accot
rough
made

Edgar A. Mearns
Kissimmee, Florida
January 17, 1901.

Mollusks, p. 249. Index.

Mammals, p. 100

Birds p. 1, ⁴⁹50, 260, 290.

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Batrachians

Fishes 212.

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Specimens in formalin, p. 200.

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List of periodicals needed for the com-
-pletion of files, p. 132.

Kissimmee, Orange Co., Florida. 1
January 18, 1901.

11990 *Falco sparverius* ♀ ad. 254; 576; 192 122 Culmen and
cere, 15.2; culmen, 12.3; tarsus, 37; mte., 29 mm. Iris:
dark brown. Cere yellow; bill greenish gray at base shading
to blue-black at tip of both mandibles. Legs yellow.
Claws blue-black. Stomach filled with insects, etc.

11991 *Accipiter velox*, ♂ ad. 290; 550 177 146 Culmen and
eye, 16; culmen, 10.5; tarsus, 49; middle toe + claw 35.
Stomach contained *Parasitich. sp.* legs and all # of

11992 *Circus hudsonius* ♀ immature. 530 1230 387 280 Cul +
Cere 30; cul., 19; Tars., 86; mte., 55 Iris hazel.
Stomach contained a small amount
Cere yellowish green. Bill bluish gray at base,
bluish black at tip. Feet, napes yellow. Claws blue.

11993 *Ardea tricolor ruficollis* ♂
Iris cherry red. Bare skin in front of eye, eyelid and
base of mandible, chrome yellow. Bare skin below and
behind eye, apple green. Mandible and edge of maxilla
at base, napes yellow. Base of maxilla, olive; terminus
half of maxilla and edges of mandible near tip, black.
Legs and feet, olive-yellow, with dusky centres to
scutellae on anterior surface of tarsi and tops of toes.
Distance from tip of bill to end of outstretched
limbs, 920; length, 680; 996; 243 96 Culmen
105; head of tibia to end of claws, 325; Tars 101;
mte., 80

11994 *Ardea caerulea* ♂ immature. 580; length to
end of claws, 765; ^{expanse 880} wing, 270; tail, 107; culmen,
78; tarsus, 100; mte. 72. Bill and
head of tibia to end of claws 315; feet like adult.
White plumage.

Kissimmee, Orange Co., Florida

11995	<i>Lanius ludovicianus</i>	♂ ad	ate bugs
11996	"	♂ ad.	" "
11997	"	♀ ad.	" "
11998	<i>Mimus polyglottos</i> .	♀ ad.	
11999	"	♀ ad.	
12000	<i>Sturnella magna argutula</i> Bangs.	♂ ad.	
12001	<i>Artamus persicus</i>	♂ ad.	
12002	<i>Dendroica palmarum</i> .	♂ ad.	
12003	"	♂ ad.	
12004	<i>Melospiza georgiana</i> .	♀ ad.	
12005	<i>Ammodramus s. savanna</i> .	♀ ad.	
12006	"	♀ ad.	
12007	<i>Sayornis phoebe</i> .	♂ ad.	
Kissimmee, Florida.			
12008	<i>Cardinalis cardinalis floridanus</i> .	♂ ad.	
12009	"	♀ ad.	
12010	"	♀ ad.	
12011	<i>Dendroica dominica</i> .	♂ ad.	
12012	<i>Dendroica coronata</i> .	♂ ad.	
12013	"	♀ ad.	
12014	<i>Geothlypis trichas ignota</i> .	♂ ad.	
12015	<i>Falco sparverius</i> .	♂ ad.	Bill greenish horn color Iris reddish hazel at base light olive; max Bill dark brown
12016	<i>Sturnella magna argutula</i> .	♂ ad.	
12017	<i>Gallinago delicata</i> .	♂ ad.	
12018	<i>Agelaius phoeniceus floridanus</i> .	♀ ad.	
12019	<i>Ardea herodias</i> .	♀ ad.	Length to end of claws, 765
Head of tibia to end of claws, 370; also			

January 18, 1901.

Am. from telegraph-wire.	Length	Exp.	Wing	Tail	Cul	Tars	Inte.
	240	323	100	113	17	28	23.5
do	230	311	96	103	17	28	23.5
	228	313	98	108	16.4	26	21.5
	247	337	107	119	17	32	28.
	246	333	106	121	17	33	26.5
Pine woods on edge of prairie	247	365	112	80	34	42	38
	179	249	89	76	12	24	20
	137	210	67	58	10	20	17
	136	202	65	57	11	20	17
	140	194	60	54	11	21	20
	150	233	73	61	11.2	20.5	20
	147	235	71	58	11.	21.	claws fore
	182	288	89	79	14	19	15.7

January 19, 1901.

at base, plumbeous at tip. Tarsus, blue-black.
Legs, feet, face smoky tawny, orange-yellow.
middle with black subterminal area. Iris drab. Feet black, plumbeous; claws dusky.
above, pale plumbeous below; ridge of culmen

211	287	92	101	18	25	22.5
210	282	88	103	18.2	25.5	23
207	280	88	95	18	25	23
141	220	72	56	13.3	18.5	16.2
134	213	70	57.5	9.2	17.5	16.1
139	222	72	58.5	9.5	18.	15.5
135	277	57	60	12	21.5	18.
252	550	180	119	14.6	36	29
250	373	106	82	34	42	41
275	427	130	65	64	33	36.5
197	316	101	83	19.5	26	24.5
580	880	270	109	74	95	75

Kissimmee, Osceola County,

12020	<i>Agelaius phoeniceus</i>	♂ ad.	705	1010	282
January 21, 1901.					
12021	<i>Melanerpes carolinus</i>	♀ ad.	249	432	134
12022	<i>Cardinalis cardinalis floridanus</i>	♂ ad.	217	290	92
12023	"	♂ ad.	215	290	92
12024	"	♂ ad.	226	305	94
12025	<i>Columbigallina passerina terrestris</i>	♀ ad.	178	287	91
12026	<i>Galeoscoptes carolinensis</i>	♂ ad.	225	292	90
12027	<i>Dendroica dominica</i>	♂ ad.	141	220	71
12028	<i>Geothlypis trichas ignota</i>	♂ ad.	130	175	54
12029	<i>Troglodytes aedon</i>	♂ ad.	129	167	51
12030	<i>Quiscalus major</i>	♂ im.	406	555	173
12031	<i>Minotilta varia</i>	♀ ad.	136	208	70

January 22, 1901.

12032	<i>Quiscalus major</i>	♂ ad.	420	595	185
12033	"	♂ ad.	425	595	187
12034	<i>Ardea tricolor ruficollis</i>	♀ im.	632	945	263
12035	<i>Sturnella magna argutula</i>	♂ ad.	230	347	105
12036	"	♀ ad.	230	343	102
12037	<i>Tringa minutilla</i>	♀ ad.	151	284	88

January 23, 1901.

12038	<i>Agelaius phoeniceus floridanus</i>	♂ juv.	221	360	114
12039	<i>Melospiza georgiana</i>	♂ ad.	151	207	63
12040	<i>Cardinalis cardinalis</i>	♀ ad.	219	289	88
12041	<i>Anthus pensilvanicus</i>	♀ ad.	160	255	81
12042	"	♂ ad.	170	272	86

Florida January 19, 1901 — Concluded.

102	101	105	85	l. to end cl., 925; head of tibia to end claw, 325
97	26.5	21	25	
101	21	26	24	
103	19	26	24	
111	19	26	24	
64	12.7	17.5	18	
102	16.5	28	26	
56	14	19	16.5	
53	13.5	20	17	
45	13	17.5	16	
166	43	53	49	
54	14	16.5	18	
185	45	55	52	
194	42	53	49	
90	92	90	75	l. to end claw, 825; head of tibia to end of claw, 290.
73	30	38	36	
74	29	38	34.5	
46	18.5	18.5	19.2	
88	24	30	28	Caught in "cyclone" trap.
62	12	22	20	do
102	18.6	25	22.5	
64	14	23	18	
70	13	22.5	19	

Kissimmee, Osceola County,

January 24, 1901.

	Sex	Length	Alar expanse	Wing
12043 <i>Dryobates villosus audubonii</i> .	♂ ad.	120	382	117
12044 <i>Colaptes auratus</i> .	♂ ad.	310	505	157
12045 " "	♀ ad.	315	490	150
12046 <i>Ammodramus s. savanna</i> .	♀ ad.	142	232	72
12047 <i>Colinus virginianus floridanus</i> .	♂ ad.	248	378	112
12048 <i>Cardinalis cardinalis floridanus</i> .	♀ ad.	220	299	95
12049 <i>Merula polyglottos</i> .	♀ ad.	270	338	105
12050 <i>Hylocichla a. pallasi</i> .	♂ ad.	192	310	100

January 25, 1901.

12051. <i>Ardea sacerulea</i> .	♂ ad.	600	1025	287
12052. <i>Quiscalus major</i> .	♂ im.	395	565	179
12053. <i>Falco sparverius</i> .	♀ ad.	251	570	184
12054. <i>Melospiza georgiana</i> .	♂ ad.	150	210	65
12055 " "	-ad.			

January 26, 1901.

12056. <i>Colaptes auratus</i> .	♂ ad.	306	475	149
12057 " "	♀ ad.	304	480	150
12058 <i>Melanerpes carolinus</i> .	♀ ad.	235	400	127
12059 <i>Thyrappicus varius</i> .	♂ ad.	217	390	127
12060 <i>Dryobates borealis</i> .	♂ ad.	215	380	119
12061 " <i>villosus audubonii</i> .	♀ ad.	220	365	113
12062 <i>Melospiza georgiana</i> .	♀ (ad.)	144	292	60
12063 " "	♀ ad.	151	202	62
12064 " "	♂ ad.	152	206	64
12065 <i>Sitta pusilla caniceps</i> .	♀ ad.	112	204	64
12066 " "	♂ ad.	114	207	66
12067 " "	♀ ad.	111	203	66

Florida

Tail	Culmen	Tarsus	middle toe with claw.	Remarks.
77	28	21; 21.		
118	35	28; 30.		
118	34.5	29; 30.		
57	12.6	23; 20.5.		
70	14	34; 35.		
106	18	25; 24.		
104	17.3	33; 27.		
76	15	30; 24.		
112	81	103; 78; h. to end claws, 800; head of tibia to end claws, 313		
164	41	52; 49.5.		
120	14.2	12.2; 38; 29.		
63	12	22; 21.2.		Taken in "cyclone" in patch of broom-sage.
				Preserved in formalin. do Metal tag, 4565.
111	34	29; 31.		Feet and claws plumbeous.
113	33	28; 31.		Iris hazel. Bill plumbeous black.
88	25.5	20; 25.		Iris cherry red. Bill plumbeous black; feet plumbeous; claws plumbeous.
87	22.5	18; 22.		Iris very dark brown. Bill plumbeous olive; feet plumbeous; claws plumbeous.
89	24	21.5; 23.		Iris dark hazel. Bill plumbeous black. Feet + claws plumbeous; the latter, dusky at tip.
79	27.5	18.5; 19.5.		Iris dark hazel. Bill plumbeous; feet, neutral tint; claws plumbeous.
58	11.4	21.5; 20.		
64	11	22.2; 21		Feet and claws, brownish flesh-color.
62	11.2	22; 21		Iris hazel; Bill with max. brown edged with yellow, mand. visible yellow at base, plumbeous horn-color at extremity.
35	16	15; 16.		Iris dark brown. Bill blue black, bluish
35	15.5	15; 16.		flesh color on basal half of mandible.
37	14.3	15; 15		Feet and claws, brownish plumbeous.

Kissimmee, Osceola County,

(January 26, 1901 — Concluded.)

12068	<i>Sturnella magna argutula</i> Bangs.	♂ ad.	253	400	120
12069	" " " "	♀ ad.	235	350	103
12070	<i>Buteo borealis</i> fl.	juv.	570	1280	280
12071	<i>Cyanocitta cristata florincola</i> .	♂ ad.	285	397	125
12072	<i>Agelaius phoeniceus floridanus</i> .	♀ ad.	190	298	92
12073	" " "	♀ ad.	190	303	94
12074	<i>Sitta carolinensis atkinsi</i> .	♂ ad.	149	275	90
12075	<i>Dendroica virens</i> .	♂ ad.	141	231	73
12076	" " "	♂ ad.	144	227	71

728	34.5; 43.5; 40
68.	32; 40; 37.
250	38 90, 67.
128	27; 33; 27.
78	20; 26; 25.
78	20.5; 26; 24.
53	19; 18; 21.
58	12.7 19.5; 17.5.
59	13; 19; 17.

120 January 27, 1901.

12077	<i>Melospiza georgiana</i> .	♂ ad.	156	204	63
12078	" " "	♂ ad.	155	200	62

55	12.2; 23; 21.	Taken in "cyclone" in brown-sage patch
64	12; 23; 21.	do

120 January 28, 1901.

12079	<i>Poliophtila caerulea</i> .	♀ ad.	123	173	53
12080	<i>Troglodytes aedon</i> .	♂ ad.	128	170	52
12081	<i>Melospiza georgiana</i> .	♂ ad.	148	205	63
12082	<i>Sphyrapicus varius</i> .	♀ ad.	214	382	124
12083	<i>Cyanocitta cristata florincola</i> .	♂ ad.	292	412	130
12084	<i>Lanius ludovicianus</i> .	♂ ad.	232	321	98
12085	<i>Syrnium nebulosum alleni</i> .	♂ ad.	540	1205	360
12086	<i>Botaurus lentiginosus</i> .	♀ ad.	630	995	265

54	10 18; 12.5.
50	13.3 18; 16.5
62	11.3 22; 21.
87	23 19; 21
136	24; 32; 29
16	17.5 27.5; 23
250	35 27; 68; 60.

87 73 80; 100; head tip. to end claws, 310; L. to end claws, 865.

120 January 30, 1901.

12087	<i>Geophloropus pileatus</i> .	♂ ad.	445	712	228
12088	" " "	♀ ad.	444	715	229
12089	" " "	♀ ad.	430	702	221
12090	<i>Syrnium nebulosum alleni</i> .	♂ ad.	290	415	130
12091	<i>Merula migratoria</i> .	♀ ad.	260	408	133

163	49 37; 41.5. Iris yellow	} Bill plumbeous, bluish horn-color at base of mandible. Feet and claws dark plumbeous.
171	44 36; 41.5. Iris cherry red.	
163	45; 35; 40. Iris reddish hazel.	
138	25; 33; 27. [These are the measurements of No. 12092.]	
103	18.5; 31.5; 27.5.	

Kissimmee, Osceola County,

(January 30, 1901 — Concluded.)

12092. *Cyanocitta cristata florincola* ♂ ad 535 121 360.

January 31, 1901.

12093 *Geophagus pileatus*. ♀ ad 430 700 22512094 *Melanerpes carolinus*. ♂ ad 246 424 13012095 *Dryobates borealis*. ♂ ad 148 385 12212096 *Cathartes aura*. Caught in steel trap. ♂ ad 730 545 318

February 1, 1901.

12097 *Dryobates pubescens*. ♂ ad 163 295 90

February 2, 1901.

12098 *Syrnium nebulosum allenii*. ♂ ad 495 1170 35012099 *Geothlypis trichas ignota*. ♂ ad 137 177 5612100 *Ammodramus s. passerina*. ♀ ad 137 210 6312101 *Melospiza georgiana*. ♀ ad 144 190 59

12102 " " ♂ ad 158 217 67

12103 *Sialia sialis grata*. ♂ ad 175 315 10412104 *Cyanocitta cristata florincola*. ♂ ad 285 415 13612105 *Cuscalus major*. ♀ ad 322 450 14412106 *Colinus virginianus floridanus*. ♀ ad 236 375 11212107 *Melanerpes carolinus*. ♂ ad 248 425 131

12108 " " ♀ ad 239 407 127

12109 *Colaptes auratus*. ♂ ad 300 482 150

12110 " " ♀ ad 246 460 140

12111 *Dryobates borealis*. ♂ ad 214 368 115

12112 " " ♂ ad 224 379 121

12113 *Poocaetes gramineus*. ♀ ad 161 266 8312114 *Tantulus loculator*. -ad. Greater

Tahoe Lake, Kissimmee, Fla. Febr. 2, 1901.

Florida.

238 ³⁵/₂₆ } 61; 58. [These are the measurements of No. 1290.]

165 41 35; 40. Iris hazel.

92 28; 20.5; 26. Compare with Ohio & Ky. series.

90 20.5; 21.5; 21.

⁵⁴/₂₅ 66; 88; also response, 1810. Stomach contained carrion.

61 17; 17; 17. Shot in small cypress lake.

220 ⁵⁷/₂₆ 65; 58.

55 12.7; 19; 17.

51 12; 21; 19.

61 11 21; 19.5.

65 13 23; 20.5. Longest tail-feathers gone.

67 13; 20; 22.

135 27 34; 27.

127 34 42.5; 40.5.

67 13 29; 33.

90 28 22; 28.

87 27.5; 20; 25.

114 35; 29; 29.

104 33; 27; 28.

87 20 21.5; 19.5.

92 20; 22; 20.

68 12; 21; 20.

Part of skeleton found beside Lake

February 10, 1901. Camp beside Old River, near canal between Lakes Tohopekaliga and Cypress, Osceola Co., Florida.

No.	Name of species	Length	Wing	Tail
12115	<i>Corvus ossifragus</i> } mated	♂ ad. 437	873	296
12116	" " }	♀ ad. 427	865	288
12117	<i>Pipilo alleni</i>	♂ ad. 213	261	80
12118	" "	♂ ad. 205	255	80
12119	<i>Agelaius phoeniceus floridanus</i>	♀ ad. 191	300	94
12120	" "	♂ ad. 222	355	112
12121	" "	♂ ad. 225	346	110
12122	" "	♂ ad. 231	360	114
12123	" "	♂ ad. 224	354	113
12124	<i>Buteo lineatus alleni</i> } mated	♂ ad. 460	1020	310
12125	" " }	♀ ad. 490	1095	333

Lake Cypress, Fla. Febr. 10, 1901

12126	<i>Corvus ossifragus</i>	♀ ad. 425	850	283
12127	<i>Fulica americana</i>	♀ ad. 370	650	187

Febr. 11, 1901. Oak Beach, Lake Hatch-me-

12128	<i>Dryobates pubescens</i>	♂ ad. 162	280	87
12129	<i>Ardea herodias</i>	-im. 550	930	255
12130	<i>Quiscalus major</i>	♂ ad. 445	602	195

Febr. 12, 1901. Oak Beach, Lake Hatch-me-

12131	<i>Quiscalus major</i>	♂ ad. 435	595	190
12132	<i>Gallinula galeata</i>	♂ ad. 382	600	180
12133	" "	♀ ad. 352	556	170
12134	<i>Gallinula delicata</i>	♀ ad. 274	440	134
12135	<i>Cyanocitta cristata florincola</i>	♀ ad. 270	400	126
12136	" "	♂ ad. 283	413	130
12137	<i>Melanerpes carolinus</i>	♂ ad. 246	430	133
12138	" "	♂ ad. 247	420	130
12139	<i>Dryolates borealis</i>	♂ ad. 218	375	121

Osceola County, Florida.

Culmen Tarsus Middle toe with claw. Remarks.

183	39	49	51.	
180	37	46	51.	
98	15	28	27.	Iris primary white
93	15	27	25.	do
78	19.2	26	25.	
91	22.5	28	28.	
87	24	28	27.5.	
94	22	29.5	28.5.	
92	22.5	30	28.5.	
200	³³ 23	82	51.	
213	³⁴ 23	85	52.	
175	38	46	51.	
63	⁴² 38	52	82.	
60	17	16	16.	
102	72	87	74	End claws, 730; head tibia to end claws, 280.
200	43	51	52.	
196	41	50	50.	
82	40.5	65	90	head of tibia to end claws, 240. L. end claws, 520.
76	38.5	53	75	" " 475.
60	67	34	38.5.	
123	25	32	28.	
128	27	33	29.	
91	30	22	27.	
94	28.3	22	26.5.	
91	22	20	20.	

(Febr. 12, 1901 — Concluded.)
Oak Beach, Lake Hatch-ne-haw, Fla.

12140 <i>Speotyto floridana</i> .	♂ ad 238 620 176
12141 " "	♀ ad 241 645 181
12142 <i>Circus hudsonius</i> .	♂ ad 455 1080 350
12143 <i>Dryobates villosus audubonii</i> .	♀ ad 213 365 113
12144 <i>Luscinna major</i> .	♀ ad 335 465 148
12145 <i>Sturnella magna argutula Bangs</i> .	♂ ad 255 392 118
February 14, 1901. Oak Sand-beach, Lake Hatch	
12146 <i>Corvus americanus floridanus</i> .	♂ ad 515 980 338
Shell Hammock, Lake Hatch-ne-haw.	
12147 <i>Buteo lineatus alleni</i> .	♂ ad 470 1025 330
12148 <i>Cyanocitta cristata florincola</i> .	♂ ad 298 412 125
12149 <i>Geophylus pileatus</i> .	♀ ad 415 670 212
12150 <i>Pipilo alleni</i> .	♂ ad 207 260 80
Catfish Creek, Lake Hatch-ne-haw, Polk	
12151 <i>Ardea herodias wardi</i> .	♂ ad ¹³³⁵ 2090 550
12152 <i>Nycteorax violaceus</i> .	♂ ad 620 1170 325
12153 " "	♂ ad 610 1130 317
12154 <i>Syrnium nebulosum alleni</i> .	♀ ad 520 1160 370
February 15, 1901. Camp on Catfish Creek,	
12155 <i>Meleagris gallopavo osceola</i> .	♂ im Weight 10 lbs.
12156 " "	♀ ad 950 1300 410
12157 <i>Corvus americanus floridanus</i> .	♀ ad 485 940 315
February 16, 1901. Camp on Catfish Creek,	
12158 <i>Harporyhnchus rufus</i> .	♂ ad Preserved
12159 <i>Geophylus pileatus</i> .	♂ ad 442 720 132
12160 " "	♂ ad 445 712 230
12161 " "	♀ ad 420 687 220
12162 <i>Antrostomus vociferans</i> .	♀ ad 255 485 162

Osceola County.

86 ¹⁹ 15.5 59; 30.5	} Iris yellow. Bill greenish horn-color. Feet greenish olive. Claws black. Gums filled with small papules. Stomach contained a Savanna Sparrow.
87 { 20 15.5 52; 32.	
325 { 16 27 75; 46.	
75 28 19; 21.5.	
144 35 44; 42.	
82 37 44; 39.	
ne-haw, Osceola County, Florida.	
212 51 67; 52.5.	

208 { 32 77; 56.

Weight 1 1/4 lbs.

129 25; 34.5; 29.

158 43; 35; 34.

96 16; 27; 25.

Count, Florida.

120 170 225; 158; L. to end claws, 1805; head tibia to end claws, 680

135 67 102; 74. L. to end claws, 800; head tibia 330 Weight 1 1/2 lbs.

128 71 100; 72 Iris red. Bill all yellow. Feet greenish yellow.

245 30 57; 62 Claws bluish horn-colored base, blue-black at tip. Weight 1 1/6 lbs.

Polk County, Florida.

Head, legs & crop preserved in formalin. Had a short beard. Plumes saved.

325 29; 140; 90 Iris hazel. Bill blue, purple & pink. No spurs & no beard. Weight 7 1/2 lbs.

195 48 64; 53. Taken in steel trap.

Polk Co., Fla.

in formalin, Metal tag No. 19.

172 44.5; 35; 40.

170 46; 35; 39.

160 42; 32; 38.

125 7 16; 25.

Weight 1 lb.

(February 16 - Concluded.)
(Camp on Catfish Creek.)

12163 *Meleagris gallopavo osceola*. ♂ ad. 950 1320 410

February 17, 1901. Camp on Catfish Creek,

12164 *Trus mexicana*. ♂ ad. 1060 1920 500

12165 *Dendroica dominica*. ♂ ad. 137 210 166

12166 *Meleagris gallopavo osceola*. ♂ ad. 1150 1620 485

12167 *Ardea egretta*. ♂ ad. 1060 1575 425

12168 *Aix sponsa*. ♂ ad. 468 740 230

February 18, 1901. Camp on Catfish Creek,

12169 *Meleagris gallopavo osceola*. ♂ ad. 1180 1680 510

12170 *Nycticorax violaceus*. ♂ ad. 600 1000 300

12171 " " ♂ ad. 610 1112 310

February 19, 1901. Camp on Catfish Creek,

12172 *Corvus americanus floridanus*. ♂ ad. 495 950 306

12173 " " ♂ ad. 482 925 305

12174 *Nycticorax violaceus*. ♂ ad. 510 1102 313

12175 " " ♂ ad. 538 — 282

12176 *Meleagris gallopavo osceola*. ♂ ad. 1130 1650 485

February 20, 1901. Camp on Sawgrass Island,

12177 *Corvus americanus floridanus*. ♂ ad. 474 935 309

12178 " " ♂ ad. 477 930 310

12179 *Dendroica virens*. ♂ ad. 139 216 71

12180 *Regulus calendula*. ♂ ad. 114 184 60

February 21, 1901. Camp on Catfish Creek,

12181 *Stix falconellus Guara alba* (Linn). ♀ juv.

12182 *Dafila acuta*. ♂ ad. 685 895 260

12183 " " ♂ ad. 565 885 250

12184 *Tachycineta bicolor*. ♂ ad. 156 325 121

12185 *Ammodramus s. savanna*. ♀ ad. 138 218 63

12186 " " ♀ ad. 143 225 68

350 30 130; 80.

Weight 9 lbs.

Polk County, Florida.

185 125 235; 100; L. end claws, 1460; head tibia to end claws, 605
55 13 17; 16.

385 33 155; 102. Spr. 22. Beak, 220. Wattle, 70. Weight, 16 lbs.
(Fresh) Longest plumes, 530. Weight, 3 lbs.

187 123 170 128; L. end claws, 1360; head tibia to end claws, 530.
120 33 37; 51.

Weight 1 lb.

Polk County, Florida.

425 35 160; 110 Spr. 31; beak, 265; wattle, 80 Weight 18 lbs.
117 70 105; 74; L. to end claws, 800; head tibia to end claws, 320

123 72 100; 77 " 795; " 305

Polk County, Florida.

183 53 65; 58.

191 48 62; 53.

130 67 95; 77; L. to end claws, 770; head tibia to end claws, 312
122 66 93; 68. " 695; " 285

410 32 163; 106. Spr. 23; beak, 210; wattle, 55 Weight 15½ lbs.

Catfish Creek, Polk Co., Fla.

192 47 61; 49.

198 46 62; 51.

58 11.2; 18.5; 17. Shot in an oak hammock!

47 8 18.5; 14.2.

Sawgrass Island, Polk Co., Fla.

205 50 45; 59.

133 54 43; 60.

65 7 13; 17

50 10.8 21; 20.

53 11.2 20.5; 20.

February 22, 1901.

Camp on Catfish Creek, Sawgrass

12187	<i>Buteo lineatus alleni</i> .	♀ ad.	495	1100	337
12188	<i>Geophylorus pileatus</i> .	♀ ad.	432	692	221
12189	<i>Melanerpes carolinus</i> .	♂ ad.	255	415	132
12190	<i>Geothlypis trichas</i> .	♂ ad.	293	340	108
12191	<i>Colinus virginianus</i> <i>toridamus</i> .	♂ ad.	241	370	112
12192	" " "	♂ ad.	240	373	113
12193	" " "	♂ ad.	245	372	114
12194	" " "	♂ ad.	236	358	109
12195	" " "	♀ ad.	250	375	114
12196	" " "	♀ ad.	238	363	110
12197	" " "	♀ ad.	245	380	113
12198	" " "	♀ ad.	246	367	110
12199	<i>Botaurus lentiginosus</i> .	♂ ad.	700	1115	298
12200	<i>Nycticorax n. naevius</i> .	♂ im.			
12201	<i>Nycticorax violaceus</i> .	♂ ad.	590	1125	313

February 23, 1901. Camp on Catfish Creek,

12202	<i>Antrostomus vociferus</i> .	♂ ad.	248	467	160
12203	<i>Nycticorax violaceus</i> .	♂ ad.	600	1100	300
12204	" " "	♂ juv.			

February 24, 1901. Camp on Catfish Creek,

12205	<i>Catharista atrata</i> .	♀ ad.	685	1575	437
12206	" " "	♀ ad.	640	1510	427
12207	<i>Lanius bicolor</i> .	♂ ad.	149	323	119
12208	<i>Nycticorax violaceus</i> .	♂ ad.	575	1317	120

February 25, 1901. Camp on Catfish Creek,

12209	<i>Meleagris gallopavo ocellata</i> .	♀ ad.			
12210	<i>Ardea herodias</i> .	♂ ad.	595	995	275
12211	<i>Ardea tricolor ruficollis</i> .	♂ ad.	705	1020	275

Sawgrass Island, Polk County, Florida

216 { ²³ 34 80; 53.

168 45 32; 40.

91 28 22; 29.

141 28 32; 31.

64 13 34; 35.

66 13.5; 32.5; 34.5.

69 14.7; 33.5; 34.

68 14 33; 34.5.

65 14 34; 34.5.

65 13.8 33.5; 34.

67 13.8 34; 36.

75 14 33; 33.

120 77; 92; 106 L. to end claws, 940; head tibia to end claws, 335

Changing to adult plumage. Iris red.

120 68 100; 74. " " 770; " " 310.

Sawgrass Island, Polk Co., Fla.

122 7.5 16; 22.

113 71 104; 72. L. to end of claws, 795; head of tibia to end of claws, 305

Sawgrass Island, Polk Co., Fla.

212 ³⁵ 84; 99.206 ³⁶ 87; 99.

61 6.5 12.2; 16.

1110 66 93; 73; L. to end claws, 760; head tibia to end claws, 295

Sawgrass Island, Polk Co., Fla.

Feet only, preserved.

Weight 9 lbs.

108 77 100; 79. L. to end claws, 800; head tibia to end claws, 315

95 98 104; 86. " 935; " 325

February 25, 1901 - Concluded.
Camp on Catfish Creek, Sawgrass Island,

12212	<i>Tachycineta bicolor.</i>	♂ ad.	150 228 123
12213	" "	♂ ad.	154 227 121
12214	" "	♂ ad.	159 236 125
12215	" "	♂ ad.	160 237 125
12216	" "	♂ ad.	156 228 123
12217	" "	♂ ad.	154 221 119
12218	" "	♂ ad.	154 217 118
12219	<i>Polyborus tharus cheriway.</i>	♀ ad.	610 1370 405
February 26, 1901. Camp on Catfish Creek.			
12220	<i>Geophloeus pileatus.</i>	♂ ad.	457 730 240
February 27, 1901. Camp at Shell Hammock - Fort Gardner, near.			
12221	<i>Gallinula galeata.</i>	♀ ad.	365 565 175
12226	<i>Aythya affinis?</i>	♀	437 750 207
February 28, 1901. Camp at Shell Hammock - Fort Gardner, near.			
12222	<i>Columbigallina passerina terrestris.</i>	♀ ad.	179 280 91
12223	<i>Zenaidura macroura floridana aglaena.</i>	♂ ad.	320 435 139
12224	<i>Cyanocitta cristata floridicola.</i>	♀ ad.	272 396 125
12225	<i>Ardea herodias.</i>	♂ ad.	485 693 195
March 1, 1901. Camp at Shell Hammock - Fort Gardner, near.			
12227	<i>Pipilo alleni.</i>	♂ ad.	200 253 78
March 2, 1901. Camp at Shell Hammock - Fort Gardner, near.			
12228	<i>Megascops asio floridana.</i>	♂ ad.	200 512 148
March 3, 1901. Camp at Shell Hammock - Fort Gardner, near.			
12229	<i>Gallinula Pipilo alleni.</i>	♀ ad.	208 258 77
12230	<i>Gallinula galeata.</i>	♂ ad.	375 590 189
12231	<i>Pipilo alleni.</i>	♂ ad.	209 263 79
12232	<i>Megascops asio floridana.</i>	♀ ad.	207 530 153
12233	<i>Vireo noveboracensis.</i>	♂ ad.	137 205 62

Polk Co., Fla.

61	7	12; 13.	Eight males killed at one shot Feeding on wax myrtle berries, and "blind" mosquitoes towards evening. Mouths & stomachs filled with myr- tle berries. In quite poor flesh, but excellent plumage.
63	7.	12; 15-	
64	7.2	12.3; 15.5-	
64	7.2	12.3; 15.5-	
64	7	12.2; 15.5-	
63	7.8	12; 15.	Crop contained fresh meat.
62	7.	12; 15-	
247	⁴⁸ 33	98; 76	Weight 3½ lbs.
<u>Sawgrass Island, Polk Co., Fla.</u>			
177	45	37; 41.	Weight 1 lb.
<u>Mock, Kissimmee River, Florida.</u>			
81	39	57; 80	Bill blue, nail black. Feet plumbeous; webs & claws dusky.
73	42	38; 64	
<u>Mock, Kissimmee River, Florida.</u>			
69	13	17; 19.	Toes and claws, 600, head tibia to end of claws, 195
139	32.5;	36; 35.	
125	25;	37; 27.	
75	61	52; 56.	<u>Kissimmee R., Florida.</u>
92	14	26.5; 26.	Red phase.
<u>Kissimmee River, Florida.</u>			
73	^{19.5} 14	35; 26.	<u>Kissimmee River, Florida.</u>
94	14	29; 26.	Iris pale yellow.
88	42	59; 89.	
95	15.5;	28; 26.	
75	¹⁹ 14	32; 26	
55	12	19.5; 14.	

March 4, 1901.

Camp near Shell Hammock, Kissimmee

12234	<i>Geophlorus pileatus</i> .	♂ ad.	442	710	
12235	<i>Aix sponsa</i> .	♂ ad.	463	740	222
12236	<i>Agelaius</i>	♂	445	740	200
12237	<i>Melanerpes carolinus</i> .	♀ ad.	238	408	125
12238	<i>Spizella socialis</i> .	♂ ad.	217	396	129
12239	<i>Dryobates pubescens pubescens</i>	♀ ad.	164	292	89
12240	<i>Dendroica coronata</i> .	♂ ad.			

March 5, 1901. Shell Hammock

12241	<i>Plotus auratus</i> .	♀ ad.	950	210	330
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March 6, 1901. Shell Hammock

12242	<i>Columbigallina passerina terrestris</i> .	♂ ad.	175	280	90
12243	"	♂ ad.	180	288	91
12244	<i>Dryobates villosus audubonii</i> .	♂ ad.	233	387	119
12245	<i>Melanerpes carolinus</i> .	♀ ad.	234	410	130
12246	<i>Tyrornis phoebe</i> .	♀ ad.	176	270	83
12247	<i>Parus bicolor floridanus</i> .	♂ ad.	166	255	80
12248	<i>Dendroica dominica</i> .	♂ ad.	143	216	68
12249	"	♂ ad.	135	211	68
12250	<i>Corvus ossifragus</i> .	♂ ad.	447	885	295
12251	"	♀ ad.	407	810	270

March 7, 1901. Shell Hammock

12252	<i>Melanerpes carolinus</i> .	♀ ad.	240	417	130
12253	<i>Colaptes auratus</i> .	♀ ad.	295	470	147
12254	<i>Sturnella magna argutula</i> .	♀ ad.	227	350	104

March 9, 1901. Fort Gardner, 1 m. S. of Shell

12255	<i>Vireo solitarius</i> .	♀ ad.	146	247	79
12256	<i>Cyanocitta cristata florincola</i> .	♂ ad.	290	402	125
12257	<i>Colaptes auratus</i> .	♂ ad.	313	490	153

River, Florida

230 177 47; 35; 41.

123 31 37; 51.

70 {42 40; 65.

89 26 21; 25.5.

83 27 22; 23.5.

59 17 16.5; 16.

Not measured.

Kissimmee River, Florida.

305 79 47; 75. Stomach contained vegetation. Weight 3 lbs.

Kissimmee River, Florida.

65 12 17; 18.5.

64 12 17; 19.

84 29 23; 24.

90 26 20.5; 24.

75 14 18; 16.

76 12.6 21.5; 20.

56 14.5; 18; 16.2.

52 14 16.5; 16.

178 40 50; 51.

173 35 44; 47.

Kissimmee River, Florida

89 28 21; 27.

105 31.5 28; 30.

71 30 38; 37.

Hammock, on N. bank of Kissimmee River, Fla.

59 12 19; 16.5.

130 26 38; 29.

121 34 29; 31.

Weight $\frac{3}{4}$ lbs." $1\frac{1}{2}$ "

" 2 "

(March 9, 1901 - Concluded.)

Fort Gardner, 1 mile below Shell Hammock, on the

12258	<i>Ardea wardi</i> .	♂ ad	1295	1970	520
12259	" (Head, only.)	♀ ad.	1165	1850	496
12260	<i>Galeoscoptes carolinensis</i> .	♀ ad.	216	286	88

March 10, 1901. Ft. Gardner, etc.

12261	<i>Cathartes aura</i> .	im.	Tail and foot
12262	<i>Aythya</i>	♀ ad.	
12263	<i>Thryothorus ludovicianus miamensis</i> .	♂ ad.	155 209 63
12264	<i>Cathartes aura</i> .	♂ ad.	Head and vert

March 11, 1901. Fort Gardner, etc.

12265	<i>Dryobates villosus audubonii</i> .	♂ ad.	204 389 119
12266	<i>Dendroica coronata</i> .	♀ ad.	
12267	<i>Sonoris martinica</i> .	♂ ad.	330 580 184
12268	<i>Aythya americana giganteus</i> .	♂ ad.	740 1200 340

Bill drab-gray; fulvous color at base 14 up above

March 12, 1901. Ft. Gardner, etc.

12269	<i>Ibis alba</i> ; <i>Guara alba</i> .	♀ ad.	590 1020 275
12270	" " " "	♀ ad.	595 1015 280
12271	" " " "	♂ ad.	654 1060 290
12272	" " " "	♀ ad.	590 1025 280
12273	<i>Geophila plicatus</i> .	♀ ad.	435 695 121
12274	<i>Cardinalis cardinalis floridanus</i> .	♂ ad.	225 300 93
12275	<i>Harporhynchus rufus</i> .	♀ ad.	291 340 105
12276	<i>Thryothorus ludovicianus miamensis</i> .	♂ ad.	155 210 67
12277	<i>Geoprottylis americana</i> .	♂ ad.	121 140 60

March 13, 1901. Ft. Gardner, Fla.

12278	<i>Cardinalis cardinalis floridanus</i> .	♂ ad.	216 292 90
12279	" " " "	♂ ad.	214 284 89
12280	<i>Puffinista atrata</i> .	♂ ad.	670 1515 430

right bank of Kissimmee River, Florida.

660	♂ ad.	1295	1970	520	Head of bill, base and claws
210	153	218	137	1495	Longest head plumes, 220.
190	141	185	123		Bill chrome yellow, olivaceous at base above. Bare space around eye sage green. No yellow. Bare space around eye sage green. Weight 8 lbs.
97	18	28	25		Legs & feet olivaceous brown, straw yellow on under side of " 5" feet and upper half of tibia (external part).

Metal tag No. 58. { I killed it flying preserved dry; head and other foot in formalin with Winchester rifle.

55 19 23; 22. Iris hazel. Feet and claws fleshy brown. Bill plumbeous; horn-color at base of mandible. Feet preserved in formalin. Metal tag No. 59.

81 30 21; 23.

Not measured.

83 32 47 61.75 } Iris cherry red. Terminal 2/5 of bill apple green. Frontal shield yellow with a vermilion patch on each side. Mandible at base of bill. 100. 445 } Bare part of tibia, 92. Tibia 197 " 3 lbs. Legs, feet & claws, plain mouse gray.

112 12284. 72; 710; 270 } Iris very pale blue. Bill pinkish flesh color quite strongly tinged with gray towards tip. Bare skin of face red. Legs and feet flesh color strongly tinged with red. Claws plumbeous. Weight of 4, ? lbs.

175 43 35; 43. Iris pale brownish pink. 107 20 25; 22. 131 27.5 36; 31 Iris yellow. Bill plumbeous brown, flesh color on base of mandible. Feet reddish, fleshy brown. 58 19 22; 21. Iris hazel. Bill with maxilla black; mandible brownish yellow. Feet brownish yellow.

100 17 25; 22.

99 18.5 24; 22.

215 59 87; 97

Weight 5 1/2 lbs

March 13, 1901 — Concluded.
Fort Gardner, Kissimmee River, Florida.

12281 *Corvus ossifragus*. ♂ ad. 237 850 283
12282 " " ♀ ad. 217 830 255

March 14, 1901. Fort Gardner, etc.

12283 *Tachycineta bicolor*. ♂ ad. 160 235 126

March 15, 1901. Lake Kissimmee, Florida.

12284 *Anas fulvigula*. Weight 2½ lbs ♀ ad. 540 830 237

12285 " " " 2½ " ♀ ad. 555 845 237

12286 " " " 3 " ♂ ad. 610 910 262

12287 *Corvus ossifragus*. ♂ ad. 452 865 288

12288 " " ♂ ad. 428 850 278

12289 " " ♂ ad. 437 870 255

12290 " " ♀ ad. 430 825 275

12291 *Ardea virescens* ♀ ad. 466 695 193

March 16, 1901. Lake Kissimmee, Florida.

12292 *Merula migratoria*. ♀ ad. 246 384 114

12293 *Hylocichla ustulata pallasi*. ♀ ad. 179 287 94

12294 *Melanerpes carolinus*. ♂ ad. 251 418 131

12295 " " ♀ ad. 237 405 136

12296 *Dryobates pubescens*. ♀ ad. 168 295 90

12297 *Ardea virescens* ♀ ad. 466 662 187

March 17, 1901. Lake Kissimmee, Florida.

12298 *Corvus a. floridanus*. ♀ ad. 476 930 302

12299 *Ardea herodias*. ♂ ad. 465 760

12300 *Larus major*. ♂ ad. 465 760

12301 " " ♀ ad. 310 433 140

12302 *Corvus a. floridanus*. ♀ ad. 468 890 292

12303 *Agelaius vociferus*. ♂ ad. 253 502 161

Eyelid orange-red. and feet flesh

170 42 47; 50 } A mated pair.
168 36 44; 47.

68 8 11.5; 16.5.

111 50 43; 59 Like the next but bill plain olive (except nail) above

115 53 47; 61 Iris hazel. Bill olive black with dusky and yellowish

130 53 49; 69 Iris hazel. Bill olivaceous-yellow with black on nails

178 43 50; 52. Middle toe with claw longer than

169 41 49; 50. Tarsus (the reverse the case with *Ardea*).

177 40 47; 50

174 35 43; 49

72 58 52; 54; 59; 190.

100 19 32; 27.

73 15.5 30.5; 22.

91 28 21.5; 25.

84 28 20.5; 24.

43 17 16.5; 17.5.

72 61 50; 52; 59; 175.

188 47 60; 50. Iris hazel. Bill, feet & claws, black. Weight 1 pound

95 46 95; 73; 85; 285. (about) half of bill olive black, terminal 1/4 lbs.

127 35 40; 39.

188 46 60; 52; 59; 175.

105 19.3; 37; 28. Iris hazel. Bill brownish black & large

color tinged with olive and plumbeous; claws black.

28 March 18, 1901.

Lake Kissimmee, Florida

12303 *Corvus ossifragus*. ♂ ad. 443 873 293
Two High Lewis, Nos. 12287-12290 and 12303

12304 *Catharista atrata*. ♂ ad. 625 1490 415
bare head, mouse gray, fleshy inferiorly. Feet smoky gray,
but preserved in formalin. Tail kept dry.

12305 *Catharista atrata*. ♂ im. Sexual organs
and more mature than adult. Head preserved

12306 *Anas fulvigula*. Weight 3 lbs. food. ♂ ad. 580 880 254
inter cranial membrane, serrations on edge of bill and
orange-rufous, very slight tinged with dusky on webs
gravel, herbage, 1 eel, 1 crawfish, 1 frog, 1 frog 19

12307 *Polyborus cheriway* ♂ ad. 595 1315 400
Stomach contained mostly a scorpion egg, the foot of a soft-shelled
very pink color. Mandibles and tibiae wax yellow, with areas of chrome

12308 *Bubo virginianus* ♂ ad. 520 1305 350
Iris plumbeous. Stomach
brown black. Edge of eyelids purplish black. Bare outer surface of eyelids & in

12309 *Syrnium nebulosum alleni*. ♂ ad. 495 1150 345

12310 " " " ♀ ad. 500 1775 347

12311 *Columbigallina passerina terrestris*. ♀ ad. 176 287 84
March 19, 1901. Kissimmee Lake, Florida.

12312 *Buteo lineatus alleni*. ♂ ad. 450 1020 318
tibiae, chrome yellow. Bill with both mandibles blue
yellow. Claws blue-black. Stomach contained char-

12313 *Cathartes aura*. ♀ ad. 670 1800 540

12314 *Donornis martinica*. Weight 1/2 pound. ♀ ad. 318 546 173

12315 " " " 1/2 " ♂ ad. 320 572 183

12316 *Aythya* ♂ ad. 408 730 200
iris blue, terminal nail black; mandible plumbeous; with
with claws, webs and joints dusky. Weight, 2 lbs.

29

158 40 47; 50. Iris hazel. Bill and feet all black.

(weighed together 4 pounds.
200 54 80; 95. Iris hazel. Horny portion (tip) of bill greenish olive, tipped
with horn-color on maxilla. Base of bill and
tinged with olive. Claws plumbeous. Weight, 5 lbs. Head and
Metal tag No. 5091.

slightly developed (very small). Head smooth (not wattled)
in formalin. Metal tag No. 5093.

121 50 61 48; 63. Iris hazel. Bill chrome yellow slightly tinged with
olive. "Nails" at tip of maxilla and mandible, also
a few spots on ramus of mandible, black. Legs & feet

Claws, dusky, grayish brown. Alimentary tract contained
pale, three large *Planorbis* shells and numerous seeds (in formalin).
243 44 91; 72. Weight 2 1/2 lbs. Iris isabella color. Cere
white, etc. Claws bluish black.

210 42 61; 70. Weight 3 lbs. Iris canary yellow. Bill plum-
beous. Claws plumbeous black. Bare portion of toes, plumbeous.

230 26 59; 58. Weight 2 lbs. Iris dark brown. Bill greenish
chrome yellow. Cere olive. Claws
grayish brown, pale at base. Toes
fleshy olive above, chrome yellow below.

219 41 61; 62. " 2 1/4 " Iris greenish yellow. Bill with maxilla
67 12 17; 18.

203 32 73; 50. Wt. 1 3/4 lbs. Iris wood brown. Cere, maxilla &
black, shading to plumbeous at base. Feet chrome
yellow & alfish.

300 52 66; 84. Weight, 3 lbs. Both feet preserved dry.
78 46 60; 73. Iris cherry red. Bill scarlet, irregularly tipped
with apple green, with a narrow border of white
on sides. Frontal shield azure blue.

77 45 67; 78. Legs and feet alive yellow; claws pale alive.
68 40 37; 65. Iris greenish yellow. Bill with maxilla
ramal membrane heliotrope purple, dashed with dusky. Feet gray,

(March 19, 1901 — Concluded.)
Lake Kissimmee, Florida.

12317 *Grus mexicana*. Weight 9 lbs. ♂ ad. 1070 1975 550
maroon. Bill slate-gray, olive-gray on middle third
Wednesday, March 20, 1901.

12318 *Aythya* ♂ ad. 430 725 205

12319 " ♂ ad. 420 735 210

12320 *Luscinia major*. ♂ ad.

12321 " " ♂ ad. 330 470 152

12322 " " ♂ ad.

Thursday, March 21, 1901.

12323 *Progne subis* ♂ ad. 204 405 145

12324 *Zonotrichia querula*. ♂ ad. 346 585 187

12325 *Corvus a. floridanus*. ♂ ad. 500 980 323

12326 *Syrnium nebulosum alleni*. ♂ ad. 540 1200 358

12327 *Tryolites villosus auduboni*. ♂ ad.

12328 *Sitta pusilla caniceps*. ♀ ad.

12329 *Cyanocitta cristata floridicola*. ♀ ad.

12330 *Tachycineta bicolor*. ♂ ad. Preserved

Friday, March 22, 1901. Lake Kissimmee,

12331 *Agelaius phoeniceus floridanus*. ♂ ad. 227 377 118

12332 " " ♂ ad. 243 377 119

12333 " " ♂ ad. 242 395 125

12334 " " ♂ ad. 230 380 123

12335 *Buteo lineatus alleni*. ♀ ad. 507 1100 342

12336 *Aythya* ♂ ad. 445 770 210

12337 " ♂ ad. 430 760 206

12338 " ♂ ad. 440 765 207

12339 *Aix sponsa*. } mated pair ♂ ad. 478 760 230

12340 " " } ♀ ad. 470 725 220

Colors over base (p. 32).

190 127 260; 95 ^{to end claws, 1500; head to base of bill, 1500; head to end of mandible, 1500; head to end of mandible, 1500} ^{iris orange-rufous. Bare skin on head, stomach contained sand and gravel. Legs, feet and claws, slate-black.}

75 ⁴³ 52 40; 63. Stomach contained shells and vegetable matter. Weight 1 ³/₄ lbs.

75 ⁴⁰ 48 37; 62. Weight 1 ³/₄ lbs. do Not measured.

44 33 42; 41. Not measured.

80 11 15; 21. Bill & feet, black. Iris hazel.

82 ⁴⁸ 32 66; 78.

196 50 66; 56

250 ³⁹ 26 59; 57. Stomach contained portions of Night Heron. Not measured. No tag no.

" " " " " "

in formalin. Metal tag No. 5168.

94 24 29; 28. Red feathers on knee!

104 24 31; 29.

104 24 30; 29. Destroyed.

95 23.5 29; 28. Contained half of a Channel Cat fish

22 3 ³⁴ 23 83; 53. Stomach contained Planorbis and Weight 2 lbs.

73 ⁴⁰ 50 38; 65. } Stomach contained Planorbis and Weight 2 lbs.

70 ³⁹ 50 37; 66. } Shagreen shells and vegetation. " 2 "

75 ⁴³ 53 38; 66

130 ^{33.5} 49 37; 54. Iris olive, granulated with bent. Bill with mandible, tip and base, oval. Area on upper side of mandible, black. Maxilla yellow at base, succeeded by one bordered anteriorly by a broad band of madder brown. Legs and feet chrome yellow down to middle of tarsi and toes and on claws black. (Webbs)

March 22, 1901.

Lake Kissimmee, Florida.

12340 (concluded). Eyelid chrome. Iris hazel. Bill obsen
gray, and reddish. Legs and feet, olive; webs12341 *Anas fulvogula*. ♂ ad. 605 900 261

12342 " " ♂ ad. 600 920 270

12343 " " ♂ ad. 587 870 253

12344 " " ♀ ad. 587 870 254

12345 " *Cyanoptera* ♂ ad. 412 650 19312346 *Columbigallina passerina* ^{terrestris} ♀ ad. 179 282 86

March 23, 1901. Lake Kissimmee, Fla.

12347 *Progne subis* ♂ ad. 210 415 152

12348 " " ♂ ad. 205 407 143

12349 " " ♂ ad. 211 420 149

March 24, 1901. Lake Kissimmee, Fla.

12350 *Progne subis* ♂ ad. 208 410 14712351 *Polyborus cheriway* ♂ ad. 593 1320 398

March 25, 1901. Lake Kissimmee,

12352 *Progne subis* ♀ ad. 206 412 145

12353 " " ♂ ad. 204 417 150

12354 " " ♂ ad. 215 434 154

12355 " " ♂ ad. 207 419 152

12356 *Melanerpes formicivorus* ♀ ad. 245 422 130

March 26, 1901. Lake Kissimmee, Fla.

12357 *Buteo lineatus alleni* ♂ ad. 430 975 29312358 *Meleagris gallopavo ocellata* ♀ ad. 980 1320 400

Feet preserved in formalin. Tail kept dry. Lion

After having been plucked off to find her nest with.

12359 *Progne subis* ♂ ad. 208 424 151

12360 " " ♂ ad. 212 425 150

ret., patterned like the male's; colored dusky olive,
dusky; claws plumbeous and horn color.124 {⁵⁴₆₄ 49; 66. Stomach contained *Planorbis* and *Splanterium*. Weight 2 ³/₄ lbs.130 {⁵⁴₆₄ 50; 66. " " 2 ³/₄ "116 {⁵⁵₆₆ 47; 65. Testicles, 5.5 x 2.7 mm. " " 2 ³/₄ "120 {⁵⁰₆₀ 47; 60. Contained eggs 45 x 60 and 40 x 40. " 3 "87 {³⁸₄₇ 35; 47.70 {³⁸₄₇ 17; 19.5.

86 12 14.2; 21.

81 12 15; 22.

85 12 15; 23

84 12.5 15.5; 22.

240 {⁴⁵₅₅ 95; 75. Stomach contained carrion. Legs and tail preserved dry. Head in formalin No. 77.

Florida.

79 12.2 17; 23.

82 12 15; 22.

86 12 15; 22.

84 12 15; 22

93 16 22; 25.

196 {³¹₂₀ 78; 50. Stomach contained Crawfishes and insects.

320 30 140; 82. Crop, gizzard and both (wt. 10 lbs.)

lained eggs ready to be oviposited. No feathers on breast.

86 12.3 15; 21.5.

86 12.5 15.5; 21.

March 26, 1901 - Concluded.
Lake Kissimmee, Florida.

12361	<i>Progne subis</i>	♀ ad.	206	410	147
12362	" " <i>mexicanus</i>	♀ ad.	210	422	151
12363	<i>Himantopus mexicanus</i>	♀ ad.	355	675	217
12364	" " "	♀ ad.	368	680	217

March 27, 1901. Lake Kissimmee, Fla.

12365	<i>Lanius ludovicianus</i>	♂ ad.	233	322	99
12366	<i>Cardinalis cardinalis floridana</i>	♂ ad.	223	298	95
12367	<i>Anhinga anhinga</i>	♂ ad.	925	1245	335
12368	" " "	♀ ad.	893	1183	326
12369	<i>Ardea virescens</i>	♂ ad.	498	680	192
12370	<i>Ardea tricolor ruficollis</i>	♀ ad.	645	1025	254
12371	<i>Tantalus loculator</i>	♂ ad.	462	1800	490

March 28, 1901. Lake Kissimmee, Fla.

12372	<i>Cerythya</i>	♂ ad.	420	735	203
12373	<i>Himantopus mexicanus</i>	♂ ad.	368	720	236
12374	<i>Chalcophaps indica</i>	♂ ad.	161	339	123

Sat. March 30, 1901. Lake Kissimmee, Fla.

12375	<i>Progne subis</i>	♂ ad.	201	415	148
12376	<i>Myiarchus cinerascens</i>	♂ ad.	233	336	107
12377	<i>Dryobates villosus auduboni</i>	♀ ad.	218	366	114

Sunday, March 31, 1901. Lake Kissimmee, Fla.

12378	<i>Totanus melanoleucus</i>	♂ ad.	304	650	200
12379	<i>Corvus americanus floridana</i>	♀ ad.	467	910	300
12380	<i>Tyrannus tyrannus vexator</i>	♀ ad.	217	362	114
12381	" " "	♂ ad.	216	390	125
12382	<i>Myiarchus cinerascens</i>	♂ ad.	230	332	103
12383	<i>Melanerpes formicivorus</i>	♂ ad.	250	420	133

125 45; 50 65; 150 85; 25 95, 488 Birds to no. 12377

80	12	15; 23.
82	12	15; 22.
78	65	106; 43; 526; 253.
76	67	105; 45; 553; 270.

No. 12367; Weight 4 lbs.

" 12368: Weight, 4 lbs.

107	17	26.5	22
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107	19	25; 22.
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272	88	45; 80.
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270	72	45; 77
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71	63	53; 56; 630; 185.
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95	93	90; 72; 830; 275.
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175	234	210; 125; 1425; 600.
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72	43	37; 64.
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82	66	109; 44; 555; 270
----	----	-------------------

62	8	13; 17.5.
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78	11.2	15; 22
----	------	--------

103	21.2	22; 20.
-----	------	---------

78	25	10; 20
----	----	--------

87	62.5	69; 44.
----	------	---------

190	43	65; 51.
-----	----	---------

90	19	19.5; 22.5.
----	----	-------------

93	17.5	19; 21.5.
----	------	-----------

100	21	21.5; 18.5.
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92	19.5	22.5; 26.5.
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Destroyed.

Stomach contained Pike, Perch, Silver Fish.

Large-mouthed Black Bass. (Ditto the next.)

In orange-red. Bill greenish olive above, yellowish

olive below. Feet olive marked with yellow & dusky.

Craw filled with insect and crustacean remains.

Craw packed with large crawfishes " 7 "

Weight 2 lbs

Wt. 1 lb.

Wt. 1 3/4 lbs

Parent set $\frac{a}{5}$ eggs. Incubated.

March 3, 1901 - Concluded.
Lake Kissimmee, Florida.

12384.	<i>Sitta pusilla carolinensis</i> .	♂ ad.	112	207	65
12385.	<i>Sturnella magna argutula</i> .	♂ ad.	245	382	117
12386.	<i>Mimus polyglottos</i> .	♀ ad.	250	347	107
12387.	<i>Lanius ludovicianus</i>	♂ ad.	240	323	100
12388.	<i>Geothlypis trichas</i> .	♀ ad.	327	455	147
12389	"	♀ ad.	318	440	141
12390	<i>Geothlypis trichas</i> .	♂ ad.	313	430	140
12391	"	♂ ad.	312	431	139
12392	"	♂ ad.	320	445	144
12393	"	♀ ad.	293	405	128
12394	"	♂ ad.	320	435	136
12395	"	♂ ad.	322	440	142
12396	"	♂ ad.	319	438	140

Monday, April 1, 1901. Lake Kissimmee

12397	<i>Progne subis</i>	♂ ad.	208	402	145
12398	"	♂ ad.	210	425	152
12399.	176, 800 ven. m. " Type of <i>floridana</i>	♀ ad.	208	410	146

Tuesday, April 2, 1901. Lake Kissimmee

12400.	<i>Totanus melanoleucus</i> .	♂ ad.	344	627	200
12401	<i>Anhinga anhinga</i> .	♀ ad.	900	1175	330
12402	<i>Agelaius phoeniceus floridanus</i> .	♂ juv.			
12403	<i>Tyrannus tyrannus vexator?</i>	♀ ad.	218	373	116
12404	<i>Progne subis</i>	♀ ad.	204	407	145
12405	"	♂ juv.	211	430	151
12406	"	♀ ad.	208	413	148
12407	"	♂ juv.	203	411	146
12408.	"	♀ ad.	209	410	145
12409.	"	♀ ad.	197	390	140

34 142; 15; 15.5.

80 33 40; 37.

117 16 33; 27. Contained egg ready to be laid.

111 17.5; 27.5; 23.5.

130 33 43; 42.

129 33 42; 41.5.

135 31 36; 34. Iris straw. Bill & feet black.

133 34.5 36; 36. Albinistic about head.

138 3 37; 35.

119 30; 33.5; 33. Iris pale straw. Bill & feet black.

135 33 37; 36.

139 31.5; 37; 35.

139 32 35; 34.

Florida.

81 12 14.5; 21.5.

81 12 15; 22.

82 12 16; 22.2. Dark below for a female. Sex positive.

Florida.

86 58 67; 43.5.

190 82 45; 76.

Not measured

88 18; 19; 21

80 12.3 15.5; 22.

84 11.3 16; 23.

82 12.8 15.5; 21.5.

80 12 15; 21.5.

83 12 15; 22.

76 12 15; 22.

Weight 4 lbs.

38 Thursday, April 4, 1901.
Lake Kissimmee, Florida

12410 *Himantopus mexicanus*. ♂ ad. 374 700 225
(Left camp at north end of Lake Kissimmee at
on Bremer Island, and shot a Cinnamon and four
Great White Egrets and 8 eggs (3-1, 3, 3) of Ward's
Island, and sailed to 5 miles below L. Kissimmee
Pied-Billed Grebe. Camped at 7 P.M.)

The following are from Bremer Island:

12411 *Ardea wardi*. Sex not determined. Besides
which was built in a live-oak tree about
composed entirely of sticks to which

12412 *Ardea egretta*. ♂ ad. 1000 1490 400.
Bare space around eye and around cere
green. Bill dusky, olive above, white below.

12413 *Ardea egretta*. ♂ ad. 1080 1520 407

12414 " " ♀ ad. 713 1360 355

12415 " " ♂ ad. 1020 1400 395

12416 *Polyborus cheriway*. ♂ ad. 580 1285 390

The following were from Kissimmee River

12417 *Podilymbus podiceps*. ♀ ad. 355 582 132

12418 *Ardea virescens*. A laying bird. ♀ ad. 475 675 184

Friday, April 5, 1901. Kissimmee River at Lone

12419 *Ardea virescens* (3 Green Herons, together with 2101) ♂ ad. 522 725 200

12420 " " ♂ ad. 480 694 191

12421 *Bartramia longicauda*. ♂ ad. 305 550 166

yellow; claws brownish black. An extremely wild

12422 *Speotyto c. floridana*. ♀ ad. 236 615 175

12423 " " ♂ ad. 240 630 177

nearly ready to be laid. Burrow contained a small
snake and a piece of *Gallinago*, carried in by the owl, which

39

80 64 120; 43 56 7.28 North shore of Lake Kissimmee,
10 a.m. Sailed to Bremer Island by 12 m. Sailed
Great White Egrets; collected 4 eggs (2, 1, 1 of
Herons) and 3 eggs of H. C. Cardinal. Left Bremer
on K. Riv.; shot Scaup Duck, Green Heron,

this egg, just hatched, there was one egg in the nest,
30 feet above the ground. The nest was
a few feathers were sticking.

168 121 160; 117; 1400; 497. Iris, straw color. Wt. 3 lbs.
and a little yellow a spot on side of base of mandible
+ edge of maxilla, yellow.

165 122 175; 128; 1440; 525. } Stomachs do Wt. 3 lbs.
148 106 128; 100; 1200; 415. } fish & crawfish. " 2 "
164 115 152; 108; 1300; 460. } " 2 3/4 "
240 45 95; 70. Stomach filled with fish carrion " 4 1/2 "

at Lone Cabbage Palmetto, below Lake Kissimmee:

50 19.5 40; 57. Stomach contained vegetable matter
72 60 53; 55; 595; 192. Legs & feet yellowish olive.

Cabbage Palm, below Lake Kissimmee.

79 68 54; 60 Legs & feet yellow 650; 207.

72 62 53; 53. Legs & feet. 595; 192.

96 30 51; 32 iris brown. Bill brownish black, yellow on
sides and at base below. Legs and feet greenish

bird in Florida.

85 19.5 47; 28.5. } A pair taken with one Wt. 3 1/4 lb.

89 20 50; 28. } eggs from burrow 3 feet deep. Another egg was

stupid. snake and a piece of *Gallinago*, carried in by the owl, which

Starting, April 6, 1901
 Lone Cabbage Palmetto, Kissimmee River, 10.

- 12424 *Polyborus cheriway*. ♀ ad. 590 1290 365
 Bare face flesh color. Bill very pale blue. Feet
 filled with carrion. Shot in company with
 12425 *Oxythya* ♂ ad. 420 740 203
 12426 *Totanus flavipes*. ♀ ad. 272 492 157
 all round at base. Legs and feet yellow; claws plumbeous
 12427 *Anas fulvigula*. In good flesh. ♀ ad. 510 820 243
 12428 " " " " ♂ ad. 420 740 203
 12429 " " " " ♂ ad. 420 740 203
 12430 *Actitis macularia*. ♂ ad. 203 350 110
 12431 *Ardea herodias*. ♀ ad. 680 1080 300
 12432 *Ardea virescens*. Contained blue egg. ♀ ad. 468 668 186
 12433 " " " " ♂ ad. 480 670 192

The above two Green Herons, weighed together $1\frac{3}{4}$ lbs.

- 12434 *Actitis macularia*. ♂ ad. 485 750 226

Monday April 8, 1901. Lone Palmetto to Alligator

- 12435 *Polyborus cheriway*. ♂ ad. 590 1310 397
 12436 " " " " ♂ ad. 580 1310 395
 12437 *Anhinga anhinga*. ♀ ad. 910 1170 316
 12438 *Ardea herodias*. ♂ ad. 693 1000 277
 12439 *Tringoides martinica*. ♀ ad. 323 565 182
 12440 *Ardea virescens*. ♀ ad. 645 970 275
 12441 *Perdix alector*. ♂ ad. 333 555 157
 12442 *Gallinula galeata*. ♂ ad. 372 600 190
 12443 *Ardea virescens*. ♀ ad. 470 680 189

Tuesday, April 9, 1901. Alligator Bluff, Kis

- 12444 *Rallus elegans*. ♂ ad. 360 560 165
 12445 *Tringa macularia*. ♂ ad. 146 278 86 43

miles below Lake Kissimmee.

- 232⁴⁸ 33 94 172 Wt. 3 lbs.
 grayish white. Claws plumbeous-black. Stomach
 Turkey Buzzards + Black Vultures. Iris hazel.
 65⁴² 49 37 63. Wt. 2 lbs.
 70 38 53 35. Iris dark brown. Bill dusky brownish, olive
 -black.
 110⁵⁰ 57 45 57. Stomach contained mollusks. Wt. 2 lbs.
 Bill olive above, olivaceous yellow below, this extending to sides of max-
 -illa tip. Legs + feet olive, dusky on webs and posteriorly
 No. 12427, swimming with her when shot.
 58 14.5 25 23.
 147 121 126 107. Stomach filled with sand + green stuff. Ready for oviposition. Wt. 2½ lbs.
 72 59 51 56. Feet yellowish olive
 360 53 56. Fat reddish
 Stomach contained crawfishes. Wt. 2 lbs.
 136³³ 49 36 50. Iris red. Feet yellow, webs + joints dusky.
 Bluff, Kissimmee River, Florida.
 242⁴⁸ 33.5 99 79. Skeleton. Stomach contained carrion. Wt. 3 lbs.
 230⁴⁵ 32 93 73. " do Wt. 3 "
 275 85 44 76. " Stomach contained bones and scales of fish
 98 100 103 79. Stomach filled with (Isopod?) crustaceans.
 83⁴⁸ 25 60 76. Wt. 1½ lbs.
 145 111 112 99 875 369. " 2 lbs.
 99 00 13 22.
 90⁴¹ 28 56 81. " 1½ lbs.
 72 64 51 54 575 170. Parent set 4 eggs. " 1 lb.
 Kissimmee River, Florida
 4 55.5 60 58. Iris reddish brown (cinnamon-rufous).
 tinged with tawny at base below. Feet land eggs.
 19.5 19 20.

42 Tuesday, April 9, 1901 - Concluded.

Alligator Bluff, Kissimmee River, Fla.

- 12446 *Tringa minutilla*. ♀ ad. 150 295-91
 12447 " " ♂ ad. 145 285 88
 12448 *Totanus flavipes*. ♂ ad. 266 497 156
 12449 " " ♂ ad. 267 503 159
 12450 *Suares alba*. ♂ im. 700 1100 210

Tail all dark terminally. Iris cinereous red. Bare part of head pinkish rufous.

- 12451 *Suares alba*. ♂ im. 669 1045 295
 Weight 2 $\frac{3}{4}$ lbs. Two central tail-feathers (new) white. More parts the same except that the bill is no
 Wednesday, April 10, 1901. Alligator Bluff

- 12452 *Aramus giganteus*. ♂ ad. 715 1120 325
 Iris, grayish brown, measuring 10 mm. in diameter with tawny-ochraceous at base and dusky.

- 12453 *Nycticorax violaceus*. ♀ im.
 Thursday, April 11, 1901. Alligator Bluff

- 12454 *Aramus giganteus*. ♂ ad. 97 1125 330
 12455 *Ceryle alcyon*. ♀ ad. 340 570 168
 12456 *Dolichonyx oryzivorus*. ♂ ad. 292 300 103.
 12457 *Tyrannus tyrannus vocator*. ♂ ad. 220 388 123
 12458 " " " ♀ ad. 213 370 118

- Friday, April 12, 1901. Alligator Bluff
 12459 *Aramus giganteus*. ♀ ad. 687 1110 325

Saturday, April 13, 1901. Kissimmee (Prairie)

- 12460 *Poocaea trachinotus aestivalis*. ♀ ad. 138 203 61
 12461 *Ammodramus swannorum* ~~flaviventris~~ ^{floridanus}. ♀ ad. 151 201 61
 12462 " " " ♀ ad. 130 202 61
 12463 *Speotyto cunicularia floridana* Ridg. ♂ ad. 240 637 179

43

43 18 19; 19.5 mm.

41 19 19; 19 "

71 38 55; 33.

70 37 53; 35. ~~Back~~

133 158 108; 83; 900; 355 ~~Back~~ mixed with white feathers

Legs and feet, grayish flesh-color, tinged with

Bill purplish brown, olive-buff at base Wt. 2 $\frac{3}{4}$ lbs.

124 159 97; 81; 850; 325 Back almost all white.

nearly adult than the preceding. Colors of soft

are rufous.

Kissimmee River, Florida

163 124 132; 117; 985; 430

Wt. 3 lbs.

Bare space around eye, tawny-olive. Bill, olive, tinged

at tip. Legs, feet and claws, mouse gray.

Iris, orange. Laying.

Kissimmee River, Florida.

155 121 126; 108; 958; 410.

Wt. 3 lbs.

107 58 12; 22.

73 16 27; 29.

97 18.5 19; 20. } mated pair.

91 20. 20; 21.

Kissimmee River, Florida

153 127 132; 112, 970; 420.

Wt. 2 $\frac{1}{2}$ lbs.

49 12.7 20; 19. } Egg size of *Speotyto cunicularia* (parus)
 63 12.2 19; 17 } exchange measurements of these two.

49 12.3 20; 18.5. A breeding bird.

87 14.5 50; 30. Iris yellow. Mated with No. 12466.

Saturday, April 13, 1901. - Concluded.

- Kissimmee Prairie, Florida.

12464	<i>Spreoptya curvicularia floridana</i> .	♂ ad.	240	632	181
12465	"	♀ ad.	220	590	172
12466	"	♂ ad.	228	600	172
12467	"	♂ ad.	240	617	170
12468	"	♂ ad.	240	625	176
12469	<i>Colinus virginianus floridanus</i> .	♂ ad.	227	359	107

Sunday, April 14, 1901. Olney, F.O., Florida.

12470	<i>Dryobates borealis</i> .	♂ ad.	214	380	118
12471	<i>Sitta carolinensis atkinsi</i>	♂ ad.	158	290	94
12472	<i>Sitta pusilla caniceps</i> .	♂ ad.	113	212	68
12473	"	♀ ad.	105	200	62
12474	"	♂ ad.	112	204	65
12475	"	♂ ad.	114	210	65

Monday, April 15, 1901. Lake Cypress, Ocala

12476	Swallow-tailed Kite	♂ ad.	615	1355	447
12477	<i>Elanoides forficatus</i> .	♂ ad.	600	1290	440
12478	<i>Piranga rubra</i> .	♂ ad.	199	310	99
12479	<i>Elanus leucurus</i> .	♂ ad.	420	1045	330
12480	"	♂ ad.	420	1055	330
12481	<i>Progne subis floridana</i>	♂ ad.	211	434	155
12482	"	♀ ad.	207	400	147
12483	<i>Coccyzus erythrophthalmus</i> .	♂ ad.	433	795	123

Tuesday, April 16, 1901. Lake Cypress, Ocala

12484	<i>Piranga rubra</i> .	♂ ad.	146	315	100
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Wednesday, April 17, 1901. Boat Landing, Ocala

12485	<i>Colinus virginianus floridanus</i> .	♂ ad.	235	380	110
12486	"	♂ ad.	237	362	109
12487	"	♀ ad.	238	372	111

88	18	49; 30.	Mated pair, taken with 3 eggs.
81	14.8	44; 30.	
82	15.5	46; 28.5.	
85	14	48; 30.	
64	14	31.5; 30.	Mated pair with 1 egg (taken 1).

Ocala, Florida

88 24.7; 21.5; 22.

53 20 19; 21.3.

35 16 15; 16.

34 14.5 14; 15.

36 14 15; 15.

35 15.5 15; 16.5.

Ocala, Florida

370	28	38; 42.	Egg, 14.5.	Iris sandy brown. Cere, max and tomia, plumbeous. Bill plumbeous black. Feet pale green, yellowish on under side of toes. Claws olive. Stomach contained caterpillars & large green beetles.
360	28	38; 41.		

79	18	19.5; 18.5.	Head and cere maize yellow; max and tomia greenish yellow. Iris orange verm. Wt. 1 lb.
194	20	41; 41.	

205	28	39; 42.	Iris olive, blue-black.
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85	12.6	16; 22.5.	" 1 "
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79	12	15; 22.	
----	----	---------	--

174	41	36; 42.	
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80	18	19.5; 19.	Iris hazel. Bill olive. Feet gray; claws olive-gray.
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65	14.5	33; 36.	
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17	14	33; 33.	
----	----	---------	--

68	14	31; 34.	
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65	14.5	33; 36.	
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17	14	33; 33.	
----	----	---------	--

68	14	31; 34.	
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46 Wednesday, April 17, 1901.

Blue Cypress Lake, Volusia County,

12488 *Phalacrocorax delocephus floridanus*. F. ad. 795 1193 300
Iris sea green. Bare skin on head, orange, with
a dusky triangle between eye and bill. Bill yr
below. Feet and claws black. Stomach contained
the skin of one having become fixed and firm.

12489 *Phalacrocorax delocephus floridanus*. F. ad. 805 1265 315
Parent of nos. 12494-5 and 498

12490 *Anhinga anhinga*. F. ad. 870 1200 335

Iris burnt carmine. Bare area around eye verditer
tilla olive-green, dusky at base; mandible brown
marked with olive on upper side of base. Claws

12491 *Anhinga anhinga*. F. ad. 900 1210 345

The two above weighed together 6 pounds.

Great quantity of fish bones and scales in

12492 *Phalacrocorax delocephus floridanus*. F. ad. 820 1300 320

12493 " " " F. ad. 770 1195 300

12494 " " " F. pullus. Just on

12495 " " " F. pullus. Through

which the male parent (No. 12489) was

chalking, measure 62 x 38

Thursday, April 18, 1901, Padgett Creek

12496 *Corvus carolinensis*. F. ad. 325 563 198

12497 " " " F. ad. 325 555 191

12498 " " " F. ad. 330 560 197

12499 " " " F. ad. 316 534 182

12500 " " " F. ad. 325 555 191

12501 " " " F. imm. 290 515 172

These six birds were part of a flock of 12 found
Blue Cypress Lake. Stomach also contained other
not their breeding season.

47

Florida

175 58.5; 66; 79; outer toe, 43; base of bill to occiput 42; weight, 4 1/2 lbs.
-st. 81; tip of bill to center of pupil, 79; diameter of eye, 8.

grayish brown, dusky above, mottled with horn-color
remains of fishes. A long catfish spine was stuck; through
a plumbeous dove. Claws black. Opening of mouth & gullet.

198 57 64; 80. Contained a L. M. B. Bass 400 mm. Wt. 5 lb. 6 oz.

265 83 75 41; 69. Contained large sun perch.
blue, shading to bottle green at edge. Bill with max-
yellow, with a black band at base. Feet wax yellow
dusky plumbeous.

285 89 80 42; 74. Colors as above, but bare skin ^{less blue} and more green ^{of face}.

Stomach contained sun perch & pickerel in gullet and
in yard.

195 60 66; 83. Colors like those above. Weight 4 1/2 lbs.

175 55 63; 76. " " 4 "

t of shell. This and No. 12495 and an egg pipped
the shell, ready to hatch, were in the nest from
a hole as she flew from it. The egg is pale ^{greenish} blue.

Brevard County, Florida.

166 23 18; 29 } Iris grayish brown. Bare space around

160 25 17.5; 29. } eye, flesh color, tinged with plumbeous.

172 24 17; 30 } lower lid, Bill, flesh color or whitish

150 23 18; 30 } horn color. Feet flesh color; claws

163 25 18.5; 30 } brownish black, tinged with olive

127 22.7 17; 29. Colors of parts like adults

feeding on cypress balls on Padgett Creek, near
seeds. Ovaries of females undeveloped functionally. It is
Continued page 60. (See page 48.)

48 Blue Cypress Lake, Oroville Co.,
Idaho. April 17, 1901

- 12504 Tantulus loculator. ♀ pullus.
 Young recently hatched
 12505 Tantulus loculator. ♂ pullus.
 Young recently hatched. black
 12506 Tantulus loculator. ♀ pullus. Bare part
 Young recently hatched. Iris grayish brown
 12507 Tantulus loculator. ♂ pullus. Can see
 12508 Auhinga auhinia. ♀ pullus. Young
 12509 " " " " ♀ pullus. Young
 12510 Tantulus loculator. ♀ pullus. The large
 100 mm. in length. Dark band on front of
 fleshy plumbeous. Iris grayish brown
 getting the coloring of adult - dusky.
 12511 Tantulus loculator. ♂ pullus. Not
 12512 " " " " ♀ pullus. A
 tinged with green; beak joint dusky, olivaceous;
 Iris brown. Bare part of head pale, greenish
 disappeared except about eye. Bill dark.
Penecea buchmani. - In sprightliness its song re-
 seen to fly up from the tender green grass growing
 alight on low limbs of the pines and sing
 on the prairies

Corvus americanus floridanus. — Set 5 eggs, 49
much incubated. Measurements. — 48 x 31 (broken),
47 x 30 (macerated), 48.5 x 31 (macerated), 46 x 30
(macerated), 45 x 30 added and blown without mac-
eration; more sparsely spotted than the others.
Lake Mead, Fla. ~~April~~ March 31, 1901. Parent no. 12379,
Ground color glaucous green, blotched with sage green, olive-
green and smoke gray.

having an orbital ring of same.
 + of head flesh color, with a broad frontal band of purplish
 Bill yellow. But flesh color (including claws)-
 considerably older than the three above.
 a few days old.
 considerably older than above.
 nestling seen. Weight 4 lbs. Gills about
 around eye gone. Bare part of face all
 Bill dull (fleshy) was yellow. Legs & feet
 grayish with flesh-colored feet
 as big as the preceding.
 little younger still. Weight, $2\frac{1}{2}$ lbs. Bare tibia
^{pale} ~~claws~~ ^{intermedium} yellow; legs otherwise flesh-color.
 plumbeous, the dusky head marking having
~~been~~
 reminded me of that of the Bobolink. It was often
 over burnt areas in the pine woods and to
 It often sang on branches at the edge of pine timber

Birds seen at Kissimmee, Osceola

	17	18	19	20
<i>Agelaius vociferus</i>	12	30	40	12
Least Sandpiper (<i>M. minutilla</i>)	10	500	500	100
Black Vulture	50	500	500	100
<i>Cathartes aura</i>	50	100	100	100
<i>Buteo borealis</i>		1	1	
<i>Circus hudsonius</i>		2	2	
<i>Accipiter velox</i>		1		
<i>Falco sparverius</i>	2	10	12	2
<i>Pandion haliaetus</i>			3	
<i>Colaptes auratus</i>		4	4	4
<i>Quiscalus major</i>	50	200	200	100
<i>Quiscalus quiscula</i>	10	100	100	50
<i>Agelaius phoeniceus</i>		10	10	20
<i>Corvus</i>	1	1	3	1
<i>Ardea herodias</i>		6	4	1
<i>Ardea tricolor ruficollis</i>		4	6	2
<i>Ardea caerulea</i>		2	12	
Grebe		4	4	
Teal		20	20	
<i>Spatula clypeata</i>			1	
<i>Aythya marila nearctica</i>				1 dead.
<i>Tantalus loculator</i>			2 ² _{seen.}	
<i>Geothlypis trichas</i>		2	2	
<i>Dendroica dominica</i>			2	
<i>Dendroica palmarum</i>		200	100	
<i>Dendroica coronata</i>		100	500	
<i>Ammodramus s. savanna</i>		20	100	
<i>Melospiza georgiana</i>		30	4	

County Florida January 1901.

	21	22	23	24	25	26	27	28	29	30	31	1	2	-	-	-
40	25	20	20	30	20	20	25	40	10	20	10	20	10	10	15	
1	2	1	1		1	20										
100	100	100	100	100	200	100	300	300	300	300	300	300	300	300	300	300
100	100	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100
1		1		1	1			1							2	
3	1	1	2	3	2	1										
			1				1									
4	4	2	6	4	6	2	4	6	20	30	20	10	10	4	4	
2	1	1	2	2	2	1	1			3	3	1		1	1	
2	4	4	4	10	20	8	25	20	30	50	25	50	25	20	30	
100	100	100	100	100	200	100	200	200	200	200	200	200	200	200	200	200
50	50	200	100	100	100	100	100	100	100	200	200	200	200	200	200	200
220	100	500	500	500	200	200	100	100	500	500	100	500	200	200	300	
1	4		2	10	4	2	2	2	2	2	2	4	2	2	4	
6	2	1	2	2	1	1		2	3	1						
6	4	2	6	10	6	6	4	4	1			1	1	1	1	
3	2	2	4	8	10	8	4					1		1	1	
	6		4													
				20												
2		1							2	2	1	2	1	1		
3																
30	20	20	100	50	50	20	25	10	10	25	30					
500	100	50	100	200	200	50	100	20	20	50	75	100	50	50	20	
20	10	5	50	50	50	20	75	50	25	20	20	5				
20	30	20	20	20	20	15	20	20	6	10	6	20	6		10	

Birds seen at Kissimmee, Osceola.

	26	27	28	29
<i>Merula migratoria</i>			20	
<i>Plotus aninga</i> "Water Turkey"			1	
<i>Hylatomis pileatus</i>			2	
<i>Buteo lineatus</i>	1		1	
<i>Poliophtila caerulea</i>			6	
<i>Corvus americanus</i>	6		3	10
<i>Leucostictes</i>			2	
<i>Gutrostrum vocifera</i>				
<i>Pooecetes gramineus</i>			4	5
<i>Dryobates pubescens</i>			1	
<i>Sialia sialis</i>				
<i>Philohela minor</i>				
<i>Dendroica coronata</i> flock. (Continued)				
<i>Ammodramus savannarum passerinus</i>				
<i>Hylaeichla aonalaschkei pulkasi</i> . One shot Jan. 24, 1901.				
<i>Progne subis</i>				
<i>Aegialitis vocifera</i> (Continued fr. page 50)				
Black Vulture				
Turkey Buzzard				
<i>Falco sparverius</i>				
<i>Colaptes auratus</i>				
<i>Dryobates borealis</i>				
<i>Melanerpes carolinus</i>				
<i>Lus calus major</i>				
"				
<i>Agelaius phoeniceus</i>				
<i>Corvus americanus</i>				
<i>Corvus ossifragus</i>				
<i>Melospiza georgiana</i>				

County, Florida.

	2	3	4	5	6	7	8	9	10	11	12	13
30 31 1												
100 1000 50	100		50	50	10			4				
1									20	4		
5 1			1	1					3			
1 2 4	4	2	4	4				1			1	
	1							2	2	2	2	6
10 20 10	10	10	10	20	10	2	10		20	10	10	4
	1	1	1	1								
1												
5 5 20	10	10	10								1	
10 10 20											1	6
flock fl. 100	20	20	30	10				2		20	10	12
from page 50	50			25				20	30	50	50	10
4	2	2	4					2	50		1	1
	4	4	4									
	4	4	4	4	2	4						
	10	20	20	10	50	10	40	25				
	300	200	200	1	100	10	20	7				
	200	50	50	10	25	10	6	1				
	10	2	2	10	4	1	1	2				
	20	10	10	10	20	4	6	2				
	6		2	2	4		10	2				
	4		2	2	10	4	10	1				
	200	100	200	200	200	50	50	20				
	100	30	50		20	20	20					
	300	100	100	100	400	100	400	100				
	10	2	10				10	6				
	2	2	2	20	20	10	10	2				
	2	2	4	2	50	10						

1901

10 4 11 12 13

10

20

13

*Tachycineta bicolor**Unio**Syrnium**Libo virginianus**Larus**Melospiza fasciata**Geothlypis trichas**Oxybryus tharus**Leioscopes carolinensis**Gallinula**Zenaidura macroura**Sitta pusilla**Dendroica virens**Circus hudsonius**Speotyto**Regulus calendula**Turdus (Hylocichla fuscescens)**Sinus aurocapillus*

2

4

2

2

2

fl.

fl.

1

1

4

6

4

2

1

1 Skel

1

2

12

12

3

2

11

10

1

2

2

1

Thursday, April 18, 1901 — (Continued)
 Padgett Creek, Brevard County, Fla.

12502	Swallow-tailed Kite.	♂ ad.	603	1290	435
12503	<i>Colaptes auratus</i> .	♀ ad.	630	1350	455
Saturday, April 20, 1901. Padgett Creek,					
12514	<i>Protonotaria citrea</i> .	♀ ad.	141	216	68
12515	<i>Compsothlypis americana</i>	♂ ad.	123	196	63
12516	<i>Zenaidura macroura</i> .	♂ ad.	160	255	79
12517	<i>Setophaga ruticilla</i> .	♂ ad.	137	204	67
12518	"	♂ ad.	135	200	66
Sunday, April 21, 1901. Padgett Creek.					
12518	<i>Thryothorus ludovicianus miamensis</i> .	♂ ad.	155	215	63
12519	<i>Dendroica caerulescens</i> .	♂ ad.	132	209	61
Monday, April 22, 1901. Kissimmee Prairie, &					
12520	<i>Speotyto cunicularia</i> .	♀ ad.	236	625	176
12521	"	♂ ad.	238	636	180
Tuesday, April 23, 1901. Kissimmee Prairie &					
12522	<i>Perisoreus inornatus</i> .	♂ ad.	129	205	68
12523	<i>Dendroica discolor</i> .	♀ ad.	127	180	57
12524	" <i>striata</i> .	♂ ad.	146	235	78
12525	<i>Helminthophila variegata</i> .	♂ ad.	138	225	71
12526	<i>Geothlypis trichas ignota</i> .	♂ ad.	133	185	58
12527	<i>Mniotilta varia</i> .	♂ ad.	138	218	70
12528	"	♂ ad.	135	216	71
12529	<i>Compsothlypis americana</i>	♂ ad.	119	192	60
12529	"	♀ ad.	112	171	54
12530	"	♂ ad.	114	173	56
12531	<i>Ammodramus savaunensis</i> ^{floridensis} .	♂ ad.	132	210	63
12532	<i>Melospiza georgiana</i> .	♂ ad.	144	200	61
12533	"	- all. Preserved			

358 ²⁷ 20.3; 37. } Stomachs contained large
 382 ²⁸ 20.5; 36; 40 } beetles and many caterpillars. Weight 1 1/4 lbs.
 A mated & breeding pair - " 1 1/4 lbs.
 Brevard Co. Fla.

48 ^{mont.} 10.3; 19; 15.2 } A breeding bird; egg ready to be laid.
 49 11 16; 13. } In hazel. Bill plumbeous-black. Feet, including claws, plumbeous.

60 13 23; 17.7.

61 8.3 17.5; 13.2.

60 9. 16.5; 13.5.

57 18 22.5; 21.5

56 10 18.5; 15.5.

near E. of Alligator Bluff, Fla.

88 ^{18.5} 15.5; 45; 30. } Contained green beetle (large).
 88 ^{18.5} 14.5; 46; 30. } Parents of set of 4 fresh eggs.

4-mile Hammock, near E. of Alligator Bluff, Florida.

50 11.2 19; 16. } Iris brown. Bill plumbeous-black, lined with horn color at base of mandible. Feet dusky olivaceous with under side of toes yellow.

51 10.7 18.5; 14. } Fat all yellow but claws which are yellowish brown.

56 11 19.5; 17. } Iris brown. Bill plumbeous-black, yellowish at base of mandible. Feet and claws flesh color, the latter slightly brownish towards tip.

52 15 19; 17. } Iris brown. Bill black above, flesh color below. Feet and claws flesh color, the latter slightly brownish towards tip.

53 12.5 21; 18.

55 13.5 17; 17.

54 13.2 17.5; 17.

43 10.7 17; 14.

40 10 16; 13.2.

43 10 17; 14.

49 12 21; 18.

59 12 22; 18.

in formalin. Metal tag No. 105.

62 Tuesday, April 23, 1901 — (Concluded)

Ridge at Kissimmee Prairie 4 m. E. of Alligator Bluff, Florida.

12535	<i>Speotyto floridana</i> . (Ridgway).	♂ ad.	229	612	172
12536	"	♂ ad.	235	632	179
12537	"	♀ ad.	226	597	170
12538	"	♀ ad.	233	610	170

Wednesday, April 24, 1901 Alligator Bluff, Kissimmee River, Florida

12539	<i>Chordeiles</i>	♀ ad.	217	555	187
12540	<i>Colaptes auratus</i>	♂ ad.	303	490	150
12541	"	♀ ad.	292	465	143

Thursday, April 25, 1901. Alligator Bluff, Kissimmee River, Florida

12542	<i>Aramus giganteus</i> .	♂ ad.	720	1165	352
12543	<i>Dolichonyx oryzivorus</i> .	♂ ad.	196	316	103
12544	"	♂ ad.	197	311	101
12545	"	♂ ad.	186	304	99

Friday, April 26, 1901.

12546	<i>Solana solitaria</i> (dotitis maculosa).	♂ ad.	194	340	109
12547	<i>Ardea virescens</i>	♀ ad.	500	704	190
12548	<i>Aramus giganteus</i> .	♂ ad.	710	1150	337
12549	"	♀ ad.	655	1065	315
12550	"	♀ ad.	657	1070	315
12551	<i>Ardeetta solitaria</i> exilis. (Silver Heron).	♂ ad.	857	443	122
12552	"	♂ ad.	343	438	119
12553	<i>Onychoprion martinica</i> .	♂ ad.	343	582	188
12554	<i>Ardeetta solitaria</i> exilis.	♂ ad.	350	430	118
12555	"	♂ ad.	368	455	124
12556	<i>Ardea virescens</i>	♂ ad.	475	685	186
12557	<i>Aramus giganteus</i> .	♂ ad.	692	1111	322
12558	"	♀ ad.	680	1050	330

Florida.

80	18.5 14.5 47; 30	Molting. Mated with No. 12538. No eggs in nest.
84	19.5 15.5 48; 31	Parents of set of 5 eggs.
76	19 15.5 46; 29	Caught on eggs.
83	19.5 15.5 46; 30	Mated with No. 12535. No eggs in nest.

Kissimmee River, Florida

105	18.5 7 16, 18	-black
114	34 29; 30.5	Iris reddish brown. Bill black, plumbeous.
110	31 28; 28.5	Feet + claws olivaceous gray. Nest in cabbage stump, 1 ft. above ground. Her description see page.
58	133 134; 111; 990; 425	Complete skeleton saved.

77	15.5 28; 31
72	15.5; 28; 31
73	15 26 29

56	25 24.5; 22	
73	65 54; 57	Feet olive-yellow above, chrome yellow below.
158	126 135; 111; 995; 415	Quill + first portion of stomach filled with mollusk shells (numerous).
156	124 120; 105; 900; 400	Second portion of stomach " 3 "
155	120 120; 100; 895; 395	Third portion of stomach " 3 "
44	47.5 41; 50; 480; 158	Iris canary yellow. Bare face, vireous.
46	47.5 43; 45.5; 465; 160	Bill dusky above, flesh color below, with a broad emerald stripe of chrome yellow posterior. Feet olive green above, chrome below.
87	30 60; 75	Grown to Mrs. Bush, Aug. 5, 1901.
45	48.5 42; 45; 480; 153	Parent of set of 4 eggs see page. 267.
49	48 42; 45.5; 490; 155	
71	61.5 49; 53; 585; 184	Iris yellow. Bare face dark plumbeous. Bill plumbeous black. Feet olive. Nest in cabbage stump.
164	119 121; 103; 947; 395	Trachea sand dry. Body in formalin.
154	123 135; 109; 970; 415	Metal tag No. 84.

Saturday, April 27, 1901
Alligator Bluff, Kissimmee River, Florida.

12559 *Agelaius phoeniceus floridanus*. ♂ ad. 233 370 118
12560 " " " ♀ ad. 200 308 99

Sunday, April 28, 1901. Alligator Bluff, Kissimmee

12561 *Myiarchus cinerascens*. ♂ ad. 229 340 105

12562 *Chordeiles* ♂ ad. 232 348 198

12563 *Zonotrichia querula*. ♂ ad. 340 573 185

Monday, April 29, 1901. Alligator Bluff, Kissimmee

12564 *Tachycineta bicolor*. ♀ ad. 151 318 118

12565 *Melospiza georgiana*. ♂ ad. 150 204 61

12566 *Aramus giganteus*. ♂ ad. 720 1160 330

Tuesday, April 30, 1901. Alligator Bluff, Kissimmee

12567 *Sturnus noveboracensis*. ♀ ad. 150 230 73

12568 *Aramus giganteus*. ♀ ad. 665 1045 300

12569 " " ♀ ad. 672 1105 315

12570 " " ♀ ad. 675 1065 303

Wednesday, May 1, 1901. Alligator Bluff,

12571 *Zonotrichia querula*. ♂ ad. 352 608 195

12572 " " ♀ ad. 332 578 182

12573 *Porzana carolina*. ♂ ad. 225 354 108

12574 *Mniotilta varia*. ♂ ad. 136 219 70

12575 *Coccyzus americanus*. ♂ ad. 302 410 144

Thursday, May 2, 1901. Rattlesnake Bluff to

12576 *Zonotrichia querula*. ♀ ad. 330 575 180

12577 *Anas fulvigula*. ♂ pullus

12578 " " ♀ pullus.

Friday, May 3, 1901. Lake Cypress to Kis

12579 *Elanoides forficatus*. ♂ ad. 535 1230 405

12580 *Thryothorus ludovicianus mimasensis*. ♀ ad. 156 200 62

100 23.6; 31; 27. Parents of set $\frac{2}{3}$. Nest contained 3
81 21; 25; ~~25~~ 26 eggs April 23, not taken until to day.

River, Florida.

96 22 22 21

111 5 14 20

85 ⁵⁰29 60 79; 500; 232. Possible parent of set $\frac{2}{3}$ eggs

River, Florida.

62 7 12; 17.

56 12.2 24; 20.3.

140 128/34; 106; 990; 425 Complete skeleton preserved Wt. 3 $\frac{1}{4}$ lbs.

River, Florida.

56 13 21; 17.5.

150 112 118; 101; 885; 370

162 121 128; 106; 930; 380.

146 115; 115; 103; 905; 375.

Kissimmee River, Florida.

86 ⁵⁰65; 85.

77 ⁵⁰64; 78. 510; 240

53 21.3 32.5; 41.5.

52 13.5 17; 17.

156 17.5 26.5; 24.5.

Lake Cypress, Fla.

75 ⁵⁰64; 78; 510; 240.

Kissimmee, Florida

290 ²⁸19.5 34; 40. Stomach contained caterpillars.

55 18.7 21; 20.

Weight of
the three
flbs.

Bill shading from yellow at base
to apple green at tip Iris hazel. Legs & feet
(olive green)

(May 3. - Concluded.)

12581	<i>Vireo olivaceus</i> .	♂ ad.	162	255	80
12582	<i>Dendroica caerulescens</i> .	♂ ad.	133	194	63
12583	<i>Coccyzus americanus</i> .	♀ ad.	303	418	144
12584	"	♂ ad.	300	424	146
12585	<i>Tyrannus tyrannus</i> <i>vexator</i> .	♂ ad.	220	371	119
12586	"	♀ ad.	220	371	117

May 9, 1901. Kissimmee, Osceola Co.,

12587	<i>Lanius ludovicianus</i>	♂ juv.	Just from		
12588	<i>Chordeiles virginianus</i> .	♀ ad.	224	563	190
12589	"	♀ ad.	225	575	193

May 10, 1901. Kissimmee, Osceola Co.,

12590	<i>Melanerpes erythrocephalus</i> .	♂ ad.	245	440	139
12591	<i>Columbigallina passerina</i> .	♂ ad.	173	295	93
12592	"	♂ ad.	179	287	92
12593	"	♀ ad.	174	280	89
12594	<i>Chordeiles virginianus</i>	♀ ad.	223	573	193
12595	"	♀ ad.	225	570	192

May 11, 1901. Kissimmee, Osceola County,

12596	<i>Ardea candidissima</i> .	♂ ad.	610	1000	270
-------	-----------------------------	-------	-----	------	-----

back plumage, 205. Head of tibia to end of claws,
iris & bare face, lemon yellow. Bill plumbeous.
Legs & feet plumbeous black except toes which
April 17, 1901. Palm Springs Lake, Osceola

12597	<i>Tantalus loculator</i> .	- juv.	Young just		
12598	<i>Anhinga melanogaster</i> .	- juv.	just		
12599	"	"	"		

[Record of bird specimens continued on

56	14	19;	
56	10	18.5; 15.5	
153	26	27; 26	Parents of set of eggs
150	26	25; 23	
93	15	18; 21	
91	14.6	19; 20.5	

Florida.

nest; attended still by both parents.

107	5	15; 20.5	
112	5	15; 21.	

Fla.

88 17.5 23; 26. Had been digging a burrow for several days.

68 12 19; 19.

73 11.7 17; 18.

70 12 17; 18.

107 5 15.5; 20.5.

108 4.5 14.5; 19.

Florida (Lake Lochopetkaliga).

105 82 100; 74. Longest head plumes 115. Longest
3.3 Length to end of claws, 840 mm.Back, lemon yellow at extreme base all round
are sulphur yellow. Claws plumbeous-black.
Co., Fla.

nest of egg.

page 22 of Fort Adams Notebook.]

April, 190

	22	23	24	25	26	27	28
<i>Anhinga anhinga</i>	20	30	25	25	25	30	
<i>Anas fulvigula</i>	10	12	10	10	15	20	
<i>Rix sponsa</i>	4	10	10	10	10	10	
<i>Quara alba</i>	50	300	400	300	350	30	
<i>Tantalus loculator</i>	20	2	1	—	—	—	
<i>Actaeus leucogaster</i>	6	10	10	—	4	4	
<i>Ardea wardi</i>	20	10	12	12	15	10	
<i>Ardea candidissima</i>	1	10	—	—	—	—	
<i>Ardea egretta</i>	500	20	10	6	—	—	
<i>Ardea sacreale</i>	500	20	10	6	6	50	50
<i>Ardea tricolor ruficollis</i>	300	30	20	25	15	500	500
<i>Ardea virescens</i>	4	10	20	30	25	25	25
<i>Nycticorax n. naevius</i>	50	50	50	50	50	50	50
<i>Nycticorax violaceus</i>	10	10	10	10	50	50	
<i>Trus mexicanus</i>	20	15	10	20	20	15	15
<i>Dramus giganteus</i>	20	30	30	30	30	30	30
<i>Rallus</i>	—	—	—	—	—	—	—
<i>Zonotrichia martinica</i>	10	20	20	20	10	10	497
<i>Gallinula galeata</i>	10	10	10	10	5	5	
<i>Fulica americana</i>	6	10	10	10	10	4	4
<i>Ardeotis mexicanus</i>	1	—	—	—	—	—	—
<i>Actaeus flavipes</i>	6	2	4	2	—	—	—
<i>Actaeus solitarius</i>	—	4	—	1	1	—	1
<i>Gallinago delicata</i>	20	15	10	4	4	4	4
<i>Colinus v. floridanus</i>	50	20	20	20	4	10	—
<i>Zenaidura macroura</i>	100	10	10	10	10	10	—
<i>Columbigallina passerina</i>	10	10	10	10	—	—	—
<i>Calhantes anser</i>	100	300	100	100	100	100	100

May, 1901.

29	30	1	2	3	4	5	6	7	8	9	10	11	12	13
30	30	30	1000	10	—	—	—	—	—	—	—	—	—	—
10	10	25	300	25	—	16	—	—	—	—	—	—	—	—
6	6	6	50	6	—	—	—	—	—	—	—	—	—	—
300	300	300	500	—	—	200	—	—	—	—	—	—	—	—
—	—	2	500	50	—	—	—	—	—	—	—	—	—	—
4	4	2	4	—	—	—	—	—	—	—	—	—	—	—
—	—	10	200	20	2	10	—	1	4	20	—	—	—	—
—	—	2	4	4	—	—	—	—	—	—	—	—	—	—
—	1	2	10	—	—	—	—	—	—	—	—	—	—	—
500	—	500	5000	100	10	20	—	4	6	100	—	—	—	—
500	—	500	5000	100	10	20	—	3	10	50	—	—	—	—
25	25	25	500	25	10	20	—	4	10	20	—	—	—	—
50	50	50	1000	10	—	—	—	—	—	10	—	—	—	—
50	50	100	1000	—	—	—	—	—	—	—	—	—	—	—
10	10	10	20	10	—	—	—	—	—	—	—	—	—	—
30	30	30	200	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	10	10	75	—	—	—	—	—	—	—	—	—	—	—
5	5	6	15	—	—	—	—	—	—	—	—	—	—	—
4	4	4	50	—	—	—	—	—	—	—	—	—	—	—
—	—	—	50	50	—	—	—	—	—	—	—	—	—	—
—	—	2	10	10	—	—	—	—	—	—	—	—	—	—
—	—	2	10	30	—	—	—	1	—	—	—	—	—	—
6	—	1	1	2	—	—	—	—	—	—	—	—	—	—
—	—	10	—	50	—	10	—	—	10	50	—	—	—	—
4	—	10	50	100	10	100	2	6	10	20	—	—	—	—
—	—	2	2	10	4	10	2	2	2	10	—	—	—	—
100	100	100	300	300	200	400	10	30	30	10	—	—	—	—

	22	23	24	25	26	27	28	29	30	May, 1901																					
										1	2	3	4	5	6	7	8	9	10	11	12	13									
<i>Catharista atrata</i>	—	20	30	30	30	30	30	30	30	30	100	500	50	100	25-50	100	100														
<i>Certhoides forficatus</i>	2	2	—	—	—	—	—	—	1	—	4	1	—	—	—	—	2	—													
<i>Circus hudsonicus</i>	6	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
<i>Buteo borealis</i>	—	1 ad.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1													
<i>Buteo lineatus alleni</i>	10	12	6	4	—	2	—	—	—	2	10	10	—	—	—	—	2	—													
<i>Ceryle alcyon</i>	6	8	2	2	—	2	2	—	4	2	6	10	—	—	—	—	—	—													
<i>Pendion haliaetus</i>	2	4	2	—	—	1	—	—	2	1	30	30	—	—	—	—	—	1													
<i>Seprum nebulosum alleni</i>	4	2	—	—	1	—	—	—	—	—	2	4	—	—	—	—	—	2													
<i>Meqaseops psio floridanus</i>	2	2	—	—	—	—	—	—	—	—	2	2	—	4	—	—	—	2													
<i>Speotyto floridanus</i>	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
<i>Ceryle alcyon</i>	—	1	—	1	4	2	—	—	—	—	—	—	—	—	—	—	—	—													
<i>Angobale pubescens</i>	2	2	2	2	4	2	2 + 4 yg.	6	6	10	6	10	—	2	—	2	2	4													
<i>Medanipes carolinus</i>	16	10	—	—	—	—	—	—	—	—	6	20	10	50	1	10	10	20													
<i>Colaptes auratus</i>	12	10	2	2	2	2	2	2	2	2	20	50	10	50	—	30	10	30													
<i>Citrostomus carolinus</i>	10	10	4	4	4	4	4	4	4	4	4	6	4	10	2	2	4	6													
<i>Chordeiles virginianus</i>	100	50	50	50	25	50	50	50	50	50	100	200	50	100	20	50	100	200													
<i>Cyanocitta p. florincola</i>	2	2	—	—	—	—	—	—	—	—	7	10	10	20	—	10	20	30													
<i>Corvus americanus floridanus</i>	20	30	6	6	—	—	—	—	—	—	20	30	—	4	—	2	10	10													
<i>Corvus ascyragus</i>	—	10	10	10	10	10	10	10	10	10	15	10	10	4	—	10	30	30													
<i>Agelaius phoeniceus</i>	50	50	50	100	100	200	200	200	200	200	200	200	20	20	—	10	10	30													
<i>Dolichonyx oryzivorus</i>	—	—	—	3	2000	5000	500	500	500	500	500	500	500	20	500	—	—	—													
<i>Sturnella magna</i>	50	100	10	50	10	10	10	10	4	10	50	50	10	30	2	20	50	50													
<i>Leucolus quercus affinis</i>	20	20	—	—	—	—	—	—	—	—	—	—	50	400	20	20	100	100													
<i>Leucolus major</i>	100	200	100	100	50	50	100	100	100	100	100	100	50	100	20	100	100	200													
<i>Ammodramus s. savannae</i>	30	50	—	10	—	—	—	—	4	2	—	10	2	6	—	—	—	—													
<i>" s. parsonianus</i>	10	10	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	6													
<i>Geothlypis georgiana</i>	10	30	—	—	—	—	—	—	1	—	4	10	10	—	—	—	—	—													
<i>Pipilo ery. alleni</i>	20	30	—	20	—	10	—	—	—	—	2	6	—	—	—	—	—	—													

April, 1901.

22 23 24 25 26 27 28

<i>Actitis macularia</i>	—	10	10	10	24	10	10
<i>Cardinalis e.</i>	10	20	32	2	6	10	10
<i>Progne subis</i>	10	10	—	—	—	—	—
<i>Tachycineta bicolor</i>	30	50	500	500	100	100	500 24
<i>Junco ludovicianus</i>	10	10	2	4	4	6	4
<i>Coccothraustes v. borealis</i>	2	2	—	—	—	—	—
<i>Mniotilta varia</i>	10	10	—	—	—	10	—
<i>Prothonotaria citrea</i>	—	—	—	—	—	—	—
<i>Geothlypis americana</i>	50	100	—	—	10	30	—
<i>Dendroica palmarum</i>	4	—	—	1	—	—	—
<i>Dendroica coronata</i>	—	—	—	—	—	—	—
<i>Dendroica virens</i>	—	—	—	—	—	—	—
<i>Dendroica discolor</i>	2	4	—	—	—	—	—
<i>Dendroica caerulescens</i>	10	25	—	—	—	—	—
<i>Dendroica striata</i>	2	10	—	—	—	2	—
<i>Dendroica tigrina</i>	1	12	—	—	—	1	—
<i>Junco aurocapillus</i>	—	—	—	—	—	—	—
<i>Junco naevius</i>	—	—	1	—	1	—	1
<i>Geothlypis trichas</i>	4	10	—	—	4	4	4
<i>Junco polyglottos</i>	20	50	10	20	10	12	10
<i>Salicinctes carolinensis</i>	6	10	—	—	—	6	4
<i>Chrysomitris rufus</i>	—	2	—	—	—	—	—
<i>Thryothorus ludovicianus</i>	2	6	—	—	—	—	—
<i>Pipilo fuscus</i>	—	—	—	—	—	—	—
<i>Polioptila caerulea</i>	2	4	—	—	—	—	—
<i>Tyrannus tyrannus</i>	20	50	20	25	10	20	20
<i>Melospiza cinerea</i>	4	8	2	2	—	—	—
<i>Amphispiza bilineata</i>	1	2	—	—	—	—	—

May, 1901.

29 30 1 2 3 4 5 6 7 8 9 10 11 12 13

20	30	20	100	200	10	20	—	50	20	25				
10	10	10	50	50	10	50	—	25	50	50				
2 nest	2	2	6	50	50	50	50	50	50	50				
500 24	500 24	500 24	500 24	500 24	100 24	50 24	10 24	4 24	—	—				
4	4	4	50	50	10	30	2	20	12	30				
—	—	—	—	10	—	—	—	—	6	2				
4	10	6	—	20	—	—	—	—	20	—				
—	—	—	—	—	—	—	—	—	—	—				
—	—	2	—	100	10	50	—	—	10	—				
4	—	2	—	10	10	10	—	—	—	—				
—	—	—	—	—	—	—	—	—	—	—				
—	—	—	—	—	10	—	10	10	10	—				
—	—	—	—	—	—	1	—	—	10	—				
—	—	4	—	50	10	200	—	4	50	—				
4	50	10	—	100	10	200	—	2	100	—				
—	—	—	—	—	—	—	—	—	—	—				
—	—	—	—	—	—	—	—	—	—	—				
1	10	10	—	2	—	2	—	—	—	—				
2	10	10	10	20	2	10	—	10	20	—				
10	10	10	50	100	10	50	10	50	50	50				
2	4	2	2	4	2	10	—	—	10	2				
—	—	—	—	—	—	—	—	—	—	—				
—	—	—	—	10	2	10	—	—	1	2				
—	—	—	—	—	—	—	—	—	—	—				
—	—	—	—	10	—	10	—	2	—	—				
20	20	20	50	100	10	30	10	20	30	20				
—	—	2	10	20	2	10	2	—	20	4				
—	—	—	—	2	—	—	—	—	—	—				

	22	23	24	25	26	27	28
<i>Setophaga ruticilla</i> ♂	24	24	—	—	—	10	—
<i>Coccyzus americanus</i>	10	10	10	10	6	10	10
<i>Elanus leucurus</i>	—	—	—	—	—	—	—
<i>Trochilus colubris</i>	—	—	—	—	—	—	—
<i>Botaurus exilis</i>	2	2	4	10	10	10	4
<i>Anas discors</i>	4	2	—	—	4	—	—
<i>Tringa melanoleuca</i>	—	—	—	—	—	—	—
<i>Phalacrocorax</i>	—	—	—	2	—	2	2
<i>Tringa minutilla</i>	—	—	—	—	—	—	—
<i>Egialitis vocifera</i>	—	—	—	—	—	—	—
<i>Melanerpes erythrocephalus</i>	—	—	—	—	—	—	—
<i>Porzana carolina</i>	—	—	—	4	—	—	—
<i>Cerythya</i>	—	—	—	—	—	—	—
<i>Halimaeetus leucocephalus</i>	—	—	—	—	—	—	—
<i>Chaetura pelagica</i>	—	—	—	—	—	—	—
<i>Parus bicolor</i>	—	—	—	—	—	—	—
<i>Sialia sialis</i>	—	—	—	—	—	—	—
<i>Dryobates borealis</i>	—	—	—	—	—	—	—
<i>Sitta pusilla</i>	—	—	—	—	—	—	—
<i>Vireo olivaceus</i>	2	4	2	—	—	—	2

	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13
	—	—	4	10	200	10	100	—	—	50	—				
	4	4	6	50	100	4	20	2	10	20	10				
	—	—	—	—	—	—	—	—	—	—	—				
	—	—	—	—	—	—	—	—	—	—	—				
	4	4	2	4	—	—	—	—	—	—	—				
	—	—	—	—	—	—	—	—	—	—	—				
	—	—	2	30	30	2	4	—	—	—	—				
	—	—	2	50	20	—	—	—	—	—	—				
	—	—	—	6	4	—	—	—	11	6	—				
	—	—	—	2	2	4	10	—	6	10	10				
	—	—	—	—	—	—	2	—	—	—	1				
	—	—	1	10	6	—	—	—	—	—	—				
	—	—	—	1	—	—	—	—	—	—	—				
	—	—	—	2	—	—	—	—	—	—	—				
	—	—	—	—	1 st seen	—	20	—	100	200	500				
	—	—	—	—	—	—	2	—	—	2	—				
	—	—	—	—	—	2	10	—	4	4	10				
	—	—	—	—	—	—	10	—	20	10	20				
	—	—	—	—	—	—	10	—	10	10	20				
	—	—	—	2	10	2	10	2	10	10	2				

Kissimmee, Osceola County,

4903	<i>Lepus sylvaticus floridanus</i>	Jan 21	♀ ad.	430	67	91
4906	<i>Sigmodon hispidus</i>	"	♂ ad.	235	92	95
4907	"	Jan. 22	♂ im.	211	84	87
4908	"	"	♀ ad.	254	96	100
4909	"	"	♂	231	90	93
4910	"	"	♂ ad.	240	100	103
4911	"	"	♀ ad.	230	90	93
4912	"	"	♂	226	96	99
4913	<i>Mus rattus</i>	"	♂ juv.	303	167	170
4914	<i>Sigmodon hispidus</i>	January 23, 1901.	♀ juv.	260	86	89
4915	"	"	♀ juv.	193	77	80
4916	"	"	♂ ad.	311	133	142
4917	"	"	♀ ad.	273	110	113
4918	"	"	♀ ad.	260	104	108
4919	"	"	♂ ad.	256	105	109
4920	"	"	♂ ad.	234	85	89
4921	"	"	♀ ad.	233	93	97

Florida. January 21, 1901.

Head	Foot	Head	Ear	Cr.	Ear	Length	Birth
95	82	75	63	mm.	A double uterus contained	2 young nearly ready for	birth.
30	38	13	18				
29	37	13	18				
32	41	14	19				
32	37	13	18.5				
32	40	13	19				
30	36.5	14	20				
30	38	13	17				
34	40	16.5	21				

4914	<i>Sigmodon hispidus</i>	January 23, 1901.	♀ juv.	260	86	89
4915	"	"	♀ juv.	193	77	80
4916	"	"	♂ ad.	311	133	142
4917	"	"	♀ ad.	273	110	113
4918	"	"	♀ ad.	260	104	108
4919	"	"	♂ ad.	256	105	109
4920	"	"	♂ ad.	234	85	89
4921	"	"	♀ ad.	233	93	97

29							
27.5							
35	47	15.5	20				
32	41.5	14.5	20				
32	40	14	20		Preserved in formalin.		
32	41	14.5	20				
30	37	14	20				
30	37	14	19.5				

4922	<i>Sigmodon hispidus</i>	January 24, 1901.	♀ ad.	236	96	100
4923	"	"	♂ ad.	242	99	103
4924	"	"	♀ ad.	251	97	100
4925	"	"	♀ ad.	275	112	115
4926	"	"	♀ ad.	250	106	109
4927	<i>Reithrodontomys beanti dickinsoni</i>	"	♀ ad.	135	62	64
4928	<i>Lepus (Lunulagus) palustris palustris</i>	"	♀ ad.	390	58	77
4929	<i>Sigmodon hispidus</i>	"	♂ immature			
4930	"	"	♀ ad.	Very large.		

31	37	14	19.5				
31	39	13	19				
33	41	15	20				
33	42	14	20				
32.5	39.5	13	19				
16	22.3	8	11				
82	82	53	47				
					Preserved in formalin.		
					do		

Kissimmee, Osceola County,

January 25, 1901.

	Sex and age	Length	Tail vert.	Tail hairs
4931	<i>Oryzomys palustris natator</i>	♀	245	127 131
4932	<i>Peromyscus gossipinus palmarum</i>	♂	158	64 67
4933	<i>Reithrodontomys leontlii dickinsoni</i>	♂ ad.	130	60 62
4934	<i>Sigmodon hispidus</i>	♀ ad.	286	124 127
4935	"	♀ juv.	224	84 -
4936	"	♀ juv.	225	90 -

January 26, 1901.

4937	<i>Sigmodon hispidus</i>	♂ juv.	220	92 95
4938	"	♀ juv.	224	85 88
4939	"	♂ juv.	216	85 89

January 27, 1901.

4940	<i>Sigmodon hispidus</i>	♂ juv.	215	82
4941	"	♀ juv.	223	94

January 28, 1901.

4946	<i>Didelphis virginiana pigra</i>	ad.	Skull found.	
4942	<i>Blarina floridana Merriam</i>	♀ ad.	94	23 25
4943	<i>Sigmodon hispidus</i>	♂ ad.	242	95 98
4944	"	♀ ad.	247	102 106
4945	"	♂ ad.	262	104 108

January 29, 1901.

4947	<i>Sigmodon hispidus</i>	♀ ad.		
4948	<i>Peromyscus gossipinus palmarum</i>	♀ ad.	187	77 83
4949	"	♀ juv.	153	61 -

January 30, 1901.

4950	<i>Blarina (Cryptotis) floridana</i>	♀ ad.	90	23 25
4951	<i>Reithrodontomys leontlii dickinsoni</i>	♀ ad.	134	59 62
4952	<i>Sigmodon hispidus</i>	♀ ad.	271	104 108

Florida.

Hind foot	Head	Ear above crown	Ear above notch	Remarks
32.5	35; 11	; 15		Caught under bank beside a weedy ditch.
23	30; 11	; 16.5		Under board fence, edge of broom-sage field.
16.7	22; 8	; 11.5		Caught in a thicket of broom-sage.
31	42; 15	; 20		do
30.5				do
30				do
31				do
30				do
29				do
29				do
11.6	22.5			Trapped with <i>Sigmodon</i> , etc. in broom sage patch.
30	38	14; 18		do
30.5	39; 14; 18			do
31	42.5; 14; 18			Trapped in marsh at edge of cypress swamp.
23	31	14; 18		Mammal 1-0-2. do
23				do
11	21.5			
15	22; 7.5; 11			Mammal 1-0-2.
32	43; 13; 18			

Kissimmee, Osceola County,

(January 30-1901—Concluded)

					Testis	Testis
					rest	hairs
4953	<i>Sigmodon hispidus</i>	♀ ad.	225	87	90	
4954	"	♀ ad.	214	80	83	

January 31, 1901.

4955	<i>Sigmodon hispidus</i>	♂ ad.	306	128	133	
4956	"	♀ ad.	300	121	124	
4957	"	♂ ad.	282	111	114	
4958	"	♂ im.	236	89	—	
4959	"	♂ juv.	228	90	—	
4960	<i>Peromyscus gossypinus palmarum</i>	♂ ad.	163	65	68	
4961	"	♀ juv.	151	59	—	
4962	"	♀ juv.	150	60	—	
4963	<i>Neotoma floridana</i>	♀ ad.	390	186	190	

February 1, 1901.

4964	<i>Blarina brevicauda pennsylvanica</i>	♂ ad.	104	24	28	
4965	<i>Peromyscus gossypinus palmarum</i>	♂ ad.	167	70	74	
4966	"	♀ ad.	187	78	82	
4967	"	♂ ad.	188	74	48	
4968	<i>Sigmodon hispidus</i>	♂ ad.	273	100	105	

February 2, 1901.

4969	<i>Lepus (Sturnellanus) palustris paludicola</i>	♂ ad.	410	49	40	
4970	<i>Sigmodon hispidus</i>	♂ ad.	300	115	120	
4971	"	♀	237	91	95	
4972	"	♀ juv.	245	93	96	
4973	"	♂ ad.	278	109	113	
4974	<i>Peromyscus gossypinus palmarum</i>	♂ ad.	171	66	70	
4975	<i>Sigmodon hispidus</i>	♂ ad.	279	123	127	
4976	"	♂ ad.	268	106	110	

Florida.

Head	Ear	Ear	Ear
front	height	from	notch

30	39	13	18.5
27	36	13	18.5

32	46	15	20.
----	----	----	-----

32	45	15	20.
----	----	----	-----

30	43	14	19.
----	----	----	-----

30.

28.5.

22	30	14	19.
----	----	----	-----

22.

21.5.

37	57	21.5	28.5.
----	----	------	-------

Two large testicles.

Mammalae 0-0-2

13.8	25.5	Penis with prepuce extended, 60 mm.!
------	------	--------------------------------------

22	30	13.5	17.	Sexual organs highly developed
----	----	------	-----	--------------------------------

24	33	14	18.	Mammalae 1-0-2 One testis.
----	----	----	-----	----------------------------

23	33	13.5	18.	Wooded edge of cypress swamp
----	----	------	-----	------------------------------

33.5	42	14.5	20.	On single leaf.
------	----	------	-----	-----------------

91	85	62	54
----	----	----	----

32	46	16	21
----	----	----	----

30.5	41	14	19.
------	----	----	-----

30	40	14	19.
----	----	----	-----

32	45	15	20.
----	----	----	-----

21.5	32	14	18.
------	----	----	-----

32	42	14	19.
----	----	----	-----

31.5	42.5	13.5	18.
------	------	------	-----

Preserved in formalin.

Kissimmee, Osceola County,

February 3, 1901.

4977 *Cryzomys palustris natator*.

♂ ad. 264 126 132

4978 *Sigmodon hispidus*.

♂ ad. 285 112 115

4979

"

"

♀ juv.

February 4, 1901.

4980 *Procyon lotor elucens*

♀ ad. 775 270 317

4981 *Didelphis virginiana pigra*

♂ ad. 980 425

4982 *Lepus palustris paludicola*

♂ ad. 915 61 80

4983 *Cryzomys palustris natator*

♀ ad. 152 130 135

4983 *Sigmodon hispidus*4984 *Sigmodon hispidus*

♀ juv. 230 86 —

4985

"

"

♂ ad. 304 124 128

4986

"

"

♂ ad. 285 110 114

4987

"

"

♂ ad. 294 110 113

4988

"

"

ad.

4989

"

"

♂ ad.

February 5, 1901.

4990 *Sigmodon hispidus*.

♂ ad. 285 105 108

4991

"

"

♂ ad. 290 117 121

4992

"

"

♂ ad. 275 104 109

4993 *Blarina (Cryptotis) floridana*.

♀ ad. 88 19.5 21

4994 *Reithrodontomys lecontei dickinsoni*

♂ 119 51 53

February 6, 1901.

4995 *Sigmodon hispidus*

♂ im.

4996

"

"

♂ ad. 264 107 110

4997

"

"

♀ im. 135 90 93

4998 *Blarina (Cryptotis) floridana*.

♂ ad. 81 18 20

4999

"

"

♀ ad. 85 19 22

Florida.

34 36.5; 10; 15. Trapped under log in cypress swamp

31 42 13.5; 18.5.

Preserved in Formalin.

113 128; 52; 54. Trapped on Shingle Creek.

79 149; 43; 57. Weight 7 lbs.

89 85 63; 52.

31 36; 10.5; 15.

31. 78

33 43; 14; 19.5.

34 43 13.5; 19.

32 47 14; 20.

Preserved in formalin. Tail defective
do do

32.5 45; 14; 19.5.

32 44 14; 19.

31.5 43; 14; 19.

11.5 21. ~~15~~

15 20.5; 7; 10.5.

Preserved in formalin.

32 42; 14; 19.

29.

11 20.5.

11 21.

Canal between Lakes Tohopekaliga
and Cypress, Florida.
February 11, 1901.

No.	Name of species	Sex Age	Length	Tail Ext.	Tail Hair
5000	<i>Procyon lotor elueus</i> .	♀	715	250	275
45001	<i>Lepus floridanus</i> .	♂ ad.			
45002	<i>Lutra hudsonica vaga</i> Bangs.	ad.			
45003	<i>Procyon lotor elueus</i> .				
February 13, 1901. Oak Beach, Lake Hatch -					
5004	<i>Peromyscus gossipinus palmarum</i>	♂ ad.	166	66	70
	<i>Neotoma floridana</i> - Mr. James Hancock				
	about 6 feet in diameter, composed of sticks.				
	The nest was built upon a floating island				
	by climbing on the limbs of a myrtle tree				
	on the island, which is about 50 x 100 ft.				
February 14, 1901. Oak Sand-Ridge, Lake Hatch -					
5005	<i>Peromyscus gossipinus</i> (gray phase)	♀ ad.	173	71	75
5006	" " <i>palmarum</i> (red ")	♂ ad.	177	71	75
5007	<i>Sequiodon hispidus</i> .	♀ juv.	212	85	88
February 15, 1901. Camp on Catfish Creek,					
5008	<i>Sciurus carolinensis</i>	♀ ad.	432	200	262
45009	" "	♂ ad.	444	213	300
45010	" "	♂ ad.	440	208	290
February 16, 1901. Camp on Catfish Creek,					
5011	<i>Sciurus carolinensis</i>	♂ ad.	445	210	273
5012	" "	♂ ad.	415	190	255
5013	<i>Peromyscus gossipinus palmarum</i>	♀ im.	152	61	-
5014	<i>Mephitis mephitis elongata</i> .	♀	Shot feeding,		
5015	<i>Didelphis virginiana pigra</i>	♂ ad.	770	320	-
5016	" "	♂ ad.	850	380	-
5017	<i>Lepus floridanus</i> (Allen).	♀ juv.	340	-	-
5018	<i>Mephitis elongata</i> .	♂ ad.	705	332	418

Head Foot	Head	Ear Crown	Ear Notch	Remarks
117.	140	53	56.	
Preserved in formalin. Skull found at Lake Cypress, mouth of canal.				
- ne-haw, Florida.				
22.5	31.5	14	18.5.	Gray pelage. Sexual organs large.
took me to a nest measuring 4½ feet in height by				
We kept a fore-foot taken Febr. 12, 1891, in one of his traps.				
in Hatch-ne-haw Marsh, and can only be reached				
Elder, grape, white bay, and red-berried trees grow on				
ne-haw, Ocala County, Florida.				
27	32	12	17.	Contained 5 large fortresses.
22	32	13	17.	
29.				Mammae 1-0-2, well developed.
Ocala County, Florida. Sawgrass Island.				
60	62	21	29.	
58	63	20	28.	
58	64	20	28.	
Ocala County, Florida. Sawgrass Island.				
59	60	20	28.	
57	60	18	26.	
22.3				
at noon. Buzzards ate it. Skull, only, preserved.				
61	122	44	54.	Weight 3 lbs.
75	136	48	52.	" 5 "
76	70			White spot on crown.
72	92	13	29.	Shot with head-light at night. Shot stripe

February 17, 1901.

Camp on Catfish Creek, Polk

5019	<i>Sciurus carolinensis</i> .	♀ ad.	450	220	182
5020	<i>Lepus floridanus</i>	♂ ad.	420	60	77
5021	<i>Didelphis virginiana</i> <i>pugra</i> .	♀	685	285	61
5022	<i>Procyon lotor</i> <i>elueus</i> .	♂ ad.	810	250	300
February 18, 1901. Camp on Catfish Creek,					
5023	<i>Peromyscus gossypinus</i> <i>palmarum</i>	♀ ad.	175	63	68
5024	<i>Sciurus carolinensis</i>	♂ ad.	420	190	255
5025	" "	♂ ad.	430	195	260
5026	<i>Procyon lotor</i> <i>elueus</i> .	♂ ad.	795	275	313
5027	<i>Didelphis virginiana</i> <i>pugra</i> .	♀ ad.	775	350	—
5028	<i>Mephitis elongata</i> .		740	335	440
February 19, 1901. Camp on Catfish Creek,					
5029	<i>Sciurus carolinensis</i>	♂ ad.	410	200	257
5030	<i>Peromyscus gossypinus</i> <i>palmarum</i>	♀ ad.	188	77	81
5031	" " "	♂ ad.	173	69	74
5032	" " "	♂ ad.	183	73	78
5033	<i>Procyon lotor</i> <i>elueus</i> .	♀ ad.	760	245	275
5034	" " "	♂ juv.	Young of		
5035	" " "	♂ ad.	790	240	275
5036	<i>Lepus (Sylvilagus) palustris</i> <i>paludicola</i>	♂ ad.	410	42	65
February 20, 1901. Camp on Sawgrass Island,					
5037	<i>Lepus floridanus</i>	♀ ad.	410	60	81
5038	<i>Procyon lotor</i> <i>elueus</i> .	♂ ad.	850	280	300
5039	" " "	♂ juv.	720	255	280
5040	<i>Didelphis virginiana</i> <i>pugra</i> .	♀ ad.	770	350	—
5041-44	" " "	fortunes of air			
5048	<i>Peromyscus gossypinus</i>	♂ im.	164	70	—
5049	" " "	♂ juv.	137	55	—

County, Florida.

59	62	19; 28.	3 specimens (Nos. 5011, 5012, 5019)	weigh together	2 $\frac{1}{4}$ lbs.
94	84	78; 64		Weight	2 $\frac{1}{4}$ lbs.
104	—	42.5; 50.		"	2 $\frac{1}{4}$ "
125	145	47; 58.	As penis preserved.	"	11 "
(Polk County, Florida. Sawgrass Island.					
22	32	13; 17.	Dropped under palm trees.	Mammæ	$\frac{1-0-2}{1-0-2}$
59	64	22; 31.			
60	63	19; 27.	Preserved in formalin.		
126	142	57; 63.	Skin in formalin.	Weight.	10 lbs.
68	129	52; 54.	Preserved, entire, with 7 small fortunes, in formalin.		
76	95	74; 28.		Weight	3 lbs.
Polk County, Florida. Sawgrass Island.					
55	59	21; 29.	Ears very pointed.		
22	34	14; 18.			
21	31.5	13; 17.			
22.5	33	15.5; 18.			
123	140	55; 58.		Weight	7 $\frac{3}{4}$ lbs.
the year, not measured. As penis preserved.					
125	147	53; 63.		Weight	11 lbs.
85	81	57; 51.		"	2 $\frac{1}{4}$ lbs.
Catfish Creek, Polk Co., Fla.					
88	84	71; 60.			
127	147	56; 60.		Weight	12 lbs.
119	140	50; 57.	As penis preserved.	"	8 "
65	124	51; 54.		"	4 "
female. Preserved in formalin.					
22.	Brown coat				
21	Gray coat				

February 21, 1901.
Camp on Sawgrass Island,

5050	<i>Procyon lotor elucus</i> .	♂ ad.	800 260 290
5051	" " "	♀ ad.	755 250 280
February 22, 1901. Camp on Catfish Creek.			
5052	<i>Sciurus carolinensis</i> .	♀ ad.	436 203 288
5053	<i>Peromyscus gossipinus</i>	♀ ad.	Pregnant.
5054	" "	♂	Brown pelage
5055	" "	♂ im.	" "
5056	" "	♀ juv.	Gray pelage
5057	<i>Procyon lotor elucus</i>	♀	670 230 265
5058	<i>Sciurus niger</i> Linne.	♂ ad.	650 310 435
5059	" "	♂ ad.	662 330 432
February 23, 1901. Camp on Catfish Creek.			
5060	<i>Procyon lotor elucus</i>	♂ ad.	810 263 310
5061	<i>Peromyscus gossipinus</i>	♀ im.	
5062	<i>Mephitis elongata</i> .	♂ ad.	692 320 450
February 24, 1901. Camp on Catfish Creek.			
5063	<i>Mephitis elongata</i> .	♀ ad.	640 295 380
5064	<i>Didelphis virginiana pigra</i>	♀ ad.	Eaten in trap
5065	<i>Peromyscus gossipinus</i>	♂ im.	
5066	<i>Didelphis virginiana pigra</i>	♂ ad.	810 340 —
5067	<i>Procyon lotor elucus</i> .	♀ ad.	770 235 275
5068	" "	♀ juv.	745 255 300
February 25, 1901. Camp on Catfish Creek.			
5069	<i>Peromyscus gossipinus</i>	♀ im.	
5070	<i>Mephitis elongata</i> Bangs	♀ ad.	680 320
February 26, 1901. Camp on Catfish Creek.			
5071	<i>Sciurus niger</i> Linne.	♂ ad.	650 310 420

Catfish Creek, Polk Co., Fla.

126 155 59; 65.	Weight 10 lbs.
122 142 49; 59	" 8 "
Sawgrass Island, Polk Co., Fla.	
59 64; 22; 30. Embryonated Mammæ 5 pairs. Has suckled.	
172; 75; 80; 22; 29; 14; 18.	
Small size! Preserved in formalin.	
"	
120 130; 49; 58.	Weight 6½ lbs.
90 84 20; 32.	" 3 "
82 84 17.5; 32.	" 3 "
Sawgrass Island, Polk Co., Fla.	
129 153; 53; 61.	Weight 11 lbs.
Preserved in formalin.	
73 93 13; 26.	Weight 3½ lbs.
Sawgrass Island, Polk Co., Fla.	
65 85 13; 26.	Weight 2 lbs.
By Buzzards. Skull, only, preserved.	
Preserved in formalin.	
73 133 47; 54.	Weight 5 lbs.
117 142 50; 60.	Weight 10 lbs.
122 140 52; 60.	Weight 9½ lbs.
Sawgrass Island, Polk Co., Fla.	
Preserved in formalin.	
435 72; 89; 14; 27. Mammæ 5 pairs. Weight, 2½ lbs.	
Sawgrass Island, Polk Co., Fla.	
90 84 17.33.	Weight 3 lbs.

February 27, 1901.

Shell Hammock, Kissimmee River,

5072 *Sciurus niger* Linnaeus. ♂ 612 295 385

February 28, 1901. Camp at Shell Hammock

5073 *Sciurus niger* Linnaeus. ♂ ad. 615 300 412

The following skulls were found about

5074 *Lutra canadensis* *hudsonia* *vaga* Bangs.

5075 " " " "

5076 *Didelphis virginiana* *pugra* "5077 *Lepus (sylvaticus) palustris paludicola*.5078 *Procyon lotor* *elucus* Bangs.

5079 " " " "

5080 " " " "

5081 " " " "

5082 " " " "

5083 " " " "

5084 " " " "

5085 " " " "

5086 " " " "

5087 " " " "

5088 " " " "

5089 " " " "

5090 " " " "

5091 " " " "

5092 " " " "

March 2, 1901. Camp at Shell Hammock

5093 *Lepus floridanus* Do not enter ♀ ad. 420 70 92

5094 " " ♂ ad. 400 56 77

5095 " " ♂ ad. 390 66 88

Fla.

86 82 19; 32.

Kissimmee River, Florida.

83 82 21; 30. Shot in nest

trappers' camps on Lake Hatch-me-haw, ~~Florida~~ Fla.

Damaged and weathered skull.

do

do

do

do

do

do

do

do

Perfect skull.

Damaged and weathered skull.

do

do

do

do

do

do

do

do

Back Co., Fla. (Kissimmee River).

92 83 80; 65 Eaten by buzzards. Do not enter Weight 3 lbs.

89 83 76; 62.5 " 2 ³/₄ "89 76 68; 56. " 2 ¹/₄ "

118 March 11, 1901.

Fort Gardner, one mile below Shell Hammock,

5119	<i>Peromyscus floridanus</i>	♂	185	81	84
5120	"	♂ ad.	197	88	91
5121	"	♂ juv.	179	81	84
5122	"	♀ juv.	182	77	—
5123	<i>Neotoma floridana</i>	♂ ad.	385	180	186

March 12, 1901. Fort Gardner, etc. Fla.

5124	<i>Sciurus Carolinensis</i>	♀ juv.	400	203	—
5125	"	♀ juv.	385	195	—
5126	<i>Peromyscus floridanus</i>	♂ ad.	191	84	87
5127	"	♂ ad.	192	83	86
5128	"	♀ ad.	200	85	88
5129	<i>Neotoma floridana</i>	♂ juv.	270	115	—

March 13, 1901. Ft. Gardner, etc. Fla.

5130	<i>Peromyscus floridanus</i>	♀ ad.	198	87	90
5131	"	♀ juv.	140	55	—
5132	"	♀ ad.	221	95	98
5133	"	♂ ad.	182	76	79
5134	<i>Sciurus niger</i>	♂ ad.	620	313	432
5135	<i>Lepus floridanus</i>	♂ ad.	440	75	100

March 14, 1901. Fort Gardner, Fla., etc.

5136	<i>Neotoma floridana</i>	♀ ad.	335	139	143
5137	"	♂ juv.	335	146	150
5138	<i>Peromyscus floridanus</i>	♂ ad.	190	83	86
5139	"	♂ ad.	199	86	89
5140	"	♀ ad.	201	83	86
5141	"	♀ ad.	190	84	87

March 15, 1901. Fort Gardner, Fla., etc.

5142	<i>Neotoma floridana</i>	♂ juv.	—	—	—
------	--------------------------	--------	---	---	---

119

on the Kissimmee River, between lakes Hatchuehau & Kissimmee

27	34	16; 20.5.
26	34	18.5; 22.
24		
26		
36.5	56	21; 26.

56		
55		
26	35	18; 22.
26.5	35	19; 22.
27	35.5	18; 22.
34		

26	34	19; 22.
----	----	---------

22.5. Lute young. All gray.

27.5 37 21; 25. Iris very dark brown.

26	34	19; 22.5.
----	----	-----------

86	81	21; 32
----	----	--------

97 81 76; 65. Preserved entire in formalin. Wt. 2 1/2 lbs. Weight, 2 1/2 lbs.

36.5 55 23; 17. Troph banded with sweet potato. Has suckled. 38 53 20; 27. Immature pelage (grayish). Bait, oatmeal.

27	34	18; 22.
----	----	---------

26.5	34	19; 23.
------	----	---------

26.5	36	18; 22.
------	----	---------

26.5	34	18; 22.
------	----	---------

Preserved in formalin.

Fort Gardner, Kissimmee River to

5143 *Peromyscus floridanus*

♀ juv

Grav

5144

"

"

♂ im.

5145

"

"

♂ ad.

5146

"

"

♀ ad.

March 16, 1901. Lake Kissimmee, Florida.

5147 *Peromyscus gossypinus palmarum*

♂ ad.

183 76 80

5148

"

"

♂ juv.

162 63 —

5149 *Sciurus carolinensis*

♂ juv.

277 184 —

5150 *Procyon lotor elueus*

♀ ad.

March 17, 1901. Lake Kissimmee, Florida.

5151 *Sciurus niger*. Mammary 4 pairs.

♀ ad.

622 305 420

March 19, 1901. Lake Kissimmee, Florida.

5152 *Peromyscus gossypinus palmarum*

♂ ad.

181 77 80

March 21, 1901. Lake Kissimmee, Fla.

5153 *Neotoma floridana*

♂ juv.

Skull

5154 *Procyon lotor elueus*.

5155

"

"

5156

"

"

5157

"

"

5158 *Lynx ruffus floridanus* (Rafinesque)

5159

"

"

5160 *Procyon lotor elueus*

5161

"

"

5162

"

"

5163

"

"

5164 *Didelphis virginiana pigra*.

5164a

Scus serosa (fetal)

♀ im.

5165

"

"

♂ im.

coat

Preserved in formalin.

23 31 13.5 18.5

22.5

56

Caught on a sand beach, in traps set about the roots of old ^{live} oak-trees.Mammie $\frac{3}{3}$.

Weight lbs.

88 81 16; 30

Wt. 3 lbs.

23 33 13.5 18.

only, in formalin. Eaten in trap.

Weathered skull. One tooth (lower incisor) missing.

" "

" "

" "

" "

Broken.

" "

" "

" "

Perfect. Mandible gone.

" "

" "

" "

" "

" "

March 22, 1901.
Lake Kissimmee, Florida.

5166	<i>Sus scrofa</i> (feral)	♂ ad. Jaw
5167	" " "	♀ im. Mandi
5168	<i>Odocoileus osceola</i> (Baird)	♂ ad. Horns,
Monday, March 25, 1901. Lake Kissimmee		
5169	<i>Mephitis elongata</i> Bangs	♂ ad. A large adult
5170	" " "	♂ ad. "
Tuesday, March 26, 1901. Lake Kissimmee,		
5171	<i>Mephitis elongata</i> Bangs.	♀ ad. Shot 2 P.M.
5172	" " "	♂ ad. Shot before
5173	" " "	♂ ad. Skin & skull
along sides of belly & white spots in median line only, of black in median line above posterior,		
5174	<i>Lepus floridanus</i> Allen.	♂ ad. 375 55 75
5175	" " "	♀ ad. 433 53 73
5176	" " "	♀ ad. 425 75 100
5177	" " "	♀ ad. 415 58 78
5178	" " "	♀ ad. 398 53 73
March 27, 1901. Lake Kissimmee, Fla.		
5179	<i>Sciurus niger</i> .	♂ im. 630 323
5180	" " "	♀ im. 600 300 375
March 28, 1901. Lake Kissimmee, Fla.		
5181	<i>Citellus</i>	♀ ad. 130 58
5182	" " "	♀ ad. 126 53
5183	" " "	♀ ad. 129 52
Sunday March 31, 1901. Lake Kissimmee,		
5184	<i>Sciurus niger</i> Has suckled.	♀ ad. 625 305 435
5185	<i>Mephitis elongata</i>	♂ ad.
Friday, April 5, 1901. Camp at Long Cabbage Palm		
5186	<i>Procyon lotor elucus</i>	♀ ad. 725 228 245

with all the teeth. Weathered skull, only
-ble gone. " " "

Florida

Stripes broad, whole length of beast. Skull, only, preserved.

Florida

feeding in sunlight. Striped for whole length. Skull, only, preserved. Stripes only 4 inches & narrow. do
preserved. Nearly all white above; 2 rows of spots
of belly. Upper side of tail all white. A trace,

90	86	71; 66.	Skeletonized. Metal tray.	5894	✓	Weight 2 ³ / ₄ lbs.
92	91	78; 63.	2 footm.	5895	✓	Weight of
95	80	78; 66.	"	5896	✓	4 bundles
93	81	77; 59.	3 footm.	5897	✓	together
93	85	75; 63.	2 footm.	5898	✓	12 lbs.
415	90	81; 20; 33.	"			Weight 2 ¹ / ₂
85	80	21; 33.	"			" 2 ¹ / ₂
			"			" 7

	380	100;	22.5;	8.5
Alar expanse	365;	longest finger, 97;	head, 22.5;	ear, 9
"	370;	"	97	22.5; ... 9.5.

Florida. Stomach distended with mushrooms.
88 84; 20; 32. Mammary 4 pairs Weight 3 lbs

Skull, only, preserved.
ette, Kissimmee River, Fla. miles below L. Kiss.
121/38 49; 61. Wt. 9 lbs.

Saturday, April 6, 1901.
 Lone Cabbage, Palmetto, Kissimmee River, 10 m.

- 5186 *Nyctinomus cynocephalus* ^{ad.} ^{exp.} ♂ ad. 90 34 291
 5187 *Lymnolagus palustris palustris* ♂ ad. 430 40 57
 Tuesday, April 9, 1901. Alligator Bluff,

- 5188 *Odocoileus osceola* ♂ ad. Contained in
 tip of nose to end of caudal vertebrae, in straight
 base of ear, 250; to tip of ear, 420; to occiput
 Ear, height above crown, 142; height above
 of eye, 25; distance between eyes, 82. Height
 from head of humerus to head of femur, 680
 greatest width of outspread hair, 225. From
 to end of hoof, 560; manus, 315. From
 to end of hoof, 650; pes, 420. Girth
 taken between eyes and ears, 372.

- 5189 *Odocoileus osceola* ♂ fetus 575 115 130
 Monday, April 15, 1901. Padgett Island,

- 5190 *Lutra ludovicianae* ^{ad.} ♂ ad. Part of
 Tuesday, April 16, 1901. Blue Cypress Creek,

- 5191 *Sciurus carolinensis* ♂ ad. 465 208 172
 5192 " " ♂ ad. — — —
 5193 " " ♂ ad. 435 205 246
 5194 " " ♂ ad. 435 204 277
 5195 " " ♂ ad. 457 212 275
 5196 " " ♂ ad. 453 209 275
 5197 " " ♂ ad. 427 180 240
 5198 " " ♂ ad. 450 211 275
 5199 " " ♂ ad. 453 210 275
 5200 " " ♂ ad. 457 213 280

Blue Lake Kissimmee.

- l. fin. 78 21 12; 16.5 (bare and tapers). A dozen seen at dusk.
 86 89 58; 52. Iris dark brown. Wt. 4 lbs.
 Kissimmee River, Florida.

fully-grown male fetus (No. 5189). Distance from
 line, 1420; to angle of mouth, 88; to eye, 162; to
 (head), 290; to end of outstretched hind limbs, 1975
 notch, 132; width following curve, 100. Diameter
 of animal at shoulder, 810; at hip, 910. Distance
 Tail vertebrae, 270; tail to end of hairs, 342; tail
 head of humerus to end of hoof, 660; from olecranon
 head of femur to end of hoof, 850; from patella
 of chest, 760; girth of neck, 260; girth of head,
 Estimated weight, as killed 75 lbs.

vertebrae preserved, along with male fetus (No. 5189)
 220 137 80; 75. Progeny of No. 5188. Weight 5 lbs.
 Brevard Co., Florida.

- skull.
 Osceola Co., Florida.
 59 64 24; 30. Has suckled. Mammary 4 pairs.
 58 63 22; 29. " " End of tail from
 60 63 22; 30. Very old. } These 4 together weigh 4 lbs. Tail defective
 61 62 20; 31. " } " perfect
 62 64 22; 32. " }
 61 65 22; 31. " }
 60 64 22; 32. Youngish " "
 61 62 20; 30. Very old. " "
 61 64 22; 32. Has suckled. " "
 61 63 21; 32. Very old. Shot on Padgett Id. Brevard
 Co., Fla. Tail perfect. Wt. 12 oz. Co.

Boat Landing Mound, Blue Cypress Lake.

April 17, 1901.

5201 <i>Sciurus carolinensis</i>	End 440 708 260
Padgett Creek, Brevard County, Fla.	
5202 <i>Sciurus carolinensis</i>	ad. Tail defective
Padgett Creek, Brevard Co., Fla. April	
5203 <i>Sciurus niger</i>	ad. 600 230 400
April 21, 1901. Olney P. O., Brevard	
5204 <i>Sciurus niger</i>	ad. 600 305 425
5205 <i>Odocoileus oecola</i>	ad. (Horn a week old)
5206 " "	3 juv.
Measurements of the two above:	No. 5205 No. 5206
Tip of nose to angle of mouth	85 86
eye	160 157
base of ear	250 250
tip of ear	435 410
occiput	290 285
end of caudal vertebrae	1510 1470
end and stretched hind limb	1970 1855
Height of animal at shoulder	770 770
hip	880 880
Distance along side from gt. trochanter to head of humerus	730 680
Girth of head between eyes and ears	315 340
neck	250 260
chest.	735 670
Distance between eyes	85 85
Diameter of eye	25 25
Ear height above crown	148 163
notch	142 146
width following curve	110 110
Tail from root to end of white ring	230 260

Continued next page (127).

5263 24; 33. Iris dark brown.

April 18, 1901.

61 64 20; 31. Mammæ 4 pairs, Pleading on cypress balls.

19, 1901.

86 79 18; 30. Soles of feet purplish black. Mammæ 4 pairs. Has nursed. Weight 3 pounds.

Co., Fla.

83 77 19; 30. Mammæ 4 pairs. Has suckled. Weight 8 lbs.

Tail from root to end of hairs	305	310
width of expanded hairs	240	235
Fore limb from coracoid to end of hoof	620	660
" olecranon "	515	543
" wrist joint "	305	315
Hind limb from great trochanter to end of hoof	785	785
" patella "	630	610
" heel "	450	422
Length of metatarsal gland	22	

Note: - Skins, skulls, and caudal vertebrae of these two deer were preserved.

128 Thursday, April 25, 1901.

Alligator Bluff, Kissimmee River, Florida

5207	<i>Odocoileus ozeola</i> (Bangs)	♂ ad.	Skull found
	east of Alligator Bluff.		
5208	<i>Cryzomys palustris natator</i> Chapm.	♀ juv.	174 58
5209	<i>Lutra hudsonica vaga</i> Bangs.	♂ ad.	Skeleton found
	Olney P.O., Brevard County, Florida.		
	from Deer killed around Olney P.O., by Mr. John		
5210	<i>Odocoileus ozeola</i> Bangs.	♂ ad.	Very large.
5211	" " "	♂ ad.	
5212	" " "	♂ ad.	
5213	" " "	♂	3-point horns.
5214	" " "	♂ ad.	Large.
5215	" " "	♂ ad.	Horns in
5216	" " "	♂ ad.	Large.
5217	" " "	♂ ad.	Medium size
5218	" " "	♂ ad.	Large
5219	" " "	♂ im.	3-point
5220	" " "	♂ im.	3 "
5221	" " "	♂ juv.	Spike and 2-ft

Kissimmee Prairie 7 miles east of Alligator

5222 *Odocoileus ozeola* Bangs. ♂ ad. 2 and 3-point horns. Killed by Mr. Perry Padgett who said it was a very large, old buck. Horns and Indian Mound at Blue Cypress Lake, Oseola County, Fla.

5223 *Procyon lotor elucus* Bangs. juv. Skull found April 27, 1901. Alligator Bluff, Kissimmee River

5224 *Limnodynastes palustris paludicola* ♂ ad. 425 58 80

5225 " " " ♂ im. Mature, part

Monday April 29, 1901. Alligator Bluff, Kissimmee River

5226 *Cryzomys palustris natator* ♀ juv. 197 97 -

129

that had shed its horns, picked up on Kissimmee Prairie^{10m.}

27 - - - Caught on a ridge under cabbage palms. Alligator Bluff, Kissimmee River, Fla. ✓

The following are horns of *Odocoileus ozeola* Bangs, Padgett (son of the Port Master there), during the last year or two

Shed horns found 10 feet apart, April, 1890. Killed in June, 1900.

horns.

"

horns.

Bluff. April, 1901.

point horns. Killed by Mr. Perry Padgett who said forehead, with skin, preserved.

April, 1901. Florida

88 86 59; 51. Complete skeleton ✓ contained 4 small fortresses. " ✓

Fla

28.

wt. 4 lbs.

" 3 "

April 30, 1901.

Alligator Bluff, Kissimmee River, Florida.

5227	<u>Peromyscus palustris paludicola</u>	♀ ad.	400	38	60
5228	<u>Didelphis virginiana pigra</u>	♀ ad.	740	305	—
5229	" "	♂ juv.	167	60	—
5230	" "	♀ juv.	165	60	—
5231	" "	juv.			
5232	" "	juv.			
5233	" "	juv.			
5234	" "	juv.			
5235	" "	juv.			
5236	<u>Oryzomys palustris natator</u>	♂ juv.	Belonged to same		
5237	"		Shot and put		
5238	<u>Neotoma elongata</u> In box with skull ad.		Tail only,		
5239	<u>Microtus pennsylvanicus</u>	See Field Register, Vol.			

85	80	54	47.5	Contained 4 small tortoises	Wt. 3 lbs.
63	122	38	48	Contained 7 young in pouch 170 mm long.	Wt. 4½ lbs.
19				Young still in parental pouch.	In formalin.
19				do	do
				do	do
				do	do
				do	do
				do	do
				do	do

Letter as No. 5226. King Snake No. (98?) had ~~not~~ driven them do from nest.
in original tank by James A. Hancock
L.A. Hunter, Kissimmee River, Florida, 1901.
page 81. Ft. Adams, R. I., July 15, 1900. Skull only.

Data for Florida
Mammals (Sigmondson
etc. begins ~~on~~ on page
100.
Also labels for R. I
mammals

List of periodicals needed for the comple-

1. The Nidologist. Title-page and index to Vol. I.

-tion of files.

SMITHSONIAN INSTITUTION.

UNITED STATES NATIONAL MUSEUM.

Smithsonian Institution
Washington, D.C.

Kissimmee, Osceola Co., Florida

4660	Bufo	Jan. 22	1901
5014	Signmodon	" 23	"
4566	Yellow-banded Snake. Caught in broom sage	" 25	"
4565	Melospiza georgiana. ad. Cycled.	" 25	"
4876	Lizard. Caught on cypress log	" 29	"
13	Two polewogs of Rana (same as No. 9)	" 30	"
11	"Jack Fish" (= Pickerel)	" 31	"
16	"Trout" (= Black Bass)	" 31	"
15	"Blue Brehna" (= Blue Perch)	" 31	"
5	"Bait Fish" (Spotted Minnow).	" 31	"
4901	" (Cat Fish, young)	" 31	"
4	"Crawfish" (Soft-shelled)	" 31	"
9	Rana (Leopard & brown)	" 31	"
3	"Spotted Perch"	Feb. 1	"
4785	Stomach & food of Fla. Barred Owl	" 1	"
4778	Intestinal worms from mouth of Signmodon	" 3	"
4779	hispidus (No. 4978)	Feb. 3	"
4619	Mud Cat Fish from Shingle Creek	" 4	"
4988	Signmodon hispidus (tail gone).	" 4	"
403	Gopher Snake (head shot away)	" 5	"
	Moecasin Snake from 1st Canal.	" 9	Aquistodon
	King Snake. Oak Beach, L. Hatch me-haw	" 11	"
	Cottontail, 1st Canal. Southport Canal	" 10	"
	Dog Fish. Lake Hatch-me-haw	" 12	"
18	Four Minnows from Catfish Creek	" 16	"
20	Four-tailed Catfish	" 18	"
21	"	" 18	"
22	"	" 18	"

5025	Scamers carolinensis	Feb. 17, 1901	Ed.
23	Six Unios from Catfish Creek, Sawgrass Island.	Feb. 18, 1901	"
24	Small fish like young Pickerel. Sawgrass Island, Polk Co., Fla. Rain-pool 1 inch deep.	"	"
25	Two large specimens of Leiach found out after a rain, Sawgrass Id., Polk Co., Fla.	"	"
	Cat-Fishes from Lake Kissimmee, Fla. March 2.	"	"
50	"Polywog". Round-tailed, Yellow-bellied.	"	"
51	"Spotted" or "Speckled Cat" Tail forked.	"	"
52	"Bull-head." Square tailed.	"	"
12226	Cythyra affinis. Shell Hammock, Fla. Feb. 27, 1901.	"	"
53	Black Snake, Kissimmee River between lakes Hatch-me-haw and Kissimmee. March 3, 1901.	"	"
	Lot of Shrimp, 2 Crawfish, 30 Hylas and a number of small fishes sent in bottle of 1:20 formalin March 3, 1901. Same locality as No. 53.	"	"
54	Small (young) Sun Perch March 3, 1901, do	"	"
	King Snake? Large. do March 5, 1901.	"	"
55	"Silver Fish". Shiner. do March 7, 1901.	"	"
56	Channel Cat } Kissimmee R. between lakes Hatch-me-haw and Kissim-	"	"
57	Yellow Cat } mee. March 8, 1901.	"	"
58	Head & foot of Catthartes aura No. 12261. March 10, 1901.	"	"
60	Green Tree Frog	"	"
61	Alligator fore & hind foot	"	"
62	Small Striped Snake (caught No. 60)	"	"
63	Trachea of Limpkin No. 12268, showing coiled trachea	"	"
64	Alligator fore & hind foot (left).	"	"

- 64 Black Snake, Ftv. Gardner, Kissimmee River
 12304 Head and both legs of *Catharista atrata* ♂ ad. Kissimmee
 12305 Head of " " ♂ immature "
 68 Green Frog, Tadpole, Seeds, Planorbis shells and
 69 14 Tree Frogs from within a decayed live-oak
 General color ^{above} broccoli brown, sparsely blotched with clove
 eye. Head and hind limbs ^{dotted and} brown, ^{cross} banded with
 limbs. Underparts dull white, granulated with with bluish
 70. Large "King" Snake. Lake Kissimmee, Florida
 Tank No. 1 Shipped March 23, 1901.

Copper Tank No. 2. Formalin
Lake Kiss

- 72 Bufo.
 73 Speckled Cat Fish
 74 " " "
 75 Channel " "
 76 " " "
 77 Polyborus cheriway. ♂ ad. Head of No. 12357
~~78~~ 78 King Snake
 86 Pine Snake or Boa constrictor (leucopeltis)
 Head, both legs, gizzard & crop of Wild Turkey, No.
 5168. *Lachniscus bicolor* ♂ ad. No. 12330.
 91 Package containing 2 lizards "Scorpion" and
 93 " " 31 Bufo
 88 Small Striped Snake. Taken from burrowing
 90 Gar-fish from Kissimmee River, Fla.
 ? 92 number of specimens of Bufo & 2 tree frogs
 King Snake. Kissimmee R. below L. Kis.

Fla. March 13, 1901.

River, Fla., March 18, 1901. Metal Tag No. 5091.

" " " 5093.

Crustaceans from stomach of *Anas fulvigula* No. 12,306
 stump on the sand-beach of Lake Kissimmee, Fla. March 19, 1901.
 brown. Iris and tympanum gold. Narrow black streak from nose to
 clove brown. A silver strip along sides and outer side of hind
 gray and gold on abdomen.

March 19, 1901.

Formalin 1:20 + soda.

1 to 20 + soda.

Kissimmee March 24, 1901.

"

"

"

"

"

Lake Kissimmee, Fla. March 25, 1901
 quadrivittatus ?)

12358. Lake Kissimmee, Fla. March 26, 1901.

" Chameleon". Lake Kissimmee, Florida.

owl's nest at Lone Cabbage-Palm, Kis. R. Fla. Apr. 5, 1901.

from Lake Kissimmee, Fla. April 3, 1901.
 April 6, 1901.

- 83 Hair tree-frogs, gray or green (changing color)
 101 A packet of small fishes from Kissimmee
 107 Willow Marsh (Heron rookery) 10 m. E. of Alligator
 97 Small Striped Snake from marsh on Kissimmee Prairie
 105 *Melospiza Georgiana*, No. 12533. See p. 60.
 84 Body of *Araucaria gigantea* No. 12,558 Bod.
 79 Leopard Frog (Large *Rana*
 King Snake. Alligator Bluff, Kissimmee River,
 82 "Jack Fish" (*Esox*) large
 5171. *Gistudo* Blue Cypress Lake
 98? King Snake. Alligator Bluff, K. R., Fla. April 29, 1901.
 where two of the Rats (Nos. 5226 and 5236) were caught
 young rats may be found in snake's stomach.
 Jar. *Distaplia pulchra*
 Ground Rattlesnake, 2 Scorpion Lizards, one
 Florida, May 2, 1901.
 Jar. One large Chameleon, from Kissimmee, Fla.
 Jar. " Black Snake (*Baselania constructor*).
 (?) *Rana*. Alligator Bluff, Kissimmee River

Lone Palm, Kiss. R. April 6, 1901.
 River 10 m. below L. Kiss. April 6, 1901.
 Bluff, on Kissimmee Prairie, Fla. April 22, 1901
 4 m. E. of Alligator Bluff, Fla., Apr. 23, 1901.

Kissimmee River at Alligator Bluff, Fla. April 27, 1901.
 Florida April 28, 1901.
 Kissimmee River at Alligator Bluff, Fla. April 29, 1901
 April 17, 1901
 Was disturbing a nestful of *Cryzomys*, in root of willow,
 after the King snake had been put in the tank. Some more
 small Chameleons. Ft. Gardner, Kissimmee River,
 May 7, 1901.
 do
 May 4, 1902. Probably not logged

1240 Channel Cat Fish. Skull Kewanee River at

Cabbage Bluff, April 7, 1901.

Reptiles.

- 1901.
- 100 Plastron of Fla. Box Turtle, Kissimmee, Fla. Jan 30, 1901
- 101 "Coota" or Terrapin. Part of Skeleton. do
King Snake. On a small floating island near
Lake Hatch-me-haw, a large one was found
that had been killed by a Hawk. It measured
5 ft. 10 inches in total length. Not preserved.
- "Hard-shell" Turtle or Terrapin. (*Pseudemys*) About a score
of shells were found on Oak Sand Beach and
on a small floating island at Lake Hatch-me-haw.
One good shell, medium size, preserved.
- Soft-shelled Turtle (*Platyfelta ferox*) Dozens of shells
found on beach of Lake Hatch-me-haw. Numerous
good skulls & bones preserved.
- Weathered skulls and bones (shells, etc.) from the
12 holes of Lake Hatch-me-haw, Florida:
- No. 26 Skull with mandible, also scapula of Soft-shelled
Turtle (*Platyfelta ferox*) from Sawgrass Island (Calfish Creek).
- " 27 Soft-shelled Turtle (*Platyfelta ferox*) do Skull without jaw.
- 28 " Lake Hatchme-haw, Fla. Skull with jaw.
- 29 " " "
- 30 " " "
- 31 " " "
- 32 to 41. " " Skull without jaw.
- 42 " Lot of miscellaneous bones; 1 lower jaw.
- 43 to 46. Terrapin (*Emydoidea*) or (*Pseudemys*)? (*Emydoidea*) Shells.
- 47 Bones of carapace of Fla. Box Turtle from
Sawgrass Island, Polk Co., Fla.
- 48 & 49. Shells of Soft-shelled Turtles from Lake Hatchme-haw
Platyfelta ferox

Alligator mississippiensis. - James A. Hancock has hunted alligators for 10 years, regularly for 5. One summer he killed 6-700. The largest measured 13 ft + 5 in., killed in Rosalee Lake in 1896. In the summer of 1898 made trip to Blue Cypress Lake, and killed two hundred and eighty-seven hunting parts of 10 nights, 41 on the best night, the largest 12 feet. Has killed 3 over 12 ft. long. On ~~Walley~~ Water Lake, in a hole in a marsh got one 13 ft. The biggest one he ever saw was in Lake Okechobee, at least 15 ft. long. The next in size was in Rosalee Lake, about 13-14 ft. Females never exceed 8 ft. in length. Thinks he has skinned 2000 to 3000 in all.

7 ft. up	most	\$ 1 ⁰⁰	per skin
6-7 ft.		75 ⁰⁰	" "
5-6 "		50 ⁰⁰	" "
3-5 "		20	" "

They grunt and bellow. Can be heard across Lake Hatch-me-hew, 4 miles.

3000 "Hard-shelled Turtle", "Coota". Pseudemys
Kissimmee River at Alligator Bluff (April 8, 1901).
Skeleton found. Complete except toes of one foot.
The largest one seen. Shell 420 x 275 (chords).
Following curves of carapace 455 x 380

3001 "Hard-shelled Turtle" Complete skeleton. Found with above on April 8, 1901. Pseudemys

3002 "Soft-shelled Turtle"

227.

Shell found at Post Office, Aluey, Broward Co., Fla., April 21, 1901. 220 x 160 mm.

5003 Chelydra serpentina. Young. Shell 140 x 115.

Found at Alligator Bluff, Fla. April 25, 1901.

Chelydra serpentina. - Nest with female laying, April 24, 1901, on bank of Kissimmee River at Alligator Bluff.

The clutch consisted of 26 spherical white eggs averaging 28.7 mm in diameter. The female was taken.

3085. Soft-shelled Turtle

Young (shell 190 x 130), caught half mile out on the Kissimmee Prairie, East of Alligator Bluff Apr. 25, 1901

85. "Strick Shad" Alligator Bluff (Kiss. River) Apr. 25, 1901.

Note. - Several fishes (northern Cats) were put in tank by Mr. Hancock, April 11, 1901, with metal tags numbered near 100. (No. 104 was one of them).

List of Mollusks collected in
Florida, in 1901, by E. A. M.

(Identified by Wm. H. Dall.)

Ampullaria depressa Say.

Planorbis duryi With.

Lampsilas amygdalum Lea.

Anodonta couperiana Lea.

Unio coruscus Gld.

" obesus blandingianus Lea.

Sphaerium partumeium Day.

The following are also listed by Dr. Dall
as collected by me in Florida: — *Promia* *from Long?*

Strombus pugilis L.

Fulgur elicanus Mont.

" perversus L.

Itinerary.

1901

~~1891~~

- Jan. 15 Left Washington, D. C.
 " 16 Arrived at Jacksonville, Fla.
 " 17 Arrived at Kissimmee, Fla.
 Febr. 8 Left Kissimmee and camped at "Hub" Fleming's house, on Fleming's Island, Lake Tohopekaliga, Fla.
 " 9 Left Fleming's Island in sailboat, towing a skiff, and camped on the canal between Lake Tohopekaliga and Cypress Lake. 10 miles shipped two packages of shells from Fleming's Island.
 Febr. 10. Left camp on canal between lakes Tohopekaliga and Cypress at 8 a.m. Passed through canal to Lake Cypress, stopping to hunt. Mr. James Hancock, my guide, shot a Raccoon in a mass of moss on a tree near the canal. 40 ^{coons} had been trapped and shot there before party, a few weeks ago. We gathered a canful of shells on an island in the canal. The gentle current carried us to Lake Cypress. There was no wind. The time until 4 P.M. was spent in hunting about the mouth of the canal. A good breeze sprang up at 4 o'clock and we hauled up the boat's anchor and caught the first of the breeze, slowly moving away from the canal. Soon the wind blew hard & a heavy fall of rain drenched us. Lake Cypress was crossed by the boat on the keel pump with spray

flying. We entered the second canal and passed through it before dark and saw countless ducks and waders en route. Rain ceased as we entered Lake Hatch-ne-haw.

We crossed an arm of the lake to an oak beach, where a fire was started and camp made, tent put, supper cooked.

Febr. 11. In camp at Oak Beach, Lake Hatch-ne-haw. Survey steamer came and anchored off our point and surveyors began work. Gathered shells on beach. Shot at one of a dozen Wood Duck on the marsh. Killed male downy woodpecker. Captain Hancock visited his camp to get cooking oven, whiskey etc. Unloaded panniers from the boat and prepared specimens. Sand

Febr. 12. - In camp at Oak Beach, Osceola County, Fla. Raining day. Skinned specimens.

Febr. 14, 1901. - Visited Shell Hammock near the head of Kissimmee River, and moved camp to Hammock on left bank of Catfish Creek (Sawgrass Island).

February 27, 1901. - Moved camp from Sawgrass Island to Fort Gardner, a hammock one mile below Shell Hammock, on the right bank of Kissimmee River.

March 8, 1901. - Capt. James A. Hancock returned from Kissimmee with outfit of provisions, ammunition, arsenic and stuffing materials for month of March. Specimens all shipped up to those taken at Fort Gardner. Accepted commission as Major.

March 1901. - Dr. George J. Newgarden, ^{Capt. U.S.A.} Assistant Surgeon, U.S.A. joined party.

March 30, 1901. - Dr. Newgarden departed. I accompanied him as far as Ft. Sander, dining with him on steamboat "Lellie".

April 4, 1901. - Left camp at north end of Lake Kissingamee 10 A.M. Reached Bremer Island 12 M. Left Bremer Is. 2 P.M. Reached camp at Lone Cabbage Bluff ^{Drop Bluff} Kissingamee River 10 miles below Lake Kissingamee at 7 P.M.

April 8, 1901. Left camp at Cabbage Bluff and moved down the river to Alligator Bluff.

April 12, 1901. - Took ox-team for Blue Cypress Lake. Camped for the night at Roger's 7-mile hammock, on Kissingamee Prairie.

April 13 Camped at Olney P.O., at Padgett's place

April 14 " " Padgett Creek on Padgett Island.

April 15 " " Blue Cypress Creek.

April 16 " " Indian mound on shore of Blue Cypress L.

April 17 " " Padgett Creek, lower crossing

April 21 " " Willow Pond (heron rookery)

" 22 " " Roger's 7-mile Hammock, K. P.

" 23 Returned to old camp at Alligator Bluff

May 1 Took steamboat "Naoma No. 3" Captain Hall, for Kissingamee, at 7 P.M. Laid up for the night at Rattlesnake Bluff.

May 2 Reached the north end of Lake Kissingamee and anchored for the night at the lower ^{southport canal} end of the

May 3 Reached Kissingamee at 11:30 P.M. (It took 12 hours to get through southport canal.)

Quiscalus major, Kissimmee R. 10 m. below Lake
 $\frac{a}{2}$ Nest inside 100 x 120 mm. Outside 200 x 300
 binding it to willow boughs, swinging over
 grass and weeds. 3 feet above water.

$\frac{B}{2}$ Practically like set $\frac{a}{2}$
 $\frac{C}{3}$ do under the influence of spring date and etc.
 33.5 x 22.5; 34.5 x 22.3; 34.3 x 22.8

Spectolito floridana (Ridgway).

$\frac{a}{1}$ One egg, taken with both parents. See Nos. 12422-3,

Ardea egretta. Bremer Island, Lake Kissimmee, Fla.

$\frac{C}{1}$ $\frac{a}{2}$ nest of Ardea wardi ^(3 eggs) in same tree. See page 38. Four

Cardinalis cardinalis Nest in Spanish
 $\frac{a}{3}$ with nest. Bremer Island, Lake Kissimmee, Fla.

Ardea egretta. Bremer Id., F. Kis., Fla. Apr. 4, 1901. { Nest in live-

$\frac{B}{1}$ Egg, Nile green, measuring 40 x 57 mm. } sticks to
 $\frac{a}{2}$ Same data as above. Egg just same color as fresh egg. } eggs to top

Ardea wardi. Sets $\frac{E}{3}$, $\frac{F}{3}$, $\frac{G}{3}$ -1. Bremer Island, in Lake.

$\frac{a}{3}$ incubated, one broken. All Nile green, same color as

$\frac{a}{3}$ -1, $\frac{F}{3}$ Set $\frac{E}{3}$: 68 x 45; 68 x 46; 69 x 46.5. Set $\frac{F}{3}$: 65 x 46; 64 x 47.

Corvus sinuatus floridus $\frac{a}{5}$ -4. See top of page 49.

Ardea wardi. Set $\frac{a}{3}$, $\frac{B}{3}$, $\frac{C}{3}$, $\frac{D}{3}$, were taken from small
 Kissimmee River between lakes Hulet and

Four pairs each had 3 eggs. Color Nile blue, immaculate

$\frac{a}{3}$ Much incubated; macerated & stained. 65 x 47; 66 x 49; 68

$\frac{B}{3}$ Fresh. 71 x 47.5; 68 x 48; 64 x 49.

$\frac{C}{3}$ Much incubated; macerated & stained. 65 x 45; 63.5 x

$\frac{D}{3}$ Fresh. 67 x 48; 66.5 x 47; 66 x 47 mm.

Anthus anthus Set $\frac{a}{4}$. 54 x 36; 56 x 35; 52 x 36;
 Cypress Lake. Contained large embryos. Destroyed

Kissimmee, April 7, 1901. Three sets, as follows:-
 Outwardly, of arrowwood-stems & leaves, strongly
 water. Coarsely lined with dry stems of rice

the ground color around them.
 Ground color French gray, blotched and penciled with brownish black, there,
 Egg 35.5 x 27 mm. White beautifully shell-marked as in Ardea eggs.

$\frac{a}{3}$ 38.

April 4, 1901. Nest in live oak, 30 ft. from ground, near
 adult birds shot. 55 x 40 mm. Color Nile blue.

nest in live-oak tree, 5 ft. above the ground.

April 4, 1901.

oak tree, 40 ft from ground, beside nest of Ardea wardi. Nest of
 which a few feathers adhered. A shallow platform about
 the bottom. Four adults shot & skinned.

of Wad's Heron. Eggs 60 x 41; 62.5 x 41.8 mm.

Kissimmee, Fla. April 4, 1900. Sets $\frac{E}{3}$ & $\frac{F}{3}$ fresh; set $\frac{G}{3}$.

3 sets Great White Egrets eggs taken from same 3 live-oak trees.

64 x 47.2. Set $\frac{G}{3}$: 66.4 x 49; 63 x 48.5 mm.

black gum trees in a pond in the pine woods near the
 Kissimmee, March 9, 1901. Parents Nos. 12258 ♂, 12259 ♀.

x 49.

46; $\frac{67.5}{67.5}$ x 45.7 mm.

55.5 x 35 mm. Nest on low cypress at edge of Blue
 Pale greenish blue, covered with chalk.

- Taenialus loculatus*. Blue Cypress Lake,
Florida April 17, 1901.
- Set $\frac{m}{2}$ 69x43; 70x45.
- Set $\frac{m}{4}$ 18 76x48; 80x45.5; 77x46. Slightly incubated
- No. 76x45. In nest with 3 young recently hatched. Destroyed
- " 71x46. "
- " 15 70x48. Egg flipped; triangular orifice near great end through which chicken's ivory pointed bill is seen
- " 19 67x48; 69x48; 66x46.5. "
- 32 65x45.5; 66.5x47; 68x47.5. Fresh.
- 31 66x46.5; 68x46; 69x35.5. Nearly fresh.
- 3 6 67.5x46; 69x44.7; 68.5x40. " "
- 20 68x46.5; 67x49.5; 67x45; 66x47. U.S.N.M.
- 12 71x48.5; 72x47.5; 71x47.
- 26 ~~66x46.5~~ 67.5x49.5; 68.5x50; 67x48. Nearly fresh. U.S.N.M.
- 4 66x45; 66.5x47; 65.5x47.5. Large embryo. U.S.N.M.
- 30 70x45; 68x44.7; 70x45.5. Fresh. U.S.N.M.
- 36 69x47.5; 71x46; 71.5x46.5.
- 16 73x44.5; 70x45.
- 14 69x46; 68.5x47; 68.5x48. Contained large embryo. U.S.N.M.
- 34 69x35.5; 66x46.5; 64.5x46.
- 13 62.5x44; 65x44; 64.5x46.
- 4 ~~65.5x47.5~~ 66x49. Found in nest with 2 large young birds
- 44 67.5x47; 70x46.3; 71x47. U.S.N.M.
- 43 ~~66x46.5~~ 71x47. U.S.N.M.
- 41 70x46.5; U.S.N.M.
- 42 68x44.5
- 45 68.5x44; 67x46; 66x46. 2. dis. Meas. U.S.N.M.
- 35 69x46.5; 66x47.5; 65x47.
- 3 69x45; 68.5x47; 69x46. U.S.N.M.
- 46 70x48.5; 72.5x48.5; 69x49. U.S.N.M.
- 47 69x49.
- 48 55x38. in nest egg. U.S.N.M.

Grus mexicana. Set $\frac{2}{2}$ measure 100x62; 76x57
near the willow pond in which there is a large
Alligator Bluff. April 22, 1901. Nest a flattened
Piedmont Weed (flowering). Built of stems of *Piedmont*
largely incubated {^{Ground color, olive buff. Spotted and} gray, the ^{spotted} markings mostly

Quiscalus quiscula ogleatus. Set $\frac{5}{5}$. Nest measures in
29x20.7; 30x20.5; 29.5x21; 29x21.5; 28.8x20.7.
color greenish blue. Markings heavy (those that are on
consist of spots blotches, lines and streaks (before the
at the great end and vary in color from clay brown
are more evenly distributed over the egg. The female
about 8 ft. above the ground, in a mass of pendant
interwoven with the ones externally, then a quantity
those of *Digitaria*. Within this was a layer of mud and
wire grass. Hammock, 16 m. E. of Alligator Bluff, Kissimmee

Speotyto floridana (Ridgway). Set $\frac{2}{2}$ Eggs fresh,
33x28.8 shell slightly nodular; 35x28.2, shell slightly rough.
Both parents taken. Nos. 12520-1. Page 60. Kissimmee

Speotyto floridana (Ridgway). Set $\frac{3}{3}$ Eggs fresh.

Kissimmee Prairie, 10 m. E. of Alligator Bluff, Fla. Apr. 13,
Speotyto floridana (Ridgway). Set $\frac{1}{1}$ Egg fresh. Same

Speotyto floridana (Ridgway). Set $\frac{5}{5}$. April 23, 1901.

33.5x27; 32x27; 33x27; 34.5x27.6; 31x25.3 mm.
1 ft. in diameter 15 in. long. Eggs on a bed of ^{dead} ^{grass}

Anas fulvigula. Set $\frac{5}{5}$ Nest lined with a little dead grass,
duck's breast. They were slightly covered with
species of ericaceous shrub, in a growth of scrub

Nest in a shallow pond on Kissimmee Prairie
a rookery of Little Blue & Louisiana herons, 10 m. E. of
mound $1\frac{1}{2}$ high $2\frac{1}{2}$ in diameter, surrounded by
weed, *Digitaria*, rushes, etc. Parent flew away. Egg
blotched all over with seal brown, mummy brown and drab
aggregated at the great end.

side, 70 mm deep by 100 mm. in diameter. Eggs measure:
Varying in shape from elongate ovate to ovate-pyriform. Ground
official and pale (those in the shell structure). The markings
egg have brown ^{mostly} ^{mostly}. The heavier markings are aggregated
to apex; those overlaid by shell have a pale drab color and
parent started from the nest, built in a small live oak,
Spanish moss, so that it was entirely concealed. It was
of shredded palm fibre mixed with picked weed stalks and
wire grass, mixed; and the whole was neatly lined with
Kissimmee Prairie, Florida, April 23, 1901.

rounded ovate, immaculate white. Size: 34x29; 33.3x29
Nest tunnel like this 6 feet long egg $1\frac{1}{2}$ ft. long
Prairie 8 m. E. of Alligator Bluff, Fla. April 22, 1901.

32.5x27.5; 33x26.2; 33.1x27.4. Parents Nos. 12464-5.
1901. See p. 42.

(also as above Parents, Nos. 12467-8. See p. 44 this register.

Parents, Nos. 12536-7. Kissimmee Prairie, 4 m. E. of Alligator Bluff.
Nest, burrow on ridge beside ditch. Tunnel 6 ft. ^{nest} ^{entry}
mammot grass stalks. See this register, p. 62.

and a few dead leaves, and a spec. of down from the
grass. Nest in midst of a tuft of "he-buckberries," a
Kissimmee (a "rough") on Kissimmee Prairie, $\frac{1}{2}$ mile from
the river. April 25, 1901.

(*Tras fulvignola* Set $\frac{2}{5}$ - Concluded).

Eggs ovate, approaching elliptical oval; color plain.

olive buff. 57.5×44 ; 58.5×44.5 ; 59×44 ; $58.5 \times$
Corvus americanus floridanus, Set 3, Blue Cypress

42×28.7 ; 42×29.5 ; 42×28.8 . Considerably incubated,
Colaptes auratus Set 7. Oval, immaculate, white.

Nest in a much-used cabbage-palm stump ^{no eggs there} open at top. ^{no eggs there}
caught in the nest and declined to come out. She was left

23 and returned to the spot and took the female parent or
another pair of *Hickories* took possession of this same pal

Alligator Bluff, Kissimmee River, Florida,

Botaurus exilis. Set $\frac{2}{4}$. Eggs plain pale greenish
 30.6×24.9 ; 30×24 . Parent No. 12554 (See p. 62).

125 mm in height, composed of stout stems coarse leaves
and leaves. Alligator Bluff, Kissimmee River,

Aramus giganteus. Set $\frac{2}{11}$ brown on side. Alligator Bluff,
a thick mass of saw-grass in a willow thicket
leaves, together with weed stalks and sticks
rather loosely and heavily blotched with pale
shell structure. The spots tend to aggregate at

Lanius ludovicianus. Set $\frac{2}{5}$ 25.5×19.5 ; 25×20 ;

gray, heavily blotched with olive and drab, the spots
end in two eggs. Nest in a lemon tree near a house,

and 45×80 inside. Outwardly of sticks, plant stems
Lanius ludovicianus Set $\frac{2}{5}$. 25×18.8 ; 24.5×19 ; 24.5×19 .

Markings less heavy & more evenly distributed
outside. April 15, 1901. Alney P. O., Broward Co., Fla. Nest

Agelaius phoeniceus. Set $\frac{2}{3}$. Parents No. 12
6 ft. from ground measures 60 in depth $\times$ 70 in diam

43 ; 58×44 . The nest was found for me by a strange dog!
Creek, Osceola Co., Florida, April 16, 1901.
heavily marked.

29.5×22 ; 28×22 ; 28.6×22 ; 28.6×22.3 ; 28.7×22.3 ; 28×22.1 ; 28.2×22.2 .

the usual round hole bored in the side. The female was
and a few days later (Apr 12) had laid 2 eggs. On April
4 more eggs. The male was shot close-by. Next day
stump. . . Parents No. 12540-1 (See register p. 62.)
April 23, 1901.

blue, paler than Nile blue; oval. 32.5×24 ; 31×24.4 ;
Nest in tuft of saw grass, about 200 mm wide by
2 of saw grass (dead) together with a few stems of weeds
Florida. April 26, 1901. Considerable, incubated.

Apr. 26, 1901 Nest broken up by Crowe (Trix?). Built in
on a pile of the Riv. R. Nest of saw grass stems and
 79.56×42 mm. Oval. Ground color cream buff;
fawn color and corn drab, the latter overlaid in
the great end.

25×19.7 ; 25×19.4 ; 25.3×17.7 mm. Ground color greenish
aggregated about the great end in 3 eggs and about the small
at Olney P. O., April 14, 1901. Nest 200×175 outside
grass and lined with fibre from the cabbage palm.

25.4×19.1 ; 25×18.5 . Ground color as in preceding set, but
over the whole egg. Nest preserved. 45×70 inside 225×200
also, in a lemon-tree.

557-60, April 27, 1901 Alligator Bluff, Fla. Nest in bellows
inside 150×150 outside. Composed entirely of

1 stalks of water plants (arrowweed, *Potamogeton* plantain)
mostly the separated layers of outer bark of these
Eggs oval, with pale greenish-blue ground, heavily
except at great end; some of these markings, ^{those} overlaid
found April 23 with 3 eggs, not taken until

Ardea ruficollis

" 55 *caerulea*

" 51 *ruficollis*

" 54 "

" 50 *caerulea*

" 46 *ruficollis*

" 52 "

" 59 *caerulea*

" 64 "

" 49 "

" 65 "

" 61 *ruficollis*

" 62 "

" 47 *caerulea*

" 50 *ruficollis*

" 45 "

" 63 *ruficollis*

" 60 "

" 57 *caerulea*

" 58 "

" *tricolor ruficollis*

Color of all the above Nile Blue.

" 53 *caerulea*

" 45 "

Set 4 43.5 x 34; 47 x 32.5

" 4 43 x 33.5; 44 x 34

" 5 47.5 x 34; 47 x 32.5

" 4 47.2 x 34.2; 47.2 x 44

" 4 43.2 x 34; 44 x 34

" 4 45.5 x 35; 46.3 x 34.2

" 4 46.2 x 34; 45 x 32.3

" 4 45 x 34.7; 44.8 x 35.1

" 4 44.8 x 34; 43.8 x 33

" 4 45.5 x 33.5; 44 x 34.7

" 4 45 x 33.8; 45 x 32

" 4 45 x 34; 46 x 34

" 4 46 x 33; 47 x 32.5

" 4 45 x 35; 45.5 x 43.5

" 4 45 x 35; 47.5 x 35

" 4 45 x 33.

" 4 47 x 31.8; 45.5 x 32

" 4 45 x 34 45 x 34.5

" 4 46 x 34.

" 4 45 x 35.7; 46 x 36

" 4 49 x 32.5; 48 x 32.5

" 4 42.5 x 34; 42 x 33.5

" 4 44 x 34.5

" 4 44 x 34.5

rice husk, with a middle layer of finer material
plants, lined inside with fine dry grass stems
pencil, spotted and blotched with clove brown, sparse,
by shell, are pale. 24 x 17.1; 24 x 17.4; 24.3 x 17.5. Nest
Apr 27, when eggs were too far incubated to be blown.

46 x 33.5; 45.5 x 33.5.

42 x 35; 46 x 34.

46.8 x 34.8; 48 x 35; 45.7 x 43

48.2 x 33.8 45.6 x 33.9.

44 x 33.2; 44 x 34. L. di Z. Mearns

47 x 33.5; 45.8 x 34.8.

48 x 34.7; 45.8 x 34.

45.5 x 35.2; 44 x 35.5.

45.6 x 34; 46 x 33.9. Two broken; much incubated.

44 x 34; 43.5 x 34.5.

43.7 x 33.5; 45 x 31.

45.5 x 33.7; 47.5 x 34.

47 x 33; 44 x 33.8. L. di Z. Mearns.

44 x 34.5.

46 x 35.

45 x 34; 44.5 x 32.2.

47 x 34.

47 x 34.

47 x 34.

47 x 34.

47 x 34.

47 x 34.

47 x 34.

47 x 34.

Parent on nest.

usnm.

usnm.

usnm.

usnm.

usnm.

usnm.

usnm.

usnm.

Icthyophaga martinica. Set $\frac{12}{4}$. Alligator Bluff, Kissimmee
sparingly speckled and spotted with purplish gray and
pickeral weed; lined with aquatic grass and
in a thick bed of pickeral weed surrounded by
Set $\frac{3}{3}$. 49x35; 47x35;

Phalacrocorax Set $\frac{2}{3}$. 58x37.7;
nest in being lined with stems of aquatic plants
Anhinga anhinga. Set $\frac{2}{4}$. 54x36; 54x36.5; 53.7x37

Cathartes aura. Set $\frac{2}{2}$. 69x59; 69.5x50. Kissimmee Prairie

Luscalus major. Set $\frac{3}{3}$. L. di J. Means.

Ardea virescens
April 8, 1901.

Set $\frac{B}{4}$. 41x30; 40x30;

Luscalus major Sets $\frac{D}{2}$, $\frac{E}{2}$, $\frac{F}{2}$, all from the Kissimmee
suspended over the water from willow boughs. Sets in

Luscalus major. Sets $\frac{1}{3}$, $\frac{2}{3}$, $\frac{3}{3}$, all same data as above.

Ardea virescens Set $\frac{2}{4}$. Kissimmee River, near Alligator
39x30. Parent no. 12443.

Cardinalis $\frac{B}{4}$. Nest in a small live oak
Kissimmee Prairie 5m. east of Alligator Bluff, Fla

Pinar, Fla. April 28, 1901. Eggs oval, cream-buff,
reddish brown. Nest built of the leaves and stalks of
green willow leaves. Nest 225mm. in diameter built
in a net of yellow water-lily 38x28; 39x29; 38x28; 38.6x28.6.
49x34. L. di J. Means.

57.5x37; 60x37. Nest in cypress; differs from Anhinga
all of all sticks. A platform nest 18 inches in diameter.
56.7x36. Blue Cypress Lake, April 17, 1901.

4 m. E. of Alligator Bluff, Fla April 11, 1901.

38x29; 37x30. Kissimmee River, near Alligator Bluff, Fla.

River, near Alligator Bluff, April 8, 1901. Nests same
complete, the birds not having finished laying.

Alligator Bluff, Fla, Apr. 8, 1900. 40.5x29.5; 40.5x30; 39x31;

6 ft. from ground, in a very small hammock on
April 11, 1901. Parent not seen.

Anhinga anhinga. Set $\frac{B}{3}$. Blue Cypress Lake, Osceola Co.,

Anhinga anhinga Set $\frac{C}{3}$ Same lake as above. 52×32.5 ;

Tyrannus tyrannus. Set $\frac{A}{3}$ with both parents (nos. and Cypress, May 3, 1901. 24.2×18.3 ; 25×18.4 ;

Composed outwardly of sticks and stems, inwardly

Aegialitis vocifera. Set 4. May 10, 1901. Shore of Lake 38×27.5 ; 39×28 mm. Horn, ovate-pyriform, over with black or clove brown and smoke gray,

Colaptes auratus. Set $\frac{B}{7}$. 27.3×23.5 ; 27×23 ;

Alligator Bluff, Kissimmee River, Florida.

Set $\frac{A}{7}$ (p. 266). The 7th egg was deposited May 3, one never left the nest after the first egg was laid.

Coccyzus americanus. Set $\frac{A}{4}$. Color pale green. Nest about 15 feet above the ground, in a solitary and Cypress. May 3, 1901. Both parents taken nest. The female was close by. Parents stalks.

Coccyzus americanus Set $\frac{B}{3-2}$ 31×24 mm. Nest in a thicket bordering Southport Canal. May 3, all about the size of the one preserved —

Thryothorus ludovicianus — Set $\frac{A}{5}$ White — iris brown coarse on great end and usually 20×15 ; 20×15 ; 19.5×15 . Nest in Slaters' wood May 2, 1901.

Fla., April 17, 1901 55×35 ; 53.5×34.7 ; 57×36 .

52×32 . 52.7×32.7

12585 and 12586). Old River connecting lakes Tohopekaliga 25×18 . Nest in a persimmon tree, 20 ft. from the ground. of sheep wool.

Tohopekaliga, Kissimmee, Florida. 38.5×28 ; 39×28 ;

Ground color pale olive-gray, spotted & blotched all the latter underlying the shell.

28.3×23.2 ; 26.8×22.2 ; 26.5×22 ; 27×22.5 ; 27×23.3 .

May 4, 1901. Nest in same cabbage-palm stump, as egg having been laid each day. The female parent

ish blue. 29.8×23.2 ; 29.3×22.2 ; 28×22 ; 30×24 mm. green tree on the Old River connecting lakes Tohopekaliga. The male was setting and shot as he moved off the No. 12583-4 (see p. 66). Nest of sticks and plant

in a bush (see preserved specimen of shrub) in 1901. Parent was setting. Eggs nearly ready to hatch, 2 brown larger than the preceding set. Nest 5 ft. from ground.

thick, spotted and blotched with reddish brown. The mark form a wreath near that extremity 20×15 ; 20×15 ; rank on edge of Kissimmee River at W. A. Gardner, Fla.

Kissimmee, Florida Jan. 17 - 1901

January 18. - Goldenrod, Polygala, Bidens?, etc.

Jan. 21. - Blackberries in bloom. Red Maple fruiting
Specimens sent to USNM. Febr. 7, 1901 Kissimmee, Fla.

No. 1.	Cone of pine. Leaves ^{+ fls.} pressed.	Kissimmee Fla. Jan. 18	
2.	Hickory. 3 fruitages.	"	" 24
3.	Quercus. Acorn & cups.	"	" "
4.	Air plant (small), with scape.	"	" 25
5.	Viola white	"	" "
6.	? clusters of purple fruit	"	" "
7.	Rock-Rose?	"	" "
8.	Fern, small, on tree bark.	"	" "
9.	High Huckleberry, pink fls.	"	" "
10.	"	"	" "
11.	Palmetto (fl.)	"	" "
12.	Solidago	"	" "
13.	Pink?	"	" "
14.	Solidago	"	" "
15.	"	"	" "
16.	"	"	" "
17.	Polygala? large head, yellow	"	" "
18.	Viola blue.	"	" "
19.	" " "	"	" "
20.	" ?	"	" "
21.	" ?	"	" "
22.	Viola white, spatulate leaf.	"	" "
23.	Fern, from Cypress swamp.	"	" "
24.	"	"	" "
25.	Small white flower	"	" "

26	Shrub, no fr. or fl.	Kissimmee, Fla.	1901
Jan 29.
27	Horn. Spores in double row.	Swamp "	"
28	"	"	"
29	" Terminal frutage	"	"
30	"	"	"
31	" with heavy roots	" "	"
32	" ?	"	"
33	White fl. Sedge-like plant.	"	"
34	Small purple irregular flower	"	"
35	Huckleberry, high	"	Febr 1
36	Leaf of leaves of magnolia	"	"
37	Chontium in fl.	"	"
38	Rock-Rose ?	"	"
39	Polygala ?	"	"
40	Single frond of fern.	"	"
41	Leaves and frutage (separate)	Hiernia
of Hiernia	May 7.

290

Mr. Morgan - Morgan's Grove.

Go to Bassinger & get hauled
across to the Cullier place

Pete Ralston - 16 miles S.E. from Bassinger.

1st Barn Swallow Apr. 6, 1901.

1st Small-billed Water Thrush Apr. 5, 1901

1st Nighthawk ; 2d April 6, 1901.

1st Spotted Sandpiper April 7, 1901

1st Lesser Yellow-legs. "

Flora. No. 2, 1841.

Nat. Phil. Blue ch. 1.