	Feb.	♀	129
<i>Aratinga l. leucophthalmus</i>	Jly.	♂, ♀	160, 165
<i>Aratinga pertinax chrysophrys</i>	Jne.	♀	78
	Aug.	♂, ♀	90, 100
<i>Pyrrhura picta picta</i>	May	3 ♀♀	65, 69, 63
<i>Forpus p. passerinus</i>	Feb.	♀	20
	May	♂, ♀	22, 23
	Jne.	♂, ♀	20, 23
	Aug.	♂	21
<i>Brotogeris c. chrysopterus</i>	Apr.	♂, ♀	53, 49
	Sep.	♂	49
<i>Pionites m. melanocephala</i>	Jly.	♂	152
		2 ♀♀	148, 130
<i>Pionus menstruus</i>	Nov.	♀	213
<i>Pionus fuscus</i>	Jly.	♂	199
<i>Amazona o. ochrocephala</i>	Nov.	♀	451
	Jan.	♀	406
<i>Amazona amazonica amazonica</i>	Jan.	♂, ♀	298, 312
<i>Deroptyus a. accipitrinus</i>	Jan.	♀	270
	Feb.	♂, ♀	211, 190
<b>CUCKOOS. CUCULIDAE</b>			
<i>Coccyzus a. americanus</i>	Apr.	♀	59
<i>Coccyzus m. minor</i>	Aug.	♀	63
<i>Piaya c. cayana</i>	Jly.	♂	93
	Aug.	♂	94
	Sep.	♂	84
	Oct.	♂	93
	Nov.	♂	101
<i>Piaya m. minutoides</i>	Jan.	♂	38
	Apr.	♀	44
	Jne.	♀	37
	Sep.	♀	37
<i>Crotophaga major</i>	Mch.	?	169
	May	♂	159
<i>Crotophaga ani</i>	Jly.	2 ♂♂	95, 108
	Aug.	2 ♂♂	78, 99

			Grams
<i>Tapera n. naevia</i>	Mch.	♂	40
	Apr.	♀	41
BARN OWLS. TYTONIDAE			
<i>Tyto alba hellmayri</i>	Nov.	♀	498
	Apr.	♀	446
	Mch.	♂, ♀	485, 558
TYPICAL OWLS. STRIGIDAE			
<i>Otus choliba crucigerus</i>	May	♂	142
<i>Pulsatrix perspicillata perspicillata</i>	Jne.	♂	591
	Dec.	♀	765
<i>Rhinoptynx c. clamator</i>	Nov.	♂	347
	May	♀	502
POTOOS. NYCTIBIIDAE			
<i>Nyctibius grandis</i>	Nov.	♀	581
GOATSUCKERS. CAPRIMULGIDAE			
<i>Nyctidromus a. albicollis</i>	Sep.	2 ♂♂	49, 54
	Apr.	♂	53
<i>Chordeiles a. acutipennis</i>	Jan.	♂	46
	Nov.	♂	47
SWIFTS. APODIDAE			
<i>Chaetura s. spinicauda</i>	Oct.	♂	14
TROGONS. TROGONIDAE			
<i>Trogon m. melanurus</i>	Jly.	♂, ♀	107, 88
<i>Trogon s. strigilatus</i>	Jly.	♀	69
	Aug.	♀	79
	Sep.	♀	73
	Nov.	♂	81
	Feb.	♂	78
KINGFISHERS. ALCEDINIDAE			
<i>Ceryle t. torquata</i>	May	♀	293
<i>Chloroceryle a. americana</i>	Mch.	♂	25
	Oct.	♀	23
<i>Chloroceryle i. indica</i>	Mch.	♂	46
	Apr.	♂	55
<i>Chloroceryle ae. aenea</i>	Dec.	♂	15
	Mch.	♂	11
	Apr.	♂, ♀	11, 15
	May	♂	12
JACAMARS. GALBULIDAE			
<i>Galbula d. dea</i>	Apr.	♂	31
	May	♂, ♀	22, 24
	Aug.	♂	25
	Oct.	♂	30
<i>Galbula galbula</i>	Jan.	♂	20
	Mch.	♀	20
	May	♂	18
	Jly.	♀	22
	Nov.	♀	21
PUFF-BIRDS. BUCCONIDAE			
<i>Notharchus t. tectus</i>	Jan.	♀	28
	Feb.	♂	23
	Oct.	♀	27
	Nov.	♂	21
<i>Bucco t. tamia</i>	Dec.	2 ♀♀	33, 35
<i>Monasa atra</i>	Apr.	♂, ♀	85, 91
	Oct.	♀	94.5
<i>Chelidoptera t. tenebrosa</i>	Sep.	♂	34
	Oct.	2 ♂♂	29, 32
		♀	37
	Nev.	♂	31

## BARBETS. CAPITONIDAE

	Sep.	♂	Grams
	Nov.	♂	
<i>Capito niger</i>			44 54

## TOUCANS. RAMPHASTIDAE

<i>Ramphastos tucanus</i>	Jly.	♂	690
	Aug.	♀	420
	Oct.	♂	540
<i>Pteroglossus aracari atricollis</i>	Feb.	♀	218
	Jne.	♂	210
	Apr.	♀	152
<i>Pteroglossus viridis</i>	May	♂	279
	Jly.	♀	130
	Dec.	♂	121
<i>Selenidera culik</i>	Feb.	♀	120
	Jly.	2 ♂♂	129, 135
		♀	138

## WOODPECKERS. PICIDAE

<i>Melanerpes cruentatus</i>	Feb.	2 ♂♂	60, 63
<i>Chrysopitilus p. punctigula</i>	Sep.	♂	56
	Feb.	♂, ♀	65, 61
	Nov.	♂	62
	May	♂	63
<i>Celeus elegans hellmayri</i>		2 ♀♀	52, 58
	Feb.	♀	154
	Apr.	♂	152
<i>Celeus torquatus</i>	Jne.	♀	139
<i>Dryocopus l. lineatus</i>	Jne.	2 ♂♂	107, 113
	Mch.	♂	209
	Apr.	♂	217
	May	♀	158
	Aug.	♂	206
<i>Phloeoceastes rubricollis</i>	Sep.	♂	210
	Jne.	♀	206
	Dec.	♂	197
<i>Phloeoceastes m. melanoleucus</i>	Mch.	♀	230
	Apr.	♀	251
	Aug.	♂, ♀	247, 251
<i>Veniliornis sanguineus</i>	Jan.	♀	26
	Mch.	♂	30
	May	♂	24
	Jly.	♂	24
	Sep.	♂, ♀	30, 23
<i>Veniliornis cassini</i>	Jly.	♂	27
	Sep.	♂	28
	Oct.	♀	33
<i>Picumnus minutissimus</i>	Jan.	♂	11
	Mch.	♀	13
	Dec.	♀	12

## WOOD-HEWERS. DENDROCOLAPTDAE

<i>Xenops minutus ruficaudus</i>	Sep.	♂	11
<i>Glyphorynchus s. spirurus</i>	Feb.	♂	14
	Aug.	♂	12
	Sep.	♀	13
	Oct.	♀	14
<i>Dendroplex p. picus</i>	Jan.	♀	38
	Aug.	♂	36
	Sep.	♂	35
	Oct.	2 ♂♂	35, 39
		♀	38

			Grams
<i>Xiphorhynchus guttatus polystictus</i>	Oct.	♀	49
	Nov.	♂	53
<i>Xiphorhynchus o. obsoletus</i>	Sep.	♂	37
<i>Dendrocincla f. juliginosa</i>	Jly.	♂	42
<i>Dendrexetastes r. rufifrons</i>	Apr.	♀	68
<b>OVEN-BIRDS. FURNARIIDAE</b>			
<i>Synallaxis albescens albicularis</i>	Aug.	♂	12
<i>Synallaxis r. rutilans</i>	Dec.	♂, ♀	15, 16
	Jan.	♂	17
<i>Synallaxis g. gujanensis</i>	Apr.	♂	23
	May	♂	16
<i>Certhiaxis cinnamomea cinnamomea</i>	Oct.	♂	13
	May	♂	16
<b>ANT-BIRDS. FORMICARIIDAE</b>			
<i>Taraba major semifasciatus</i>	Nov.	♂	59
	Dec.	♂	55
	May	♀	57
<i>Sakesphorus c. canadensis</i>	May	♂	22
	Jly.	♂	20
	Sep.	♀	20
	Feb.	♀	25
<i>Thamnophilus d. doliatus</i>	Apr.	♀	25
	Jly.	♂	30
	Sep.	♂	32
	Oct.	♀	25
	Feb.	♂	25
<i>Thamnophilus p. punctatus</i>	Dec.	♂	20
	Jan.	♂, ♀	21, 25
	Jly.	♂	21
	Sep.	2 ♂♂	17, 17
		♀	16
	Oct.	♂	22
<i>Sclateria n. naevia</i>	Jan.	♂	20
	May	♂	21
<i>Cercomacra n. nigrescens</i>	May	♂	19
<i>Cercomacra tyrannina saturatior</i>	Jan.	♂	19
<i>Myrmoborus leucophrys angustirostris</i>	Jan.	♀	16
	May	♂	17
<i>Percnostola r. rufifrons</i>	Oct.	♀	26
	Nov.	♂	24
	Feb.	♂	29
	Jly.	♂	25
<i>Myrmotherus ferrugineus</i>	Oct.	♀	25
<i>Myrmotherus a. atrothorax</i>	Jan.	♂	18
	Sep.	♀	12
	Dec.	♀	16
<b>COTINGAS. COTINGIDAE</b>			
<i>Attila c. cinnamomeus</i>	Nov.	♂	41
	May	♀	28
	Jly.	♂	40
	Aug.	♂	37
	Dec.	♂	40
<i>Rhytipterna simplex frederici</i>	Sep.	♀	29
	Dec.	♂	36
<i>Pachyramphus rufus</i>	Feb.	♂	18
	Mch.	♀	15
	Jne.	♂	14
	Jly.	♀	17

		Grams
<i>Pachyramphus marginatus nanus</i>	Jan.	♂
	Oct.	♀
	Nov.	♀
<i>Pachyramphus polychopterus tristis</i>	Sep.	♂
<i>Platyparis minor</i>	Jan.	♀
<i>Tityra c. cayana</i>	Aug.	♀
	Sep.	♂
<i>Tityra inquisitor erythrogenys</i>	Jan.	♂
<i>Querula purpurata</i>	Apr.	♂
	Jly.	♂, ♀
MANAKINS. PIPRIDAE		
<i>Pipra a. aureola</i>	Jne.	♂
<i>Manacus m. manacus</i>	Jly.	♂
	Aug.	♀
	Nov.	2 ♀♀
	Feb.	♂
TYRANT FLYCATCHERS. TYRANNIDAE		
<i>Fluvicola p. pica</i>	Mch.	♂
	Jly.	♀
<i>Arundinicola leucocephala</i>	Jan.	♂
<i>Muscivora tyrannus</i>	Apr.	♂
	Jne.	♂
	Sep.	♂
<i>Tyrannus melancholicus despotes</i>	Sep.	♂
	Dec.	♀
	Feb.	♂
<i>Tyrannus dominicensis vorax</i>	Mch.	♂, ♀
<i>Legatus leucophaius leucophaius</i>	Feb.	♂
	Apr.	♀
	May	♂
	Oct.	♂
<i>Myiodynastes maculatus maculatus</i>	Mch.	♀
	May	2 ♂♂
		♀
	Aug.	♀
<i>Megarynchus p. pitangua</i>	Jly.	♂
	Dec.	♂, ♀
<i>Myiozetetes c. cayanensis</i>	Dec.	♀
	Feb.	♂
	Oct.	♂
<i>Pitangus s. sulphuratus</i>	Jne.	♂ imm.
	Jly.	♂
	Sep.	♂
	Feb.	♂
<i>Pitangus l. lictor</i>	May	2 ♂♂
		♀
	Jne.	♂
<i>Elaenia f. flavogaster</i>	Nov.	♂
<i>Elaenia cristata</i>	May	♂
	Oct.	3 ♂♂
	Dec.	♂
<i>Elaenia gaimardi guianensis</i>	Jan.	♂
<i>Cnemotriccus fuscatus fumosus</i>	Jne.	♀
<i>Empidonax varius rufinus</i>	Jly.	♂
SWALLOWS. HIRUNDINIDAE		
<i>Progne ch. chalybea</i>	May	♂ imm.
	Sep.	♀
<i>Stelgidopteryx ruficollis cacabatus</i>	Mch.	2 ♂♂
	Apr.	♀

			Grams
<i>Iridoprocne albiventer</i>	Apr.	♂	17
CROWS AND JAYS. CORVIDAE			
<i>Cyanocorax cayanus</i>	Dec.	♀	175
WRENS. TROGLODYTIIDAE			
<i>Thryothorus leucotis albipectus</i>	Jan.	♂	22
<i>Thryothorus c. coraya</i>	Feb.	♂	18
	Aug.	♀	19
	Dec.	♂	21
MOCKINGBIRDS. MIMIDAE			
<i>Mimus g. gilvus</i>	Jly.	♂	56
	Oct.	♂, ♀	58, 55
<i>Donacobius a. atricapillus</i>	Aug.	♂, ♀	38, 31
	Nov.	♂	33
THRUSHES. TURDIDAE			
<i>Turdus n. nudigenis</i>	Sep.	♀	58
	Oct.	♂	60
	Dec.	♀	67
<i>Turdus f. fumigatus</i>	Oct.	♂	75
<i>Turdus leucomelas ephippialis</i>	Apr.	♂	73
	Jly.	♂ imm.	55
	Feb.	♂	63
HONEY-CREEPERS. COEREVIDAE			
<i>Cyanerpes cyaneus cyaneus</i>	Oct.	♂	12
	Dec.	♂, ♀	15, 16
<i>Dacnis c. cayana</i>	Apr.	♂ imm.	12
	Sep.	♀	12
	Oct.	♂	12
		2 ♀♀	12, 13
TROUPIALS. ICTERIDAE			
<i>Xanthornus d. decumanus</i>	Aug.	♂	280
<i>Xanthornus viridis</i>	Jly.	♂	330
<i>Cacicus cela cela</i>	Nov.	♂	81
<i>Cacicus h. haemorrhouss</i>	Dec.	♂	103
	Dec.	♀	74
	Feb.	♂	104
<i>Psomocolax o. oryzivorus</i>	Nov.	♂	120
<i>Molothrus bonariensis minimus</i>	Aug.	♂	36
	Oct.	♂	39
<i>Holoquiscalus l. lugubris</i>	Aug.	2 ♂♂	60, 65
<i>Icterus chrysoccephalus</i>	Nov.	♂	38
<i>Icterus n. nigrogularis</i>	Jan.	♀	41
	Dec.	♂	35
	Feb.	♀	30
	Mch.	♂	35
<i>Agelaius i. icterocephalus</i>	May	♂	35
<i>Leistes m. militaris</i>	May	♂, ♀	51, 39
<i>Sturnella magna praticola</i>	Oct.	♂, ♀	86, 73
TANAGERS. THRAUPIDAE			
<i>Tanagra v. violacea</i>	Feb.	♂	11
<i>Calospiza p. punctata</i>	Feb.	♀	13
<i>Calospiza m. mexicana</i>	Jly.	♂	27
<i>Thraupis e. episcopus</i>	Sep.	♂	17
	Dec.	♀	37
	Jly.	♀	32
<i>Thraupis palmarum melanoptera</i>	Aug.	?	45
	Sep.	2 ♂♂	37, 26
<i>Ramphocelus c. carbo</i>	May	♀	23
	Sep.	♂	26

			Grams
<i>Tachyphonus rufus</i>	Jne.	♂	33
	Jly.	♀	31
	Sep.	♂	34
	Oct.	♂	31
<i>Nemosia p. pileata</i>	Oct.	♂, ♀	15, 15
	Jan.	♀	16
	Feb.	♂	15
	Apr.	♀	12
	May	2 ♂♂	15, 16
<i>Lamprospiza melanoleuca</i>	Apr.	♂, ♀	32, 34
<i>Schistochlamys m. melanopis</i>	Jan.	♂	34
	Aug.	♂	38
<b>FINCHES. FRINGILLIDAE</b>			
<i>Saltator m. maximus</i>	Nov.	♀	55
<i>Saltator coerulescens olivascens</i>	Feb.	♂	48
	Mch.	♂	47
	May	♂	50
<i>Cyanocompsa cyanoides rothschildii</i>	Feb.	♂	24
<i>Sporophila a. americana</i>	Mch.	♂	11
	Jne.	♂	11
	Feb.	♂	12
<i>Arremon t. taciturnus</i>	Oct.	♂	22
	Nov.	♂	23
	Dec.	♂	28
<i>Myospiza h. humeralis</i>	Oct.	2 ♂♂	14, 17.5
	♀		15

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- 14 WATERKANT, PARAMARIBO, SURINAM, DUTCH GUIANA