

SPECIMEN

RECORD

# /

KURE IS.

MIDWAY IS.

7530-222-3525

FEDERAL SUPPLY SERVICE

(GPO)

#### INSTRUCTIONS

1. MAKE EVERY EFFORT TO KEEP THIS BOOK ACCURATE AND NEAT !!!
2. It is essential that a McBee card be completely filled out for each specimen skinned, autopsied, or skeletonized. This card provides the primary data reference for each specimen.
3. Once an autopsy is completed all columns of this record book should be filled in by the person whose name is entered as recorder on the McBee card; he will be held responsible for the entry.
4. Enter all species identifications in pencil, even if certain of the identification.
5. Use the age symbols recommended by the banding office; use male and female sex signs.
6. Enter bird measurements in the same order as on the McBee cards, and the weight last, i.e. 126-56-24-36-25 36.2 gm.
7. Measurements are always made in millimeters and thus there is no need to add "mm." after them; HOWEVER, if you measure something in other than millimeters, i.e. an 8 foot wingspan, be sure you indicate the measure used.
8. Collector column should contain only the name of the person who actually collected the specimen so that it is a reference to the precise circumstances of the collection (this hasn't been done in the past). Naturally the collector will record the instance in his own field notes also.
9. Always write dates thusly: 25 Dec. 1963
10. Only local identification of locality is necessary in this catalog as it already only refers one to Kure or Midway Islands, Hawaii.
11. Remarks column should include data on reproduction, molt and soft part colors, and misc. remarks.
12. If the collector does not autopsy and enter the record in this book himself the person who does should add his initials at the extreme right hand side of the remarks column as a reference to any question about the entries.



No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20001	<i>Pterodroma hypoleuca</i>	A	♂		Ludwig	09-06-63	Sand I., Midway Is.	te. 5x5, 6x5 legs, prox. feet pink; distal feet black, molting USFWS 643-48715
20002	<i>Pterodroma hypoleuca</i>	A	♂	bugged 11-02-63	"	"	"	te. 5x5, 4x5 skeleton
20003	<i>Pterodroma hypoleuca</i>	A	♀		"	"	"	lgt. ovum 2mm. legs prox. feet pink distal feet black, molting USFWS 643-74306
20004	<i>Pterodroma hypoleuca</i>	A	♂		"	09-07-63	"	USFWS 643-48706
20005	<i>Pluvialis dominica</i>	A	♀		"	"	"	
20006	<i>Pterodroma hypoleuca</i>	A	♂		"	"	"	USFWS 643-45182
20007	<i>Pterodroma hypoleuca</i>	A	♀		"	"	"	USFWS 643-49098
20008	<i>Pterodroma hypoleuca</i>	A	♂	bugged 11-02-63	"	"	"	skeleton
20009	<i>Phaethon rubricauda</i>	I	♂		"	09-08-63	"	discarded J.P.L.
20010	<i>Phaethon rubricauda</i>	A	♂	bugged 11-02-63	"	"	"	skeleton
20011	<i>Gygis alba</i>	I	♀		"	"	"	
20012	<i>Gygis alba</i>	A	♀	bugged 11-02-63	"	"	"	skeleton
20013	<i>Phaethon rubricauda</i>	I	♀		"	09-09-63	"	
20014	<i>Gygis alba</i>	I	♀		"	"	"	
20015	<i>Phaethon rubricauda</i>	I	♀		"	09-10-63	"	
20016	<i>Numenius tahitiensis</i>	A	♀		"	09-12-63	"	very fat; bird of year?
20017	<i>Crotophaga alba</i>	A	♂		Ludwig + Wirtz	09-14-63	"	very fat; te. 1x3, 1x3 molting
20018	<i>Numenius tahitiensis</i>	A	♂		"	"	"	te. 2x5, 2x5; little fat; molt on head + neck only
20019	<i>Phaethon rubricauda</i>	I	♀?		"	"	"	2-3 days old
20020	<i>Phaethon rubricauda</i>	I			"	"	"	head preserved - diseased
20021	<i>Mus musculus</i>	A	♂	160-83-17.5-14	"	"	"	crem. devel. pig. te. 6x4 C.ep. tub. eul. Fertile
20022	<i>Mus musculus</i>	A	♀	146-74-16.5-13	"	"	"	V. imp. te. eul. lact. PS R1 L2 = 3 No dis. follicles
20023	<i>Turdus</i>				"	09-16-63	"	taken from a fairy tern
20024	<i>Turdus</i>	A	♀		"	09-17-63	"	
20025	<i>Turdus</i>	A	♂		"	"	"	
20026	<i>Ectopistes orientalis</i>	A	♂		"	"	"	te. 1x2
20027	<i>Atomaria interpres</i>	A	♂		"	"	"	skeleton (eaten by rats on kure)
20028	<i>Pluvialis dominica</i>	A	♀	bugged 11-02-63	"	"	"	skeleton
20029	<i>Pluvialis dominica</i>	A	♂		"	"	"	

No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20030	<i>R. rufus</i>	S	♀	318-182-34.5-22	Wirtz + Ludwig	09-18-63	Eastern I., Midway Is.	V. imp. te. suv. tract virginal; molting food - vegetation
20031	<i>R. rufus</i>	A	♂	399-229-40-26	"	"	"	Crew. devel. pig. te. cul. 2x11 fertile food - vegetation
20032	<i>Puffinus nativitatus</i>	A	♀		"	"	"	brood patch refeathering molting
20033	lost				"	"	"	
20034	<i>Numenius tahitiensis</i>	A	♀		"	"	"	no molt
20035	<i>Puffinus nativitatus</i>	A	♀		"	"	"	molting on head + neck brood patch refeathering
20036	<i>Sterna fuscata</i>	A	♀		"	"	"	skeleton (eaten by rats on Kure)
20037	<i>Pterodroma interpres</i>	A	♀		"	"	"	skeleton (eaten by rats on Kure)
20038	<i>Heteroscelus incanum</i>	A	♂		"	"	"	te. 1x3
20039	<i>Heteroscelus incanum</i>	A	♂		"	09-20-63	Green I., Kure Is.	skeleton; heavy molt; very fat
20040	<i>Anous stolidus</i>	A	♀		"	"	"	skeleton
20041	<i>P. exulans</i>	J	♀	10.9 gm. 126-55-18-11	"	"	"	
20042	<i>P. exulans</i>	S	♂	34.6 gm. 220-118-27-19	"	"	"	
20043	<i>P. exulans</i>	A	♀	76.6 gm. 292-149-28-21	"	"	"	
20044	<i>P. exulans</i>	A	♂	63.4 gm. 272-141-29-20.5	"	"	"	
20045	<i>P. exulans</i>	A	♂	52.9 gm. 278-147-30-21.5	"	"	"	
20046	<i>P. exulans</i>				"	"	"	
20047	<i>P. exulans</i>				"	"	"	
20048	<i>P. exulans</i>				"	"	"	
20049	<i>P. exulans</i>				"	"	"	
20050	<i>P. exulans</i>				"	"	"	
20051	<i>P. exulans</i>				"	"	"	
20052	<i>P. exulans</i>				"	"	"	
20053	<i>P. exulans</i>				"	"	"	
20054	<i>P. exulans</i>				"	"	"	
20055	<i>P. exulans</i>				"	"	"	
20056	<i>P. exulans</i>				"	"	"	
20057	<i>P. exulans</i>				"	"	"	
20058	<i>P. exulans</i>				"	"	"	

No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR Wittz + Ludwig	DATE	LOCALITY	REMARKS
20059	R. exulans					09-20-63	Green I., Kure Is.	Intestine - not yet autopsied
20060	R. exulans				"	"	"	
20061	K. exulans				"	"	"	
20062	R. exulans				"	"	"	
20063	R. exulans				"	"	"	
20064	R. exulans				"	"	"	
20065	R. exulans				"	09-21-63	"	
20066	R. exulans				"	"	"	
20067	R. exulans				"	"	"	
20068	R. exulans				"	"	"	
20069	R. exulans				"	"	"	
20070	R. exulans				"	"	"	
20071	R. exulans				"	"	"	
20072	R. exulans				"	"	"	
20073	R. exulans				"	"	"	
20074	R. exulans				"	"	"	
20075	R. exulans				"	"	"	
20076	R. exulans				"	"	"	
20077	R. exulans				"	"	"	
20078	R. exulans				"	"	"	
20079	R. exulans				"	"	"	
20080	R. exulans				"	"	"	
20081	R. exulans				"	"	"	
20082	R. exulans				"	"	"	
20083	R. exulans				"	"	"	
20084	R. exulans				"	"	"	
20085	R. exulans				"	"	"	
20086	R. exulans				"	"	"	
20087	R. exulans				"	"	"	

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No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20088	<i>R. exulans</i>				Wirtz + Ludwig	09-21-63	Green I., Kure Is.	
20089	<i>R. exulans</i>				"	"	"	
20090	<i>R. exulans</i>				"	"	"	
20091	<i>Puffinus nativitatus</i>	I	♀		"	"	"	Very fat
20092	<i>Puffinus pacificus</i>	A	♀		"	"	"	Moderate fat
20093	<i>Fregata minor</i>	I	♀		"	"	"	
20094	<i>Fregata minor</i>	A	♀	bugged 11-02-63	"	"	"	skeleton
20095	<i>Puffinus pacificus</i>	A	♀		"	"	"	skeleton
20096	<i>Sterna fuscata</i>	A	?	bugged 11-02-63	"	09-23-63	"	sick on beach; skeleton
20097	<i>Sula dactylatra</i>	I	♀		"	09-24-63	"	broken wing
20098	lost				"	"	"	
20099	lost				"	"	"	
20100	lost				"	"	"	
20101	<i>Anthus cervinus</i>	A	♀		"	09-26-63	"	shot on ground after storm
20102	<i>Numenius talpensis</i>	A	♀		"	09-27-63	"	skeleton
20103	<i>Heteroscelus incanum</i>	A	♀		"	"	"	very fat; beginning to molt very extensive molt; mod. fat te. 1x3, 1x2
20104	<i>Arenaria interpres</i>	A	♀		"	09-26-63	"	some fat; molt broken wing
20105	<i>Pluvialis dominica</i>	A	♀		"	"	"	very fat, some molt
20106	<i>Pterodroma hypoleuca</i>	A	♀		"	09-26-63	"	found sick; broken wing
20107	<i>Sula sula</i>	S	♀		"	09-28-63	"	sm. fat; partial molt collected while banding
20108	<i>R. exulans</i>	S	♂	23.3 gm. 212-111-25-19	"	09-29-63	"	unprime; heavily parasitized
20109	<i>R. exulans</i>	A	♂	76.8 gm. 291-146-28-21	"	09-27-63	"	unprime; heavy fat; fertile
20110	<i>Sula dactylatra</i>	I	♀	1810 gm.	"	09-29-63	"	found w broken wing
20111	<i>Limodromus scolopaceus</i>	A	♀		"	10-03-63	"	mod. fat; te. 2x1, 2x1 badly shot up
20112	<i>Sula dactylatra</i>	I	♀	1819 gm.	"	10-01-63	"	found w broken wing
20113	<i>Heteroscelus incanum</i>	A	♀		"	09-29-63	"	molted heavily te. 2x1, 2x1
20114	<i>Aras carolinensis</i>		♀	w spread 31.7" Cul. 2" Mid. Toe 2.5" Total L. 19.5" Tar. 1.65" 416 gm.	"	10-01-63	"	Emaciated, no fat; 2 small tapeworms
20115	gecko				"	10-03-63	"	
20116	Blue-footed Booby, Gode				"	10-04-63	"	collection begun this date

No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20117	<i>R. exulans</i>	S	♂	W. span 64" Mid. Toe 43/16 Cul. 4.5"	Wirtz + Ludwig	10-04-63	Green I., Kure Is.	Feeding on punctureweed J.P.H. USFWS U97-70640; lice, no internal parasites Sw. fat Iris yellow
20118	<i>Sula dactylatra</i>	S	♀	Total L. 33.5" Tar. 2.5" 2044 gm. W. span 425 Mid. Toe 27 Cul. 22	"	"	"	
20119	<i>Arenaria interpres</i>	?	?	Total L. 211 Tar. 28 80.2 gm. W. span 427 Mid. Toe 27 Cul. 21	"	10-06-63	"	
20120	<i>Arenaria interpres</i>	?	?	Total L. 220 Tar. 27 91.1 gm. W. span 899 Mid. Toe 45 Tar. 42	"	"	"	
20121	<i>Pterodroma ultima</i>	A	♀	Total L. 368 Cul. 31 405.2 gm. W. span 392 Mid. Toe 31 Cul. 26	"	10-07-63	"	Very fat; Ovary 13x7 largest ovum 2mm.
20122	<i>Erolia acuminata</i>	A	♀	Total L. 208 Tar. 31 53.2 gm. W. span 329 Mid. Toe 23 Cul. 11	"	"	"	Very fat ovary 5x3 Mod. fat
20123	<i>Alauda arvensis</i>	A	♀	Total L. 188 Tar. 28 39.2 gm. W. span 518 Mid. Toe 33 Cul. 24	"	"	"	Ovary very sm. - 1 mm. Te. 3x1, 2x1; Sw. fat
20124	<i>Pluvialis dominica</i>	A	♂	Total L. 262 Tar. 53 96.1 gm.	"	10-08-63	"	left wing broken
20125	<i>Pluvialis dominica</i>	A	♂	W. span 1431 Mid. Toe 79 Cul. 86 Total L. 262 Tar. 42 1013 gm.	"	10-10-63	"	Very fat; Te. 3x1, 2x1 Sw. fat
20126	<i>Sula sula</i>	I	♀	Total L. 262 Tar. 42 1013 gm.	"	10-11-63	"	Right wing broken Te. 3x6, 3x6; Mod. fat
20127	<i>Puffinus pacificus</i>	A	♂	397 gm.	"	"	"	Broken wing Te. 3x1, 3x1 Sw. fat
20128	<i>Erolia acuminata</i>	A	♂	53.1 gm.	"	10-14-63	"	Many mallophaga Ovary sm. 9x7; A few active follicles
20129	<i>Sula sula</i>	A	♀	1008 gm.	"	"	"	Wing broken during banding
20130	<i>R. exulans</i>	S	♀		"	10-16-63	"	
20131	<i>R. exulans</i>	A	♀		"	"	"	
20132	<i>Arenaria interpres</i>	U	U		"	10-19-63	"	skeleton picked up on beach Mod. fat; some generalized, but not heavy, body molt
20133	<i>Anous stolidus</i>	A	♂	W. span 837 Mid. Toe 44 Cul. 43 Total L. 439 Tar. 31 229.1 gm. W. span 800 Mid. Toe 41 Cul. 36	"	"	"	Few follicles active on head Mod. fat - Skeleton
20134	<i>Anous stolidus</i>	J	♀	Total L. 393 Tar. 31 184.6 gm. W. span 496 Mid. Toe 33 Cul. 41	"	"	"	
20135	<i>Heteroscelus incanum</i>	?	?	Total L. 287 Tar. 41 129 gm. W. span 846 Mid. Toe 40 Cul. 39	"	10-20-63	"	
20136	<i>Anous stolidus</i>	?	?	Total L. 411 Tar. 27 193.9 gm. W. span 768 Mid. Toe 39 Cul. 26	"	"	"	Killed with a rock (by CG) Te. 8x5, 7x5 Sw. fat
20137	<i>Pterodroma hypoleuca</i>	A	♂	Total L. 322 Tar. 32 194.2 gm.	"	"	"	Dead on beach - Skeleton
20138	lost							
20139	<i>Sula leucogaster</i>	J	♀	410-215-103-51-93 1083 gm.	"	10-23-63	"	Ovary very sm.; Few back follicles active Mod. fat; Bill blue, iris gray
20140	<i>Sula sula</i>	J		405-222-86-39-77 827.4 gm. W. span 270 Total L. 171	"	"	"	
20141	<i>Anthus cedrorum</i>	A	♀	? - 68-12-25-22 23.7 gm.	"	10-25-63	"	Ovary 1x2 Exceptionally fat Tarsus yellow; no molt Te. 1x2, 1x2; Mod. fat; Body molt
20142	<i>Heteroscelus incanum</i>	A	♂	W. span 479 Mid. Toe 33 Cul. 38	"	"	"	Skeleton - Eaten by rats!! Te. 1x2, 1x2; Sw. fat
20143	<i>Heteroscelus incanum</i>	A	♂	Total L. 246 Tar. 36 83.1 gm. W. span 467 Total L. 354	"	"	"	10% feather follicles active
20144	<i>Anous minutus</i>	A	♀	? - 123-44-25-38 101.3 gm. W. span 665 Mid. Toe 35 Cul. 44	"	10-26-63	"	Skeleton Sw. fat; Molting on head, neck, primaries + rectrices
20145	<i>Anous minutus</i>	A	♀	Total L. 335 Tar. 24 102.8 gm.	"	"	"	



No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20146	<i>Anous minutus</i>	A	♂	w. span 638 Total l. 344	Wirtz + Ludwig	10-26-63	Green I., Kure Is.	Te. 1x3, 1x2; Sw. fat; Generalized molt Central 2 rectrices, active follicles Small fish in stomach. testes 7mm RBC 487
20147	<i>Phaethon rubricauda</i>	A	♂	w. span 476 Total l. 229	"	"	"	Broken wing
20148	<i>Pterodroma interpres</i>	A	♀	? - 58-22-31-29 85.1 gm.	"	10-28-63	"	Ovary 8x4; Mod. fat; Many of rectrices + covert follicles active; 50% body follicles active
20149	<i>Pterodroma interpres</i>	A	♀	? - 57-23-29-28 89 gm.	"	"	"	Ovary 7.5x3; Capital tract active Some body follicles active; Mod. fat
20150	<i>Anous stolidus</i>	J	♀	w. span 837 Total l. 393 - 152-40-28-42 182.2 gm.	"	10-29-63	"	Skeleton No molt Very fat
20151	<i>Erolia acuminata</i>	A	♀	132-56-24-34.5-31 34.2 gm.	"	"	"	Ovary 5x3; most body follicles inactive; Sw. fat Partial skel. + skin; Iris, legs gray-green yellow
20152	Duck	J?	♀	w. span 725 Total l. 398 213-79-41.5-43-67 386.3 gm.	"	"	"	Ovary 6x4 Iris yellow; Sw. fat
20153	<i>Sula sula</i> food samples				wirtz, ludwig Amerman	begun 11-05-63	"	
20154	<i>P. endaus</i>				"	11-06-63	"	Alcoholic
20155	<i>P. endaus</i>				"	"	"	Alcoholic
20156	<i>Monarchia schauinslandi</i>	A.	♀		"	11-10-63	"	Details in Wirtz's notes this date
20157	<i>Pterodroma hypoleuca</i>	A	♂		"	11-?-63	"	
20158	Duck				Ludwig	11-13-63	Sand I., Midway Is.	Skeleton found on beach
20159	<i>Pterodroma hypoleuca</i>				"	"	"	
20160	<i>Gygis alba</i>				"	"	"	
20161	<i>Coccyzus alba</i>		♀		"	"	"	Clapp <del>474</del> 476
20162	<i>Puffinus pacificus</i>	A	♂	168-60-24-46-32	(Prep. Clapp)	"	"	Testes about 2 mm - very fat RBC 469
20163	<i>Erolia acuminata</i>				"	"	"	
20164	<i>Anous stolidus</i>				"	"	"	
20165	<i>Anous stolidus</i>				"	"	"	
20166	Duck				"	"	"	
20167	<i>Anous stolidus</i>				"	"	"	
20168	<i>Coccyzus alba</i>		♂		"	"	"	Clapp 475
20169	<i>Oceanodroma markhami</i>				"	"	"	
20170	<i>Demigetta immutabilis</i>	A	♀	509-192-108-90-115 2997.8 gm.	Wirtz, Ludwig Amerman	11-14-63	Green I., Kure Is.	No molt; Tract preserved; Mod. fat; Largest ovum 62mm; 6 squid beaks; Cestodes seen
20171	<i>Castro</i>				"	11-15-63	"	
20172	<i>Sula sula</i>	J			"	"	"	Killed by CG during banding
20173	<i>Fregata minor</i>	J			"	11-16-63	"	Broken wing
20174	<i>Fregata minor</i>	A	♂	598-422-109-27-54 1134.6 gm.	"	11-23-63	"	Te. 9x6, 6.5x4.5

No.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20175	<i>Puffinus pacificus</i>	I		258-135-40-50-57 197 gm.	Wirtz, Ludwig Amerman	11-25-63	Green I., Kure Is.	RBC 477
20176		I	♀		Ludwig?		"	no other information on tag WSK <del>no other information on tag WSK</del>
20177	<i>Phaethon dominica</i>	A					"	Ovary about 6 mm. RBC 470
20178	<i>Phaethon lepturus</i>	A	♀	229-135-24-29-38 162.2 gm.	Clapp	12-11-63	"	Dead to broken wing Coll. near S Pt. legs grayish green; iris dark brown, bill black RBC 484
20179	<i>Philomachus pugnax</i>		♂	185-69-35-52-40 181.6 gm.	Clapp	"	"	testes about 2 mm. Very fat. RBC 478
20180	<i>Oceanodroma markhami</i>		♂	178-111-17.5-26.5-28 82.4 gm	King	1-1-64 <del>1-13-63</del>	"	hable in freezer gave only data RBC 478 Ovary 8 mm testes 4 mm fat RBC 473
20181			♀			11-13-63	"	ovary 8mm. RBC 473
20182	<i>Gygis</i>		?	THIS TAG TAKEN FROM GYGIS ALBA SKIN WITH NO DATA. NO DATA AVAILABLE ANYWHERE	Ludwig?		Sand Island Midway Atoll?	may be same as 20160? no information on bird bird emaciated. sex unascertainable RBC 472
20183	<i>Fulmarus glacialis</i>		♂	300-110-38-50-74 after freezing: 470 gm	Clapp	1-16-64	Green Island Kure Atoll	testes 2x1 Found on beach at North Point bird emaciated - no fat dark phase RBC 491
20184	<i>Diomedea immutabilis</i> x <i>D. nigripes</i>		♀	508-146-104-103-122 3110 gm.	King	1-26-64	Green Island Kure Atoll	ovary 25x16 largest ova 6 moderate fat
20185	<i>Fregata minor</i>		♂	1459 gm.	WIRTZ	2-26-64	"	BROKEN WING
20186			♀		FLEET	2-12-64	"	OVARY 14MM GRANULAR
20187	<i>Fulmarus glacialis</i>				FLEET	2-26-64	"	SKELETON ONLY: PICTURE TAKEN! BROKEN WING
20188			♂		FLEET	2-27-64	"	
20189		A	♂		R. Fleet	3-01-64	"	Dead in antenna field
20190					R. FLEET	3-02-64	"	dead on south point
20191		A			W. WIRTZ	3-03-64	"	found injured: skeleton only.
20192		newborn	♀		W. WIRTZ	3-01-64	"	skeleton, + organs preserved
20193		A			W. O. WIRTZ	3-04-64	"	skeleton only; dead in S antenna field
20194		A	♂	430-186-105-63-100 4 lbs. 12 oz.	W.O. WIRTZ	3-06-64	"	te. 20x10; 21x10 skeleton only largest ovum 1mm.
20195	<i>Phaethon lepturus</i>	A	♀	232-118-25-29-34 131.1 gm.	W.O. WIRTZ	3-06-64	"	skeleton only
20196					W.O. WIRTZ	3-06-64	"	alcoholic
20197				294-142-38-47-58 397.8 gm.	W.O. WIRTZ	3-13-64	"	dark phase
20198	<i>Pterodroma alba</i>		♂	129-72-22-22-22.5 27.3 gm.	R. Fleet	"	"	TESTES R. 2x1 = L. 1.5x1 =
20199	<i>Gecko</i>				W. O. WIRTZ	3-17-64	"	in piece of pipe on pipe rack
20200	<i>Phaethon lepturus</i>	A	♂	228-115-26-29-40 105.2	W. O. WIRTZ	3-23-64	"	skeleton only
20201	<i>Phaethon lepturus</i>	J	♀	TL 55 T 2 1/2 FF 11 1/2 HF 11 + 10 1/4 G 45 all inches 180 lbs. (wet)	W. O. WIRTZ	3-28-64	"	skeleton + tissue sections found dead in lagoon testes 32x17, 27x14 clapp 490
20202	<i>Diomedea nigripes</i>	A	♂	511-155-103-95-133	Ludwig	3 Dec 63	Eastern Island Midway Atoll	mod fat
20203	<i>Fulmarus glacialis</i>	A			WIRTZ	3-28-64	GREEN ISLAND, KURE ATOLL	SKELETON ONLY!

NO.	SPECIES	AGE	SEX	MEASUREMENTS	COLLECTOR	DATE	LOCALITY	REMARKS
20204	FULMARUS glacialis	A			WIRTZ	3-30-64	GREEN IS., KURE ATOLL	SKELETON ONLY!
20205	Sula sula	N			W. O. WIRTZ	3-31-64	"	alcoholic < 1 day old
20206	Sula sula	N			W. O. WIRTZ	4-01-64	"	alcoholic 1 week old, 2nd chick
20207	Sula dactylatra	N			W. O. WIRTZ	4-02-64	"	alcoholic 4 days old, 2nd chick
20208	Sula dactylatra	N			W. O. WIRTZ	4-03-64	"	alcoholic < 1 day old 2nd chick
20209	egg larva ??				R. R. FLEET	4-04-64	"	alcoholic - found on beach
20210	Sula dactylatra	N			W. O. WIRTZ	4-13-64	"	alcoholic - 3 days old 2nd chick
20211	Thinga glareola	N			P. Ludwig RR FLEET	12-11-63 <del>4-15-64</del>	RBC Sand Is., Midway Atoll " Midway Atoll	SKIN - alcoholic - just hatched.
20212	CROCETHIA ALBA		♂		RR FLEET Harvey Fisher	12-11-63 <del>4-15-64</del>	SAND IS. Midway Atoll " KURE	SKELETON alcoholic Capt. alive by Harvey Fisher - died in capt. on Kure
20213	egg larva ??							
20214	egg larva ??				STATION PERSONNEL	4-18-64	"	ALCOHOLIC.
20215	egg larva ??				STATION PERSONNEL	4-21-64	"	ALCOHOLIC.
20216	Phaethon rubricauda		chick			4-15-64	GREEN IS., KURE ATOLL	Alcoholic found dead, oiled probably died about skeleton Nov. 25, 1963
20217	egg larva ??				Ludwig	12-4-63	SAND IS., Midway Atoll	
20218	Erebia acaesata	A	♀		Ludwig	12-17-63	SAND IS., Midway	
20219			♀	233-115-24.5-32.5-38	Clapp	12-23-63	Green Is. Kure Atoll	ovary about 8mm no molt broken wing <del>hemorrhage</del> Ovary 15x12 mm. Moderate fat. RBC 485 Clapp 483
20220			♀	244-89-34.5-36-53	Clapp	12-12-64	Sand Is., Midway Atoll	Bill blue with black tip - legs + feet black Testes 10x3 mm. Fairly heavy fat Clapp 482
20221			♂	269-84-39-37.5-54	Clapp	12-12-64	Sand Island, Midway Atoll	Bill blue with dark tip; tarsus + toes dark grey - iris dk br. Testes 2mm x 1 mm.
20222			♂	119-51-32.5-25.5-25	Clapp	12-12-64	Sand Island, Midway Atoll	Bill, legs, + feet black Testes 2mm x 1 mm. Clapp 480 Clapp 479
20223	ALBA		♂	122-53-23-23-20	Clapp	12-12-64	Sand Island, Midway Atoll	Collected over-run area; Bill black; legs + feet black Testes 3x1 mm. Clapp 481
20224	Capella stenura		♂	157-51-60-33-37	King	1-13-64	Green Island, Kure Atoll	Iris brown; bill dk brown fading to dull yellow at base; legs + toes olive yellow-grey ovary 21x10 largest ova 4x4 FWS band 737-45117
20225		A	♀		King	1-16-64	Green Island Kure Atoll	absolutely no fat - bird emaciated - broken wing ovary 11x5 largest ova 2x2 RBC 486 RBC 488
20226		A	♀	218-109-24.5-36-37	King	1-17-64	Green Island Kure Atoll	moderate fat Found dead outside timer room TWO PELLETS, DATE OF COLLECTION UNKNOWN
20227	EGG PELLETS (???)				WISLOCHI	05-10-64	GREEN ISLAND, KURE ATOLL	FOUND DEAD ON BEACH BY C.G. MAN
20228	CCEANODROMA LEUCORHOA			17-25-27-57-82	WISLOCHI	05-10-64	GREEN ISLAND, KURE ATOLL OFF REEF	
20229	HERMIT CRAB				WISLOCHI	05-25-64	GREEN ISLAND, KURE ATOLL OFF REEF	PROPERTY OF C.G. REMOVED FROM SHELL - SHELL <del>EMPTY</del>
20230	PARASITE FROM HERMIT CRAB				WISLOCHI	05-25-64	GREEN ISLAND, KURE ATOLL OFF REEF	FOUND ON CARAPACE OF 20229
20231	EGG				WISLOCHI	05-25-64	GREEN ISLAND, KURE ATOLL OFF REEF	COLLECTED BY COAST GUARDIAN
20232	SEA SLUG (?)				WISLOCHI	05-25-64	GREEN ISLAND, KURE ATOLL	COLLECTED BY COAST GUARDIAN

NO.	SPECIES (STOMACH)	AGE	SEX	MEASUREMENTS	COLLECTOR FLEET #	DATE	LOCALITY	REMARKS
20233	MONACHUS SCHAUINSLANDI (STOMACH)	I	♀		WISLOCKI	06-01-64	GREEN ISLAND, KURE ATOLL SOUTHWEST BEACH	PUP # 313, REFER TO SEAL DATA
20234	ECTOPARASITE- SULA DACTYLATRA				WISLOCKI	06-04-64	GREEN ISLAND, KURE ATOLL	REMOVED FROM NECK OF SULA DACTYLATRA CHICK
20235	Pterodroma hypoleuca (STOMACH)	S		After freezing: 189 gm. TL 293 W 188 TAIL 96 C 24 TS 32 MT 37	SUNDELL	06-06-64	SAND ISLAND, MIDWAY ATOLL	FOUND DEAD ON LAWN ACROSS FROM BDO
20236	MONACHUS SCHAUINSLANDI (SKELETON)	I	♂		WISLOCKI FLEET #	06-11-64	SAND ISLAND, KURE ATOLL	PUP # 338, REFER TO SEAL DATA
20237	MONACHUS SCHAUINSLANDI (SKELETON)	I	♀		WISLOCKI	06-01-64	GREEN ISLAND, KURE ATOLL	PUP # 313, REFER TO SEAL DATA
20238	MONACHUS SCHAUINSLANDI (SKELETON)	I	♂		WISLOCKI	06-11-64	SAND ISLAND, KURE ATOLL	PUP # 338, REFER TO SEAL DATA
20239	MONACHUS SCHAUINSLANDI	I	♀	TL 53" T. 3" FF 9.5" HF 10.5 Weight 67oz other measurements metric	WISLOCKI	06-13-64	GREEN ISLAND, KURE ATOLL	PUP # 323, REFER TO SEAL DATA
20240	Sula dactylatra	I		Weight 32 oz TL 30 [inches] W 77 TAIL 67 Cul 96 M. Toe 100 Wing 338	WISLOCKI	06-16-64	GREEN ISLAND, KURE ATOLL	NEST #10 80 days old CHICK #10 REFER TO REPRO. STUDY DATA
20241	Sula dactylatra	I		Weight 32 oz TL 25 1/2 [inches] TAIL 57 Cul 96 M. Toe 93 Wing 258	SUNDELL	06-17-64	GREEN ISLAND, KURE ATOLL	NEST #5 86 days old found dead near nest CHICK #5 REFER TO REPRO. STUDY DATA
20242	Sula leucogaster	N			SUNDELL	06-18-64	GREEN ISLAND, KURE ATOLL	NEST #11 chick #11 found dead near nest ALCOHOLIC 3 days old 2nd chick
20243	Sula leucogaster	N			SUNDELL	06-23-64	GREEN ISLAND, KURE ATOLL	NEST #14 chick #14 found dead near nest ALCOHOLIC 2 days old 2nd chick
20244	Sula leucogaster (skeleton)	N			SUNDELL	06-26-64	GREEN ISLAND, KURE ATOLL	NEST #17 chick #17 found dead in nest ALCOHOLIC 4 days old 1st chick
20245	Monachus schauinslandi	I	♂	TL 57 T 3 FF 10 HF 10 G 48.5 all inches	SUNDELL	06-27-64	GREEN ISLAND, KURE ATOLL	PUP # 325, REFER TO SEAL DATA
20246	Monachus schauinslandi (stomach)	-	-		SUNDELL	06-27-64	GREEN ISLAND, KURE ATOLL	FROM PUP # 325 (SPECIMEN NO. 20245) PICKED UP IN NORTH ANTENNA FIELD
20247	Fregata minor	A	♀	TL WING TAIL CULMEN TARSUS MIDDLE TOE WEIGHT 890-608-424-128-21-93 1369.7 gm	SUNDELL	06-29-64	GREEN ISLAND, KURE ATOLL	BROKE WING ON ANTENNA GUY WIRE 6-27-64 NEST #53 chick #53 found dead near nest
20248	Sula dactylatra	N			SUNDELL	07-02-64	GREEN ISLAND, KURE ATOLL	ALCOHOLIC 4 days old 2nd chick LARGEST OVA 4x5MM
20249	PHAETHON RUBRICAUDA	A	♀	TL WING TAIL CULMEN TARSUS MID. TOE WT. 74CM 334MM 404 63MM 27MM 47MM 21.5	WISLOCKI	05-28-64	GREEN ISLAND, KURE ATOLL	HIT BY AIRCRAFT ON THIS DAY testes 10x4 clapp 489
20250	Sula sula	A	♂	399-235-84.5-34.5-80 540 gm	Clapp	3 Jan 64	Green Is. Kure Atoll	
20251	PHAETHON RUBRICAUDA	A		TL WING TAIL CULMEN TARSUS MID. TOE WT. 79.5CM 325MM 452MM 62MM 30MM 49MM. 226g	WISLOCKI	07-03-64	GREEN ISLAND, KURE ATOLL	BROKE WING ON WHIP ANTENNA NEST #24 CHICK #24 found dead near nest
20252	Sula leucogaster	N			SUNDELL	07-04-64	GREEN ISLAND, KURE ATOLL	ALCOHOLIC 1 days old 2nd chick OVARY 7x5 - FOLLICLES WELL DEVELOPED LARGEST FOLLICLE 2.5MM
20253	Sterna lunata	A	♀	257-160-43-21.5-29 103.6 gm	WIRTZ	07-23-64	GREEN ISLAND, KURE ATOLL	BROKEN WING FROM HITTING ANTENNA
20254	Anous stolidus	I		153-68-33-31-39 220.7	Wirtz	07-24-64	Green Island, Kure Atoll	Killed by dogs
20255	Phaethon rubricauda	A		308-388-60-27-44 455.1g	Wirtz	07-24-64	Green Island, Kure Atoll	Injured on transmitter road
20256	Sterna lunata	A	♂	273-166-44-22-30 114.9 gm	SUNDELL	07-25-64	GREEN ISLAND, KURE ATOLL	FOUND DEAD ON SOUTHEAST BEACH K-36 OVARY 13x7MM
20257	Puffinus nativitatus	A	♀	344-90-31-49-51 329.3g	Stadel	07-28-64	Green Island, Kure Atoll	Killed by dogs
20258	Puffinus nativitatus	A		252-92-28.5-44-50 270.3 g	Wirtz	07-28-64	Green Island, Kure Atoll	Killed by dogs
20259	Sterna lunata	A	♀	280-380-123-25-71 1464.3g	Wirtz	07-31-64	Green Island, Kure Atoll	Hit support wires for tower
20260	Sula leucogaster	I	♀	445-180-101-65-101 1787.5g	Wirtz	08-03-64	Green Island, Kure Atoll	BROKEN WING it was under guy wire OVARY MEMBRANEOUS
20261	Sterna lunata	A	♀	432-202-99-55-86 1401.0g	Stadel	08-04-64	Green Island, Kure Atoll	Hit guy wire in Northern Plain

No.	SPECIES	AGE	SEX	MEASUREMENTS	WEIGHT	COLLECTOR	DATE	LOCALITY	REMARKS
20262	<i>Sterna fuscata</i>	A	♂	295-136-44-28-30	202.8	D.L. Stadel	Aug 6, 1964	Green Island, Kure Atoll	Hit Antenna wire TESTES 11X4MM NO MOIT
20263	<i>Sterna fuscata</i>	A	♂	276-124-45-22-29	130.5g	B.O. Wirtz	Aug 9, 1964	Green Island, Kure Atoll	Collected at roost
20264	<i>Sterna fuscata</i>	A	♀	298-179-42-26-26	152.2g	B.O. Wirtz	Aug 9, 1964	Green Island, Kure Atoll	Hit Antenna wire Ovary 10x8mm L. OVUM 2.5MM
20265	<i>Sterna fuscata</i>	A	♀	290-144-43-26-26	167.3g	D.L. Stadel	Aug 8, 1964	Green Island, Kure Atoll	Hit Antenna wire Ovary 10x5mm LARGEST OVUM OVIDUCT ENLARGED
20266	<i>Sterna fuscata</i>	A	♂	? - ? - 37-46-52	?	W.O. Wirtz	July 25, 1964	Green Island, Kure Atoll	Killed by dog
20267	<i>Sterna fuscata</i>	A	♀	306-163-45-27-29	129.2g	D.L. Stadel	Aug 13, 1964	Green Island, Kure Atoll	Ovary 12x4mm LARGEST OVUM 1MM Broken wing, Hit Antenna wire
20268	<i>Puffinus pacificus</i>	A	♀	240-87-32-42-46	279.3g	D.L. Stadel	Aug 15, 1964	Green Island, Kure Atoll	Ovary 9mm L. OVUM 1.5mm Found dead on runway
20269	<i>Sterna fuscata</i>	A	U	294-141-45-27-30	181g	W.O. Wirtz	Aug 14, 1964	Green Island, Kure Atoll	Found under Gull wire with injured wing.
20270	<i>Sterna fuscata</i>	A	♂	299-152-47-23-27	132g	P.G. DuMont	Aug. 14, 1964	Green Island, Kure Atoll	LEFT TESTES 5x2.5mm RIGHT TESTES 3x2mm SMALL UNDEVELOPED Found just off runway with injured wing.
20271	<i>Sterna fuscata</i>	A	♀	298-144-42-25-29	129g	W.O. Wirtz	Aug. 14, 1964	Green Island, Kure Atoll	Ovary 8x5mm L. OVUM 1.5mm Found along runway with injured wing
20272	<i>Puffinus pacificus</i>	?	?			P. Bratley	Aug. 15, 1964	Sand Island, Midway Atoll	Skeletonized
20273	<i>Puffinus pacificus</i>	?	?			P. Bratley	Aug 15, 1964	Sand Island, Midway Atoll	Skeletonized
20274	<i>Sterna fuscata</i>	A	♂	300-135-45-24-28	108gr.	P.G. DuMont	Aug 18, 1964	Green Island, Kure Atoll	TESTES 1.5x0.5mm LITTLE FAT Found injured by Coast Guard chap
20275	<i>Sterna fuscata</i>	N	U			W.O. Wirtz	8-13-64	Green Island, Kure Atoll	alcoholic, 4 days old
20276	<i>Anous stolidus</i>	N	U			P.G. DuMont	8-22-64	Green Island, Kure Atoll	Alcoholic, 1 day old
20277	<i>Anous stolidus</i>	L	U			P.G. DuMont	8-22-64	Green Island, Kure Atoll	Alcoholic, 20 days old
20278	<i>Sterna fuscata</i>	A	♀	298-131-46-26-26	177.6g	D.L. Stadel	Aug 28, 64	Green Island, Kure Atoll	Ovary 11x6mm L. OVUM 2MM Killed while banding
20279	<i>Sterna fuscata</i>	A	♂	298-135-45-27-28	193.8g	D.L. Stadel	8-28-64	Green Island, Kure Atoll	Killed while banding TESTES 8x3mm MODERATE FAT
20280	<i>Sterna fuscata</i>	A	♀	294-181-48-26-26	201.4g	D.L. Stadel	8-28-64	Green Island, Kure Atoll	Killed while banding Ovary 8x5mm LARGEST OVUM 1MM
20281	<i>Phaethon rubricauda</i>	A	♂	324-352-61-39-50	482.5g	P.G. DuMont	8-30-64	Green Island, Kure Atoll	Found with broken wing TESTES 9x4 EACH Ovary 5x3mm
20282	<i>Phaethon rubricauda</i>	A	♀	164-64-39-54-36	48.5 gm.	P.G. DuMont	8-30-64	Green Island, Kure Atoll	alive, very emaciated, in sooty colony Ovary 10x7mm oviduct 3mm OVA MINUTE
20283	<i>Phaethon rubricauda</i>	A	♀	329-301-60-32-43	444.7g	D.L. Stadel	9-2-64	Green Island, Kure Atoll	Hit antenna wire, broken wing SKIN: Cuticle 4x2mm.
20284	<i>Phaethon rubricauda</i>	A	♂	149-61-22-28-27	75.8g	P.G. DuMont	9-6-64	Green Island, Kure Atoll	Taken in mist; killed cause of injury to right wing
20285	<i>Phaethon rubricauda</i>	A	♀	284-162-42-28-41	153.5g	P.G. DuMont	9-07-64	Green Island, Kure Atoll	LEFT TESTES 14x5mm LARGEST OVUM 2mm unable to fly or walk; falls forward
20286	<i>Phaethon rubricauda</i>	I	♂	391-240-80-36-75	768.0g	W.O. Wirtz	9-08-64	Eastern Is. Midway	Died in captivity TESTES 10x2mm R+L. GREY IN COLOR Ovary 11x3mm
20287	<i>Eudromias morinellus</i>	A?	♀	165-76-17.5-40-24	75.5g	P.G. DuMont	9-9-64	Green Island, Kure Atoll	Collected in Nets. Unknown Species Ovary 5x5mm oviduct enlarged
20288	<i>Eudromias morinellus</i>	A	♀	227-120-25-31-35	142g	P.G. DuMont	9-10-64	Green Island, Kure Atoll	Collected in Nets Ovary 5x18mm LIGHT FAT
20289	<i>Eudromias morinellus</i>	Imm	♀	405-223-85-41-79	821.5	D.L. Stadel	9-11-64	Green Island, Kure Atoll	Live captured; unable to fly or walk.
20290	<i>Eudromias morinellus</i>	A	♂	225-119-26-38-39	161.5	P.G. DuMont	9-13-64	Green Island, Kure Atoll	Died after entanglement in mist net. TESTES 7mm

No.	Species	Age	Sex	Measurements	Weight	Collector	Date	Locality	Remarks
20291	<i>Pterodroma hypoleuca</i>	A	♀	230-119-27-31-37	140 g.	P.G. DuMont	Sept. 13, 1964	Green Island, Kure Atoll	Found unable to fly in middle of runway
20292	<i>Pterodroma hypoleuca</i>					W.O. Wirtz II	Sept. 9, 1964	Green Island, Kure Atoll	Found dead on beach; skeletonized Ovary 6x4mm L. Ovary less than 1mm
20293	<i>Pterodroma hypoleuca</i>	A	♀	294-143-41-25-29	134.5 g.	P.G. DuMont	Sept. 13, 1964	Green Island, Kure Atoll	Live capture with crippled wing Ovary 7mm L. Ovary 1mm
20294	<i>Pterodroma hypoleuca</i>	A	♀	304-130-41-25-28	147.3 g.	W.O. Wirtz II	Sept. 13, 1964	Green Island, Kure Atoll	Found injured along runway TESTIS 3x1mm
20295	<i>Puffinus pacificus</i>	A	♂	105-58-25-42-31	97.3 g.	P.G. DuMont	Sept. 15, 1964	Green Island, Kure Atoll	starving, too weak to fly
20296	<i>Puffinus pacificus</i>	L	U	193-93-33-28-38	205. g.	P.G. DuMont	Sept. 15, 1964	Green Island, Kure Atoll	Died of possible broken neck
20297	<i>Puffinus pacificus</i>	A	♂			W.O. Wirtz II	Sept. 10, 1964	Green Island, Kure Atoll	Died after capture by J.P. Kelly of Sea Life Park
20298	<i>Sterna fuscata</i>	L	U			P.G. DuMont	Sept. 20, 1964	Green Island, Kure Atoll	Dead in Central Roost; skeletonized
20299	<i>Sterna fuscata</i>	L	U			P.G. DuMont	Sept. 20, 1964	Green Island, Kure Atoll	Dead in Central Roost; skeletonized
20300	<i>Sterna fuscata</i>	L	U			P.G. DuMont	Sept. 20, 1964	Green Island, Kure Atoll	Dead in Central Roost; skeletonized
20301	<i>Sterna fuscata</i>	L	♂	305-137-35-25-29	159.5 g.	P.G. DuMont	Sept. 20, 1964	Green Island, Kure Atoll	Dead in Central Roost; skeletonized TESTES 1.5mm
20302	<i>Sterna fuscata</i>	L	♂	270-131-31-24-27	131.5 g.	P.G. DuMont	Sept. 20, 1964	Green Island, Kure Atoll	Captured in Central Roost w/ injured wing TESTES MINUTE
20303	<i>Sterna fuscata</i>	L	U	293-117-38-25-29	134.2 g.	P.G. DuMont	Sept. 20, 1964	Green Island, Kure Atoll	Captured in Central Roost with injured wing
20304	<i>Puffinus pacificus</i>	A	♀	309-151-43-51-61	339.0 g.	W.O. Wirtz II	Sept. 23, 1964	Green Island, Kure Atoll	Mist net capture; injured left leg + wing Ovary 10.5mm L. Ovary 1mm
20305	<i>Puffinus pacificus</i>	A	♂	304-137-39-50-61	317.5 g.	W.O. Wirtz II	Sept. 23, 1964	Green Island, Kure Atoll	Mist net capture; injured left wing TESTES 2x3x1mm
20306	<i>Pterodroma hypoleuca</i>	A	♀	226-121-26-31-37	129.8 g.	W.O. Wirtz II	Sept. 23, 1964	Green Island, Kure Atoll	Mist net capture; injured wing + leg Ovary 7x3mm L. Ovary 1.5mm
20307	<i>Pterodroma hypoleuca</i>	A	♀	227-117-25-29-35	132.7 g.	W.O. Wirtz II	Sept. 23, 1964	Green Island, Kure Atoll	Mist net capture; injured wing Ovary 7mm
20308	<i>Puffinus pacificus</i>	A	♂	304-140-39-52-60	348.9 g.	W.O. Wirtz II	Sept. 22, 1964	Green Island, Kure Atoll	Mist net capture; injured wing left testis 3x4mm F. 2x4mm moderate fat
20309	<i>Uria lomvia</i>	A	♂	141-66-29.5-28-28	48.6 g.	W.O. Wirtz II	Sept. 25, 1964	Green Island, Kure Atoll	TESTES 2.5x1mm
20310	<i>Uria lomvia</i>	A	♀	128-52.5-27-29-28	39.2 g.	W.O. Wirtz II	Sept. 25, 1964	Green Island, Kure Atoll	OVARY 4x2mm
20311	<i>Uria lomvia</i>	A	♂	138-54-29.5-29-27	48.5 g.	W.O. Wirtz II	Sept. 25, 1964	Green Island, Kure Atoll	SKIN: testes approx. 3x3mm.
20312	<i>Puffinus pacificus</i> ?	?	♂	285-123-35.5-48-58	200.6 g.	G. Petrucci	Sept. 26, 1964	Green Island, Kure Atoll	Gonads: QUESTIONABLE TESTIS FOUND. LEFT TESTIS 4x5mm
20313	<i>Puffinus pacificus</i>	A	♂	297-129-39-49-57	408.2 g.	P.G. DuMont	Sept. 28, 1964	Green Island, Kure Atoll	Trod upon while night banding
20314	<i>Puffinus pacificus</i>					P.G. DuMont	Sept. 29, 1964	Green Island, Kure Atoll	Skeletonized
20315	<i>Puffinus pacificus</i>					P.G. DuMont	Sept. 29, 1964	Green Island, Kure Atoll	Skeletonized
20316	<i>Puffinus pacificus</i>					P.G. DuMont	Sept. 29, 1964	Green Island, Kure Atoll	Skeletonized
20317	<i>Puffinus pacificus</i>	A	U	303-142-39-50-58	354.2 g.	W.O. Wirtz II & DL Stadel	Sept. 29, 1964	Green Island, Kure Atoll	Skeletonized (broken wing) OVARY 3x2mm
20318	<i>Puffinus pacificus</i>	A	♀	148-60.5-23-26-25	69.2 g.	W.O. Wirtz II	30 Sept. 1964	Green Island, Kure Atoll	broken wing Ovary 3 1/2 x 12mm L. Ovary 2mm
20319	<i>Puffinus pacificus</i>	A	♀	303-139-41-51-61	353.2 g.	P.G. DuMont	Oct. 1, 1964	Green Island, Kure Atoll	Died in Mist net Small

No.	Species	Age	Sex	Measurements	Weight	Collector	Date	Locality	Remarks
20320		A	♂	295-141-39-56-55-	368.7 g	D.L. Stadel	Oct 1, 1964	Green Island, Kure Atoll	Left testis 6x3mm P. 5.5mm x 2mm ENLARGED
20321		A	♂	241-91-95-56-45	324.5 g	P.G. DuMont	Sept. 30, 1964	Green Island, Kure Atoll	Dead in mist nets Moderate fat. TESTES L. 1.7x4MM R. 1.7x.5MM
20322		A	♀	294-138-39-48-57	276.2 g	P.G. DuMont	Oct. 2, 1964	Green Island, Kure Atoll	Hand capture at night; pulled right shoulder OVIDUCT ENLARGED
20323		A	♀	131-60-34-27-27	68.4 g	P.G. DuMont	Oct. 2, 1964	Green Island, Kure Atoll	Found dead Ovary 10x3mm
20324		A	♀	225-121-26-31-37	159.1 g	P.G. DuMont	Oct. 4, 1964	Green Island, Kure Atoll	Found dead Ovary 5x8mm LARGEST OVUM 1MM
20325		A	♀	230-117-25-29-37	151.5 g	P.G. DuMont	Oct. 5, 1964	Green Island, Kure Atoll	Died in mist net 7x4mm LARGEST OVUM 1MM
20326		A	♀	227-113-26-30-36	147.1 g	P.G. DuMont	Oct. 5, 1964	Green Island, Kure Atoll	LEFT OVIDUCT ENLARGED LARGEST OVUM 1.5 " R. Ovary 7x3mm
20327		A	♂	296-145-43-49-59	335.0 g	P.G. DuMont	Oct. 5, 1964	Green Island, Kure Atoll	L. TESTES 5.5x2.5mm
20328		A	♂	292-134-42-50-58	340.5 g	P.G. DuMont	Oct. 5, 1964	Green Island, Kure Atoll	" R. TESTES 6x1.5mm
20329		A	♀	298-142-39-50-57	296.5 g	P.G. DuMont	Oct. 5, 1964	Green Island, Kure Atoll	L. TESTES 4x6mm
20330		A	♂	233-121-26-31-36	141.0 g	P.G. DuMont	Oct. 8, 1964	Green Island, Kure Atoll	" R. TESTES 3x5mm
20331		A	♂	163-61-25-48-33	106.0 g	W.O. Wirtz	Oct. 8, 1964	Green Island, Kure Atoll	Found dead Ovary 8x3mm LARGEST OVUM 1.5mm
20332		A	U	166-63-25-43-29	123.3 g	P.G. DuMont	Oct. 8, 1964	Green Island, Kure Atoll	Abundant fat, stomach preserved
20333		A	♂	385-109-94-50-99	1094.0 g	P.G. DuMont	Oct. 10, 1964	Green Island, Kure Atoll	LEFT TESTES 5x5mm Right TESTES 5x5mm
20334		A	♀	405-195-93-47-77	1062.0 g	P.G. DuMont	Oct. 10, 1964	Green Island, Kure Atoll	TESTES 5x2.5
20335		A	♂	302-144-41-51-61	324.0 g	W.O. Wirtz	Oct. 10, 1964	Green Island, Kure Atoll	SKIN: Testes approx 2x1.5mm
20336		A	♀	300-151-41-50-60	326.0 g	W.O. Wirtz	Oct. 10, 1964	Green Island, Kure Atoll	Skeletonized
20337		A	♂	228-121-26-31-36	147.0 g	P.G. DuMont	Oct. 11, 1964	Green Island, Kure Atoll	96 days old LEFT TESTES 5x1.5mm
20338		A	♀	226-123-26-30-34	142.0 g	R.R. Fleet	Oct. 12, 1964	Green Island, Kure Atoll	85 days old
20339		A	♀	305-142-38-51.5-60	325.2 g	R.R. Fleet	13 Oct. 1964	Green Island, Kure Atoll	LEFT TESTES 2x5mm
20340		A	♂	305-140-42-52-61	384.5 g	R.R. Fleet	14 Oct. 1964	Green Island, Kure Atoll	Ovary 10x5mm LARGEST OVUM 2mm
20341		A	♂	286-168-45-26-39	218.0 g	R.R. Fleet	14 Oct 1964	Green Island, Kure Atoll	LEFT TESTES 4x7mm MODERATE FAT
20342		A	♀	279-156-42-26-40	164.0 g	R.R. Fleet	14 Oct 1964	Green Island, Kure Atoll	RIGHT TESTES 3x5mm
20343		A	♂	307-143-41-53-62	370.0 g	R.R. Fleet	14 Oct. 1964	Green Island, Kure Atoll	OVIDUCT ENLARGED
20344		Imm	♂	297-160-40-29-43	201.6 g	R.R. Fleet	15 Oct. 1964	GREEN ISLAND, KURE ATOLL	Ovary 6x11mm LARGEST OVUM 1.5
20345		A	♀	307-145-41-50-61	356.0 g	W.O. Wirtz	15 Oct. 1964	Green Island, Kure Atoll	Ovary 13x7mm LARGEST OVUM 2mm
20346		A	U	305-145-39-49-59	325.8 g	W.O. Wirtz	16 Oct. 1964	Green Island, Kure Atoll	TESTES LEFT 3x5 Right 1x2mm black
20347		A	♂	291-162-42-27-39	152.0 g	W.O. Wirtz	15 Oct. 1964	Green Island, Kure Atoll	Right TESTES 2x4mm black
20348		A	U	232-118-26-22-34	148.0 g	W.O. Wirtz	16 Oct. 1964	Green Island, Kure Atoll	LEFT TESTES 2x5mm white

No.	Species	Age	Sex	Measurements	Weight	Collector	Date	Locality	Remarks
20349	<i>Phaethon rubricauda</i>	A	♂	233-117-25-31-37	164.0 g.	W.O. Wirtz	16 Oct. 1964	Green Island, Kure Atoll	Injured in <sup>with</sup> net <sup>LARGEST</sup> TESTES 2.5x1mm
20350	<i>Sula sula</i>	I	u	443-182-109-62-96	1619 g.	W.O. Wirtz	16 Oct. 1964	"	prob. starved to death
20351	<i>Phaethon rubricauda</i>	A	u	306-145-39-51-58	430.0 g.	W.O. Wirtz	16 Oct. 1964	"	Skeletonized
20352	<i>Phaethon rubricauda</i>	A	u	303-139-40-50-59	363.0 g.	W.O. Wirtz	16 Oct. 1964	"	Skeletonized
20353	<i>Phaethon rubricauda</i>	A	u	232-120-26-29-36	171.0 g.	W.O. Wirtz	16 Oct. 1964	"	Skeletonized
20354	<i>Phaethon rubricauda</i>	A	u	<del>406</del> - <del>337</del> = 63-32-50	457.0 g.	R.R. Fleet	16 Oct. 1964	"	Skeletonized
20355	<i>Phaethon rubricauda</i>	A	u	? ? ? ? ?	?	W.O. Wirtz	16 Oct. 1964	"	Skeletonized
20356	<i>Phaethon rubricauda</i>	A	u	? ? ? ? ?	?	W.O. Wirtz	18 Oct. 1964	"	Skeletonized
20357	<i>Phaethon rubricauda</i>	A	u	233-122-27-33-38	129.5 g.	W.O. Wirtz	20 Oct. 1964	"	Skeletonized
20358	<i>Phaethon rubricauda</i>	A	u	226-121-25-30-35	119.0 g.	W.O. Wirtz	20 Oct. 1964	"	Skeletonized
20359	<i>Phaethon rubricauda</i>	A	♀	230-120-26-30-36	149.5 g.	W.O. Wirtz	24 Oct. 1964	"	SKIN Ovary 11x6mm. ovum .5mm.
20360	<i>Phaethon rubricauda</i>	Im	u	421-225-83-42-80	990.0 g.	R.R. Fleet	25 Oct. 1964	"	Skeletonized
20361	<i>Phaethon rubricauda</i>	A	F	227-121-25-28-37	141.3 g.	W.O. Wirtz	26 Oct. 1964	"	Skeletonized
20362	<i>Phaethon rubricauda</i>	A	M	435-188-103-52-104	-	C.B. Kepler	29 Oct. 1964	"	skeletonized
20363	<i>Phaethon rubricauda</i>	L	♀	<del>418</del> - 211-101-44-90	271.4 g.	C.B. Kepler	30 Oct. 1964	"	SKIN ovary 9x2mm
20364	<i>Phaethon rubricauda</i>	A	u	282-180-43-23-44	165.7 g.	C.B. Kepler	31 Oct. 1964	"	SKIN
20365	<i>Phaethon rubricauda</i>	A	♂	231-125-21-31-38	151.4 g.	C.B. Kepler	2 Nov. 1964	"	SKIN
20366	<i>Phaethon rubricauda</i>	A	♀			W.O. Wirtz	30 Oct. 1964	Sand Is. Midway Atoll	OVARY 3x2mm
20367	<i>Phaethon rubricauda</i>	A	♂			"	"	"	TESTES 2.5x1mm
20368	<i>Phaethon rubricauda</i>	A	u	198-55-41-32-64	626 gm.	"	"	"	SKIN
20369	<i>Phaethon rubricauda</i>	A	♀?			"	31 Oct. 1964	"	SKIN ovary approx. 7x2mm. some shot damage. (wt. & measurements not taken.)
20370	<i>Phaethon rubricauda</i>	A	♀			"	"	"	SKIN Ovary 10x2mm
20371	<i>Phaethon rubricauda</i>	F	F			"	"	Eastern Is. Midway Atoll	OVARY 3x3mm
20372	<i>Phaethon rubricauda</i>	A	u			"	"	Sand Is. Midway Atoll	skeleton only
20373	<i>Phaethon rubricauda</i>	I	♀	610-390-120-13-87	1326.3 g.	C.B. Kepler	3 Nov. 1964	Green Is., Kure Atoll	SKIN Ovary 17x5mm.
20374	<i>Phaethon rubricauda</i>	7 days	u	19 - - 19-11-18	28.3 g.	"	6 Nov. 1964	" "	Alcoholic
20375	<i>Phaethon rubricauda</i>	A	♂	140-56-22-23.5-29	82.0 g.	R.R. Fleet	6 Nov. 1964	" "	SKIN TESTIS 3x1mm
20376	<i>Phaethon rubricauda</i>	Fetus	F	Crown Rump 205mm. Fore Flipper 39mm. Hind Flipper 33mm. Uppr 35mm. Lower tail 7mm		W.O. Wirtz	6 Nov. 1964	" "	alcoholic
20377	<i>Phaethon rubricauda</i>	A	F			"	"	" "	skin + skel.



No.	Species	Age	Sex	Measurements	Weight	Collector	Date	Locality	Remarks
20378		I	U	157-68-28-14-30	2.5 oz.	T.G. DuMont	26 Oct. 1964	Sand Is. Midway Atoll	SKIN
20379		A	F	261-101-49-42-60	505.8 gm.	R.R. Fleet	7 Dec. 1964	Green Is. Kure Atoll	SKIN OVARY 17X5MM BOONING SHAPE
20380		A	F	167-59-25.5-47-34	106.0 gm.	R.R. FLEET	8 Nov. 1964	"	SKIN OVARY 10X5MM
20381		I	U	394-183-87-39-78	970.3 gm.	R.R. FLEET	9 Nov. 1964	"	SKIN
20382		I	F	438-264-56-65-65	1090 gm.	R.R. Fleet	10 Nov. 1964	"	SKIN OVARY 17X3MM
20383	MARUSA penelope	I?	F	235-73-31-36-49	251 gm.	L.C. SMITH	10 Nov. 1964	"	SKIN OVARY 17X5MM
20384								"	
20385								"	
20386		I	F	610-360-111-16-77	1304.9	W.O. Wintz	12 Nov. 1964	"	SKIN
20387		I	U	248-108-58-29-48	262.0	C.B. Kepler	13 Nov. 1964	"	SKIN
20388		I	U	310-147-40-50-62	418.4	W.O. Wintz	15 Nov. 1964	"	SKIN
20389		A	♂	297-157-45-25-30	138.5	R.R. Fleet	13 Nov. 1964	"	SKIN BOTH TESTES 4X1MM parasite #164
20390		A	M	615-403-111-17-77	1150.0	W.O. Wintz	13 Nov. 1964	"	SKIN
20391		A	F	#222		R.R. Fleet	18 June 1964	"	skel. only found dead on N Beach
20392		I	U	298-132-40-45-60	341.1 g	P. Daly	22 Nov. 1964	"	found unable to fly
20393		I	U	187-70-38-39-65	164.1 g	C. Kepler	22 Nov. 1964	"	found starved & dehydrated
20394		A	♂	145-57-21-22-29	56.7 g.	C. Kepler	22 Nov. 1964	"	found unable to fly TESTES 2.5MM
20395		A	U			W.O. Wintz	16 Oct 1964	"	
20396		I	U	275-112-55-30-51		RR Fleet	27 Nov. 1964	"	feet & legs pink to blue. bill black w rose streaks iris dark brown. 12 hrs after death. Found starving. SKIN
20397		I	U	400-204-87-39-78	1001 gm.	RR Fleet	28 Nov. 1964	"	SKELETON
20398		I	♂	395-200-87-39-73	704.2 gm	RR Fleet	01 Dec. 1964	"	SKELETON; broken wing.
20399		A	U	460-142-107-87-118	1837.0 gm.	RR Fleet	07 Dec. 1964	"	SKIN
20400		A	F	504-153-103-89-112	2775.6 gm.	RR Fleet	07 Dec. 1964	"	ovary 25x30mm SKLETON ova 12x9mm.
20401		A	M	499-148-103-91-118	NOT TAKEN	RR Fleet	07 Dec. 1964	"	SKLETON testis 15x6mm
20402		A	M	498-153-102-93-118	NOT TAKEN	RR Fleet	07 Dec. 1964	"	SKLETON testis 30x15mm
20403		I	F	463-186-67-86-83	1483.3	Ch. Stadel	24 Dec 1964	"	SKIN
20404		A		510 200-159-111-91-115	9302	Kepler	27 Dec 1964	"	Blood Sample K-1 DISeased - August only SKIN FWS - 737-46089 Blood sample K10
20405	Pissa tridactyla	Imm	F	310-129-38-37-47mm	317.5 gm	Ch. Stadel	30 Dec 1964	"	Broken wing.
20406	Pluvialis dominica	A	♂	172-56-26-48-31mm	94.7 gm	Ch. Stadel	4 Jan 1965	"	TESTES 3X1MM

No	Species	A	Sex	Measurements	Weight	Collector	Date	Location	Remarks
220407	Diomedea immutabilis	A	♀	514-140-104-89-106 mm	2380g	D.L. Stadel	Jan 2, 1965	Green Island Kure Atoll	K-18 FWS 737-91143 Bled & died. Parasites. Fairly complete skeleton found - study chick #10. FWS 737-95810
220408	Sula leucogaster	I	U			C. Kepler	Jan 5, 1965	" " " "	collected by blood #17 died. FWS 737-91086
220409	Diomedea immutabilis	A		502-136-111-90-113 mm	2741g	D.L. Stadel	Jan 7, 1965	" " " "	K-35 FWS 737-91086 Parasites 234 slight sore on back (1/4" across)
220410	Diomedea immutabilis	A	F	491-139-106-75-119 mm	2295.7g	C. Kepler	Jan 8, 1965	" " " "	FWS 737-94717 Parasites 239 Ovary 6x4.5mm L. OVA 1.5x1.5mm
220411	Pterodroma hypoleuca	A	♀	229-119-25-26-37 mm	150.6g	C. Kepler	Jan 15, 1965	" " " "	Sound dead. Parasites 254
220412	Pterodroma hypoleuca			550 mm long	2195g	C. Kepler	Jan 16, 1965	" " " "	Washed Ashore in storm
220413	Pterodroma hypoleuca	Sub A	♂	Skeleton 455-177-60-61-76 mm	1575.5g	D.L. Stadel	Jan 7, 1965	" " " "	Found on beach TESTES 2x5mm
220414	Pterodroma hypoleuca	Sub A	♀	<del>435-162-49-67-57 mm</del>	<del>1006 gr</del>	D.L. Stadel	Jan 17, 1965	" " " "	S. pt. Ectoparasites 255A+B. Shot. Ovary 12x9 OVA-2mm
220415	Pterodroma hypoleuca	Sub A	♀	435-162-49-67-57 mm	1006 gr.	D.L. Stadel	Dec 20, 1965	" " " "	Attestable. Parasites 258
220416	Pterodroma hypoleuca	A		535-161-110-76-228 mm	2737 gr.	Kepler	Jan 20, 1965	" " " "	Sick - collected for Autopsy
220417	Pterodroma hypoleuca					D.L. Stadel	Dec 21, 1965	" " " "	Alcoholic
220418	Rattus exulans	S-A	♀	164-88-21-14 mm	13.8 gm	D.L. Stadel	Jan Dec 22, 65	" " " "	Autopsy, round skin & skeleton. frozen for Autopsy
220419	Diomedea immutabilis	A	U	490-145-112-87-125		D.L. STADOL	Jan Dec 24, 1965	" " " "	
220420	Diomedea immutabilis		♀	238-C-38, Tar=11, Hte=24, T=116	91.3 gm	C. Kepler	Jan 26, 1965	" " " "	(Area AL) with Broken wing oviduct enlarged
220421	Diomedea immutabilis	A	♀	157-62-24-24-31	78.1	R. STANDEN	JAN 27, 1965	" " " "	OVARY 11x7 L. OVUM 3mm Ovary 8x5.5mm L. OVA 5mm MOST OVA SAME SIZE Found dead on beach.
220422	Diomedea immutabilis			145-57-24-40-27	65.4	D.L. Stadel	Jan 28, 65	" " " "	Found Dead
220423	Diomedea immutabilis	A	♂	239-110-38-10.5-29	116.6 gm	C.B. Kepler	Jan 29, '65	" " " "	L. TESTES 1x2mm R. TESTES 1x1mm Found dead
220424	Diomedea immutabilis	A	♀	238-114-24-26-39	155g	C. Kepler	Jan 29, '65	" " " "	OVARY 12x5mm L. OVA 2.5mm Found injured parasites #297.
220425	Diomedea immutabilis			<del>406-161-52-65-77</del>	<del>1270g</del>	D.L. Stadel	Jan 29, 65	" " " "	Skeleton
220426	Diomedea immutabilis	AI	♂	405-161-52-65-77	1270 gm	R. STANDEN	FEB. 1, 65	" " " "	TESTES MINUTE Parasite #304.
220427	Diomedea immutabilis	I		610-375-117-16-78	861.5g	C. Kepler	Feb 2, 65	" " " "	Found injured Parasite #305
220428	Diomedea immutabilis	A	♀	237-104-39-10-29	89.5g	C. Kepler	Feb 6, 1965	" " " "	OVARY 6x3mm Found dead (kept in ice 1 wk, got angry)
220429	Diomedea immutabilis	A	-	461-190-56-65-79	-	C. Kepler	Feb 6, 1965	" " " "	PARASITES #318 Found dead, badly decomposed, skeleton.
220430									
220431									
220432									
220433									
220434									

next ones  
in collection  
Catalog # 3  
Kure & Midway

No

20407

20408

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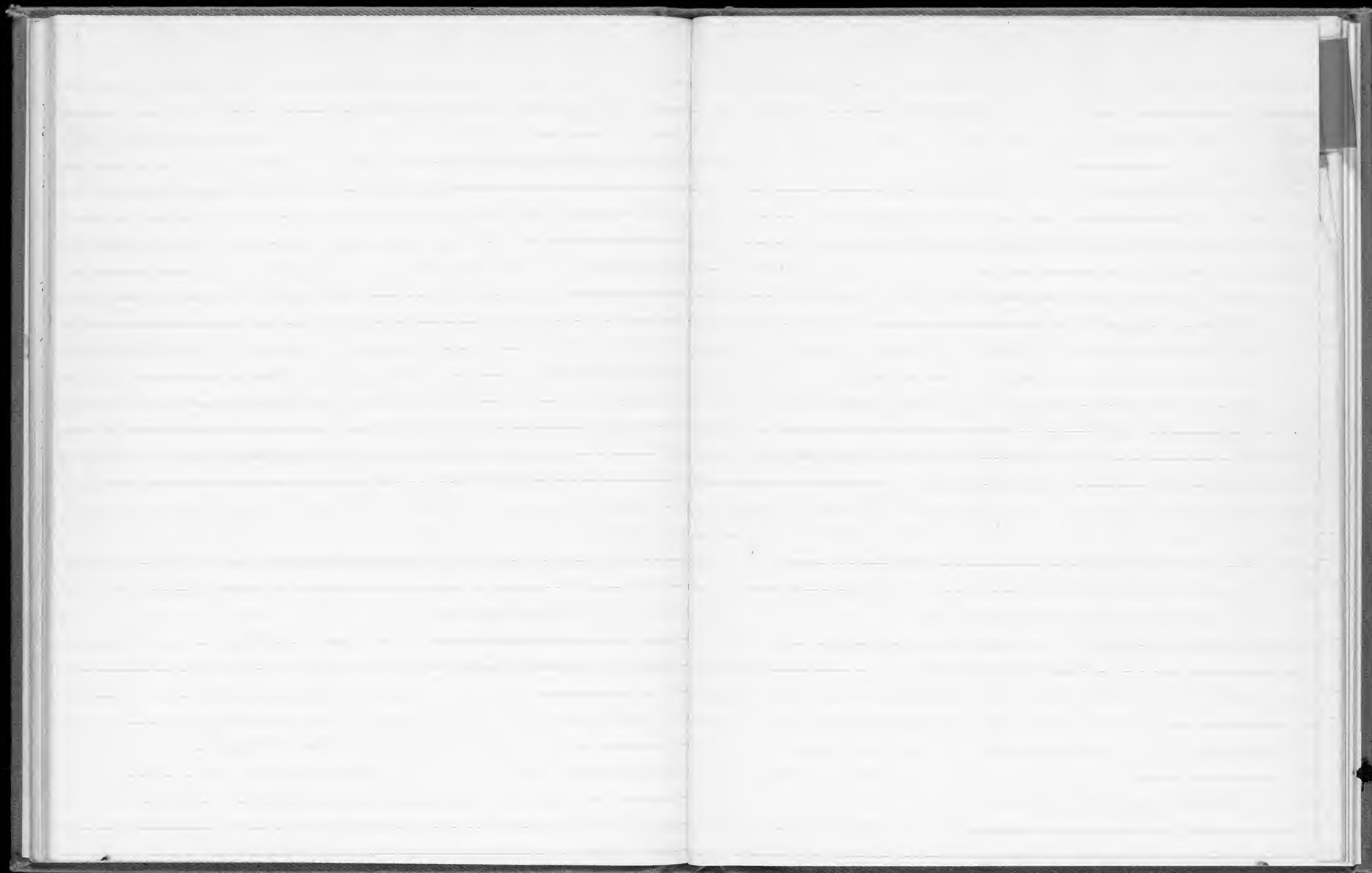
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ECTOPARASITE COLLECTION

Kure Atoll, Hawaii

commenced

August 14, 1964



No.	Reference No.	Species	Age	Sex	Collector	Date	Locality	Collection location --- Remarks
1	FWS 793-20436		A	U	P. G. DuMont	12 Oct. 1964	Green Island, Kure Atoll	Back, breast, underwing surfaces
2	FWS 793-20435		A	U	"	12 Oct. 1964	" "	Underwing surfaces, back, breast
3	FWS 793-20434		A	U	"	12 Oct. 1964	" "	Underwing surfaces
4	FWS 793-20433		A	U	"	12 Oct. 1964	" "	Head, neck, underwing surfaces
5	FN 20344		Imm	U	R. R. FLGGET	15 Oct. 1964	" "	few found, breast & back only.
6	FN 20345		A	U	P. G. DuMont	15 Oct. 1964	" "	Neck, upper back, breast, underwing surfaces
7	FWS 615-08674		A	U	"	15 Oct. 1964	" "	Neck, rear head, underwing surfaces
8	FWS 642-00285		A	U	"	15 Oct. 1964	" "	Underwing surfaces
9	FWS 793-20428		A	U	"	15 Oct. 1964	" "	Neck, upper back, underwing surfaces.
10	FN 20347		A	U	"	15 Oct. 1964	" "	Neck, back, underwing surfaces.
11	FWS 642-00286		A	U	"	15 Oct. 1964	" "	Neck, underwing surface
12	FWS 793-20446		A	U	"	15 Oct. 1964	" "	Neck, back, underwing surfaces.
13	FWS 615-08675		A	U	"	15 Oct. 1964	" "	Neck, back, underwing surfaces, tail.
14	FWS 615-08676		A	U	"	15 Oct. 1964	" "	Back, underwing surfaces.
15	FWS 615-08677		A	U	"	15 Oct. 1964	" "	Neck, underwing surfaces.
16	FN 20346		A	U	"	16 Oct. 1964	" "	Breast, underwing surface
17	FWS 793-20445		A	U	"	16 Oct. 1964	" "	Neck, back, underwing surface
18	FN 20348		A	U	"	16 Oct. 1964	" "	Breast, belly, neck, back, underwing surface.
19	FN 20349		A	U	"	16 Oct. 1964	" "	Chin, belly, breast, undertail coverts, underwing surfaces.
20	FWS 642-00541		A	U	"	12 Oct. 1964	" "	Neck, breast, back, underwing surfaces.
21	FWS 793-20437		A	U	"	13 Oct. 1964	" "	Neck, back, breast, underwing surfaces.
22	FWS 793-20438		A	U	"	13 Oct. 1964	" "	Breast, back, underwing surfaces.
23	FWS 773-18008		A	U	"	13 Oct. 1964	" "	Neck, underwing surfaces.
24	FWS 793-20432		A	U	"	<del>12</del> 13 Oct. 1964	" "	Underwing surfaces.
25	FWS 793-20431		A	U	"	12 Oct. 1964	" "	Underwing surface.
26	FWS 793-20430		A	U	"	12 Oct. 1964	" "	Underwing surfaces.
27	FWS 793-20429		A	U	"	12 Oct. 1964	" "	Neck, underwing surfaces.
28	FN 20343		A	U	"	14 Oct. 1964	" "	Neck, underwing surfaces.
29	FWS 793-20444		A	U	"	14 Oct. 1964	" "	Neck, breast, back, underwing surfaces.

No.	Reference No.	Species	Age	Sex	Collector	Date	Locality	Collection location --- Remarks
30	FWS 793-20443	<i>Amphispiza bilineata</i>	A	U	P.G. DuMont	14 Oct. 1964	Green Island, Kure Atoll	Neck, breast, underwing surface.
31	FWS 793-20442	<i>Amphispiza bilineata</i>	A	U	"	14 Oct. 1964	" "	Neck, breast, tail, underwing surface.
32	FU 20341	<i>Amphispiza bilineata</i>	A	U	"	14 Oct. 1964	" "	Neck, breast, upper back, underwing surface.
33	FWS 773-18911	<i>Amphispiza bilineata</i>	Imm.	U	"	14 Oct. 1964	" "	Underwing surface.
34	FWS 615-08893	<i>Amphispiza bilineata</i>	A	U	"	18 Oct. 1964	" "	Underwing surfaces.
35	FWS 615-08673	<i>Amphispiza bilineata</i>	A	U	"	14 Oct. 1964	" "	Breast, tail, underwing surface. Dark phase.
36	FU 20340	<i>Amphispiza bilineata</i>	A	U	"	14 Oct. 1964	" "	Breast, back, tail, underwing surfaces.
37	FWS 793-20362	<i>Amphispiza bilineata</i>	A	U	"	16 Oct. 1964	" "	Breast, belly, underwing surfaces.
38	FWS 793-20363	<i>Amphispiza bilineata</i>	A	U	"	16 Oct. 1964	" "	Breast, belly, back, underwing surfaces.
39	FWS 793-20364	<i>Amphispiza bilineata</i>	A	U	"	17 Oct. 1964	" "	Neck, breast, belly, underwing surfaces.
40	FWS 793-20365	<i>Amphispiza bilineata</i>	A	U	"	17 Oct. 1964	" "	Neck, head, breast, belly, tail, underwing surfaces.
41	FWS 615-08946	<i>Amphispiza bilineata</i>	A	U	R.R. Fleet	16 Oct. 1964	" "	tail only.
42	FWS 793-20368	<i>Amphispiza bilineata</i>	A	U	P.G. DuMont	18 Oct. 1964	" "	Breast, tail, neck, underwing surfaces.
43	FWS 793-20369	<i>Amphispiza bilineata</i>	A	U	"	18 Oct. 1964	" "	Neck, face, back, tail, breast, belly, underwing surface.
44	FWS 793-20371	<i>Amphispiza bilineata</i>	A	U	"	19 Oct. 1964	" "	Neck, back, breast, tail, underwing surfaces.
45	FWS 793-20372	<i>Amphispiza bilineata</i>	A	U	"	19 Oct. 1964	" "	Neck, back, breast, underwing surfaces.
46	FWS 773-18970	<i>Amphispiza bilineata</i>	Imm.	U	"	19 Oct. 1964	" "	Underwing surfaces, back.
47	FWS 642-00288	<i>Amphispiza bilineata</i>	A	U	"	19 Oct. 1964	" "	Neck.
48	FWS 793-20447	<i>Amphispiza bilineata</i>	Imm.	U	"	20 Oct. 1964	" "	Back, tail, underwing surfaces.
49	FWS 615-08997	<i>Amphispiza bilineata</i>	A	U	R.R. Fleet	20 Oct. 1964	" "	tail & neck
50	FWS 615-08998	<i>Amphispiza bilineata</i>	A	U	"	20 Oct. 1964	" "	tail & neck
51	FWS 793-20448	<i>Amphispiza bilineata</i>	A	U	P.G. DuMont	21 Oct. 1964	" "	Neck, breast, underwing surfaces.
52	FWS 642-00289	<i>Amphispiza bilineata</i>	A	U	"	21 Oct. 1964	" "	Back, breast, underwing surface.
53	FWS 773-18547	<i>Amphispiza bilineata</i>	A	U	"	22 Oct. 1964	" "	Neck, back, breast, chin, underwing surfaces.
54	FWS 773-18544	<i>Amphispiza bilineata</i>	A	U	"	22 Oct. 1964	" "	Neck, back, breast, belly, tail, underwing surfaces.
55	FU 20360	<i>Amphispiza bilineata</i>	Im	U	"	25 Oct. 1964	" "	Neck, upper back, underwing surface.
56	FU 20361	<i>Amphispiza bilineata</i>	A	F	C. Kepler	26 Oct. 1964	" "	Neck, head, chest, belly
57	FU 20362	<i>Amphispiza bilineata</i>	A	M	C. Kepler	29 Oct. 1964	" "	underwing coverts
58	FU 20364	<i>Amphispiza bilineata</i>	A	U	C. Kepler	31 Oct. 1964	" "	underwing covert, neck



No	Reference No	Species	Age	Sex	Collector	Date	Locality	Collection Location --- Remarks
59	FWS 65-09739	<i>Phaethon rubricauda</i>	L	U	R.R. Fleet	11-01-64	GREEN ISLAND, NIUE ATOLL	throat & upper breast.
60	FWS 793-20451	<i>Phaethon rubricauda</i>	A	U	C.B. Kepler	11-01-64	" "	wings, back, breast. Most parasites crawled from bird up my arm.
61	FN 20365	<i>Phaethon rubricauda</i>	A	U	"	11-02-64	" "	mallophaga from rump, belly
62	FN 20373	<i>Phaethon rubricauda</i>	I	U	C.B. Kepler	11-03-64	" "	mallophaga (head, neck, axillars), Hippoboscids (back, under wing coverts)
63	FN 20379	<i>Phaethon rubricauda</i>	A	♀	RR Fleet	11-07-64	" "	head & neck only.
64	FWS 642-00119	<i>Phaethon rubricauda</i>	A	U	C.B. Kepler	11-07-64	" "	Crawled from bird to hand, prob. scapular region.
65	FN 20381	<i>Phaethon rubricauda</i>	I	U	RR Fleet	11-08-64	" "	mallophaga from head, neck & breast.
66	FN <del>20382</del> 20382	<i>Phaethon rubricauda</i>	I	F	RR Fleet	11-10-64	" "	head, body, wings, tail.
67	FN 20383	<i>Phaethon rubricauda</i>	I?	F	RR Fleet	11-11-64	" "	mallophaga from breast & back.
68	FN 20184	<i>Limonia immutabilis</i> * <i>D. Nivripes</i>		F	W. King	1-26-64	" "	
69	FWS 642-00511	<i>Arenaria interpres</i>			D. Stadel	9-12-64	" "	
70	FWS 514-76642	<i>Numerous Invertebrates</i>	A	U	D. Stadel	9-28-64	" "	
71	FN 20219	<i>Pterodroma hypoleuca</i>		F	R. Clapp	12-23-63	" "	
72	FN 20180	<i>Scolecophagus maculatus</i>		M	W. King	1-1-64	" "	
73	FN 20223	<i>Croceothraupis alba</i>		M	R. Clapp	1-12-64	" "	
74	FN 20220	<i>Maraca penelope</i>		F	R. Clapp	1-12-64	" "	
75	FN 20221	<i>Maraca americana</i>		M	R. Clapp	1-12-64	" "	
76	FN 20123	<i>Puffinus pacificus</i>		M	R. Clapp	1-16-64	" "	
77	FN 20226	<i>Pterodroma hypoleuca</i>	A	F	W. King	1-17-64	" "	
78		<i>Limonia immutabilis</i>			R. Fleet	2-25-64	" "	Ticks from Laysan study nests.
79	FN 20188	<i>Phaethon rubricauda</i>		♂	R. Fleet	2-27-64	" "	
80		<i>Limonia immutabilis</i>			R. Fleet	3-02-64	" "	Ticks from Laysan Albatross nests.
81		<i>Limonia immutabilis</i>			W. Wintz	3-22-64	" "	From mouth of Laysan.
82		<i>Phaethon rubricauda</i>			R. Fleet	4-06-64	" "	
83					?	4-23-64	" "	?
84		? Fish			W. Wintz	4-25-64	" "	
85	FN 20230	<i>Phaethon rubricauda</i>			G. Wislocki	5-25-64	" "	
86	FN 20234	<i>Phaethon rubricauda</i>			G. Wislocki	6-04-64	" "	
87		<i>Phaethon rubricauda</i>			R. Sundell	7-13-64	" "	on neck, near mouth. Study chick #33.

No	Reference No	Species	Age	Sex	Collector	Date	Locality	Collection Location - - - Remarks
88	FN 20282	<i>Triturus flaviventris</i>	A	U	P. DuMont	8-30-64	Green Is., Kure Atoll	
89	FN 20284	<i>Arenaria interpres</i>	A	M	P. DuMont	9-6-64	" "	
90	FWS 642-00506	<i>Arenaria interpres</i>	A	U	D. Stadel	9-9-64	" "	
91	FN 20287	?	A?	F	P. DuMont	9-9-64	" "	
92	FN 20288	<i>Pterodroma hypoleuca</i>	A	U	D. Stadel	9-10-64	" "	
93	FWS 642-00510	<i>Arenaria interpres</i>	A	U	D. Stadel	9-12-64	" "	
94	FWS 642-00514	<i>Arenaria interpres</i>	A	U	D.L. Stadel	9-18-64	" "	
95	FN 20312	<i>Puffinus pacificus</i>	?	U	G. Petrus	9-26-64	" "	
96	FWS 514-76641	<i>Numenius tahitiensis</i>	A	U	D.L. Stadel	9-27-64	" "	
97	FWS 514-76646	<i>Numenius tahitiensis</i>	A	U	D.L. Stadel	9-29-64	" "	
98	FWS 514-76644	<i>Numenius tahitiensis</i>	A	U	D.L. Stadel	9-29-64	" "	
99	FN 20318	<i>Puffinus pacificus</i>	A	F	W.O. Wirtz	9-30-64	" "	
100	FWS 642-00523	<i>Puffinus pacificus</i>	A	U	W.O. Wirtz	9-30-64	" "	
101	FWS 514-76645	<i>Numenius tahitiensis</i>	A	U	W.O. Wirtz	9-30-64	" "	
102	FWS 514-76648	<i>Numenius tahitiensis</i>	A	U	W.O. Wirtz	9-30-64	" "	
103	FWS 514-76649	<i>Numenius tahitiensis</i>	A	U	W.O. Wirtz	9-30-64	" "	
104	FWS 514-76650	<i>Numenius tahitiensis</i>	A	U	W.O. Wirtz	9-30-64	" "	
105	FN 20326	<i>Pterodroma hypoleuca</i>	A	U	P.G. DuMont	10-05-64	" "	
106	FN 20327	<i>Puffinus pacificus</i>	A	U	P.G. DuMont	10-05-64	" "	
107	FN 20329	<i>Puffinus pacificus</i>	A	U	P.G. DuMont	10-05-64	" "	
108	FWS 615-08795	<i>Puffinus pacificus</i>	A	U	P.G. DuMont	10-05-64	" "	
109	FWS 615-08796	<i>Puffinus pacificus</i>	A	U	P.G. DuMont	10-05-64	" "	
110	FWS 615-08797	<i>Puffinus pacificus</i>	A	U	P.G. DuMont	10-05-64	" "	
111	FWS 615-08799	<i>Puffinus pacificus</i>	A	V	P.G. DuMont	10-05-64	" "	
112	FWS 615-08800	<i>Puffinus pacificus</i>	A	U	P.G. DuMont	10-05-64	" "	
113	FWS 642-00531	<i>Arenaria interpres</i>	A	U	P.G. DuMont	10-05-64	" "	
114	FWS 793-20322	<i>Pterodroma hypoleuca</i>	A	U	P.G. DuMont	10-05-64	" "	
115	FWS 793-20323	<i>Pterodroma hypoleuca</i>	A	U	P.G. DuMont	10-05-64	" "	
116	FWS 793-20324	<i>Pterodroma hypoleuca</i>	A	U	P.G. DuMont	10-05-64	" "	

No.	Reference No.	Species	AGE	SEX	Collector	Date	Locality	Collection Location	Remarks
117.	FWS 793-20325	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-05-64	Green Is., Kure Atoll		
118.	FWS 793-20326	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-05-64	" "		
119.	FWS 793-20327	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-05-64	" "		
120.	FWS 642-00532	<i>Florensis</i>	A	U	W. O. Wintz	10-06-64	" "		Neck & underside of wings.
121.	FWS 642-00534	<i>Gygis alba</i>	A	U	W. O. Wintz	10-06-64	" "		Head, cap. around eyes.
122.	FWS 643-74358	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-06-64	" "		
123.	FWS 793-94906	<i>Florensis</i>	L	U	P. G. DuMont	10-06-64	" "		
124.	FWS 793-94910	<i>Florensis</i>	L	U	P. G. DuMont	10-06-64	" "		
125.	FWS 793-94919	<i>Florensis</i>	I	U	P. G. DuMont	10-06-64	" "		
126.	FWS 793-94920	<i>Florensis</i>	I	U	P. G. DuMont	10-06-64	" "		
127.	FWS 793-94921	<i>Florensis</i>	I	U	P. G. DuMont	10-06-64	" "		
128.	FWS 793-94923	<i>Florensis</i>	L	U	P. G. DuMont	10-06-64	" "		
129.	FWS 793-20328	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-06-64	" "		
130.	FWS 793-20329	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-06-64	" "		
131.	FWS 793-20330	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-06-64	" "		
132.	FWS 793-20331	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-06-64	" "		
133.	FWS 615-08802	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-06-64	" "		
134.	FWS 615-08804	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-06-64	" "		
135.	FWS 615-08803	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-07-64	" "		
136.	FWS 615-08806	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-07-64	" "		
137.	FWS 615-08807	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-07-64	" "		
138.	FWS 793-20332	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-07-64	" "		
139.	FWS 642-00535	<i>Florensis</i>	A	U	P. G. DuMont	10-07-64	" "		
140.	FWS 615-08808	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-08-64	" "		
141.	FWS 615-08809	<i>Puffinus pacificus</i>	A	U	P. G. DuMont	10-08-64	" "		
142.	FN 20330 FWS	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-08-64	" "		
143.	FWS 793-20341	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-09-64	" "		
144.	FWS 793-20342	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-09-64	" "		
145.	FWS 793-20343	<i>Pterodroma hypoleuca</i>	A	U	P. G. DuMont	10-09-64	" "		

No.	Reference No.	Species	Age	Sex	Collector	Date	Locality	Collection Location	Remarks
146.	FWS 615-07895	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-09-64	Green Is., Kure Atoll		
147.	FN 20335	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-10-64	" "		
148.	FN 20336	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-10-64	" "		
149.	FWS 642-00537	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-10-64	" "		
150.	FWS 642-00538	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-10-64	" "		
151.	FWS 642-00540	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-11-64	" "		
152.	FWS 793-20347	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-11-64	" "		
153.	FN 20337	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-11-64	" "		
154.	FWS 615-08587	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-11-64	" "		
155.	FWS 615-08894	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-11-64	" "		
156.	FWS 615-08896	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-12-64	" "		
157.	FWS 793-20348	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-12-64	" "		
158.	FWS 793-20349	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-12-64	" "		
159.	FN 20338	<i>Phaethon rubricauda</i>	A	U	P.G. DuMont	10-12-64	" "		
160.	FN 20339	<i>Phaethon rubricauda</i>	A	U	W.O. Wintz	10-13-64	" "		head, neck, & wings
161.	FWS 642-00545	<i>Anous minutus</i>	A	U	W.O. Wintz	10-15-64	" "		wings
162.	FWS 642-00544	<i>Anous minutus</i>	A	U	W.O. Wintz	10-15-64	" "		head & neck
163.	FN 20386	<i>Sterna fuscata</i>	I	F	W.O. Wintz	11-12-64	" "		
164.	FN 20388	<i>Sterna fuscata</i>	A	U	R. Fleet	11-13-64	" "		head, neck, wings
165.	FWS 642-00300	<i>Anous minutus</i>	A	U	C. Kepler	11-13-64	" "		under-wing coverts
166.	FN 20370	<i>Anous minutus</i>	A	M	C. Kepler	11-17-64	" "		wings.
167.	FWS 737-95841	<i>Anous minutus</i>	A	U	C. Kepler	11-18-64	" "		head, neck
168.	FN 20394	<i>Anous minutus</i>	A	U	C. Kepler	11-22-64	" "		head, breast
169.	FWS 642-00549	<i>Anous minutus</i>	A	U	C. Kepler	11-22-64	" "		back & neck
170.	—	<i>Anous minutus</i>	A	U	P. DuMont	10-07-64	" "		
171.	FN 20397	<i>Anous minutus</i>	I	U	RR Fleet	11-28-64	" "		scapulars only
172.	FN 20398	<i>Anous minutus</i>	I	M	RR Fleet	12-01-64	" "		head, throat & upper breast
173.	FN 20399	<i>Anous minutus</i>	A	U	RR Fleet	12-07-64	" "		large mallophaga from dorsal wing surface, all other upper breast and neck.
174.	FN 20400	<i>Anous minutus</i>	A	F	RR Fleet	12-07-64	" "		large mallophaga from dorsal wing surface, all other from upper breast & neck.

No.	REFERENCE #	SPECIES	AGE	SEX	COLLECTOR	DATE	LOCALITY	COLLECTION LOCALITY - - -	REMARKS
175		<i>Diomedea immutabilis</i>	A		R.R. Fleet	12-07-64	GREEN IS. KURE ATOLL	LAYSAN ALBATROSS NEST LITTER, BERLEZE FUNNEL	
176		<i>Diomedea immutabilis</i>	A		"	12-07-64	" "	LAYSAN ALBATROSS NEST LITTER, BERLEZE FUNNEL.	
177		<i>Diomedea immutabilis</i>	A		R.R. Fleet	12-10-64	" "	" " " "	
178		<i>Diomedea immutabilis</i>	A		RR Fleet	12-10-64	" "	" " " "	
179	FWS 737-46089	<i>Diomedea immutabilis</i>	A		D.L. Stadel	12-27-64	" "	wings nump & neck Laysan Albatross Live birds (Measurements) Under wing & upper tail coverts	
180	FWS	<i>Diomedea immutabilis</i>	A		D.L. Stadel	12-27-64	" "	Live birds Blood & measurements taken Under wing coverts	
181	FWS 597-46043	<i>Diomedea immutabilis</i>	A		D.L. Stadel	12-27-64	" "	Live birds Blood & measurements taken	
182	FWS 737-91396	<i>Diomedea immutabilis</i>	A		Stadel & Kepler	12-27-64	" "	wings	
183	FWS 737-92109 FWS 737-45659	<i>Diomedea immutabilis</i>	A		Stadel & Kepler	12-27-64	" "	breast & under wing coverts	
184	<del>737-90247</del> FWS	<i>Diomedea immutabilis</i>	A		Stadel & Kepler	12-27-64	" "	under wing coverts	
185	FWS 697-90262	<i>Diomedea immutabilis</i>	A		Stadel & Kepler	12-27-64	" "	upper & under wing coverts	
186	FWS 737-96000	<i>Larus glaucescens</i>	A	U	Kepler	12-27-64	" "	sides of head, under wing covert	
187	-	<i>Diomedea nigripes</i>	A		D.L. Stadel	12-28-64	" "	Nest Litter Berleze funnel	
188	-	<i>Diomedea nigripes</i>	A		D.L. Stadel	12-28-64	" "	Nest Litter Berleze funnel	
189	-	<i>Diomedea nigripes</i>	A		D.L. Stadel	12-28-64	" "	Nest Litter Berleze funnel	
190	FWS 737-92701	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under wing coverts	Blood K-9
191	FWS 697-90203	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under wing coverts & head	" K-10
192	FWS 737-92702	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under coverts	" K-11
193	FWS 737-90304	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under wing coverts	" K-12
194	FWS <del>737-90304</del> 697-22803 FWS	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Throat, Under wing coverts	" K-13
195	FWS 737-90327	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under wing coverts, head & throat.	" K-14
196	FWS 737-90265	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under wing coverts	" K-15
197	FWS 737-92703	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	12-29-64	" "	Under wing coverts No Blood. Old Band on bird <span style="border: 1px solid black; padding: 2px;">372</span> , replaced.	
198		<i>Diomedea nigripes</i>	A		D.L. Stadel	12-29-64	" "	Nest Litter Berleze funnel	
199		<i>Diomedea nigripes</i>	A		D.L. Stadel	12-29-64	" "	Nest Litter Berleze funnel	
200		<i>Diomedea nigripes</i>	A		D.L. Stadel	12-30-64	" "	Nest Litter Berleze funnel	
201		<i>Diomedea nigripes</i>	A		D.L. Stadel	12-30-64	" "	Nest Litter Berleze funnel	
202		<i>Diomedea nigripes</i>	A		D.L. Stadel	12-30-64	" "	Nest Litter Berleze funnel	
203		<i>Rissa tridactyla</i>			Kepler & Stadel	12-30-64	" "	wings Neck & head.	

No	Reference No	Species	Age	Sex	Collector	Date	Locality	Collection location	Remarks
204	FWS 737-45999	Larus glaucescens	F	U	Kepler & Stadel	12-30-64	Green Island, Kure Atoll	Head & neck	
205	-	Diomedea immutabilis	A		D.L. Stadel	12-31-64	"	"	Nest litter; Berleze funnel
206	-	Diomedea immutabilis	A		D.L. Stadel	12-31-64	"	"	Nest litter; Berleze funnel
207	-	Diomedea immutabilis	A		D.L. Stadel	12-31-64	"	"	Nest litter; Berleze funnel
208	FWS 667-35268	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts & breast Blood K 24
209	FWS 737-91489	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts " K 17
210	FWS 737-91143	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	From throat Died & collected " K 18
211	FWS 737-93574	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts & head & neck " K 19
212	FWS 737-92704	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts " K 20
213	FWS 737-92705	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts " K 21
214	FWS 697-22559	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts " K 22
215	FWS 737-90658	Diomedea immutabilis	A		Kepler & Stadel	Jan 2, 1965	"	"	Under wing coverts " K 23
216	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 3, 1965	"	"	Central roost <u>Boerhavia</u> Litter & Sand
217	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 3, 1965	"	"	Central roost <u>Boerhavia</u> Litter & Sand
218	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 3, 1965	"	"	Central roost <u>Boerhavia</u> Litter & Sand
219	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 4, 1965	"	"	Central Roost <u>Solanum</u> Litter & Sand
220	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 4, 1965	"	"	Central Roost <u>Solanum</u> Litter & Sand
221	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 4, 1965	"	"	Central Roost <u>Solanum</u> Litter & Sand
222	FWS 737-92118	Diomedea immutabilis	A	U	Kepler & Stadel	Jan 5, 1965	"	"	Under wing coverts & neck Blood K 26
223	FWS 697-22600	Diomedea immutabilis	A	U	Kepler & Stadel	Jan 5, 1965	"	"	Under wing coverts. Head & neck " K 27
224	FWS 737-45665	Diomedea immutabilis	A	U	Kepler & Stadel	Jan 5, 1965	"	"	Upper & lower wing coverts " K 28
225	FWS 697-22808	Diomedea immutabilis	A	U	Kepler & Stadel	Jan 5, 1965	"	"	Head & upper wing coverts " K 29
226	FWS 737-90316	Diomedea immutabilis	A	U	Kepler & Stadel	Jan 5, 1965	"	"	Back of neck " K 30
227	FWS 697-90272	Diomedea immutabilis	A	U	Kepler & Stadel	Jan 5, 1965	"	"	Head " K 31
228	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 5, 1965	"	"	central Roost <u>Scaevola</u> Litter & Sand
229	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 5, 1965	"	"	central Roost <u>Scaevola</u> Litter & Sand
230	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 5, 1965	"	"	central Roost <u>Scaevola</u> Litter & Sand
231	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 6, 1965	"	"	Central Roost <u>Tribulus</u> Litter & Sand
232	-	No birds present in Roost Sterna fuscata	-	-	D.L. Stadel	Jan 6, 1965	"	"	Central Roost <u>Tribulus</u> Litter & Sand

Number	Reference No.	Species	Age	Sex	Collector	Date	Location	Collection Location	Remarks
233	—	No birds present in Roost <i>Sterna fuscata</i>	—	—	D.L. Stadel	Jan 6, 1965	Green Island Kure Atoll	Tribulus litter & sand. central Roost	
234	FWS 737-91086	<i>Diomedea immutabilis</i>	A	—	Kepler & Stadel	Jan 7, 1965	"	Throat	Bird died, collected Blood K 35
235	FWS <del>737-91086</del> 737-98860	<i>Diomedea immutabilis</i>	A	—	Kepler & Stadel	Jan 7, 1965	"	Under wing coverts & throat	
236	FWS 737-91762	<i>Diomedea immutabilis</i>	A	—	Kepler & Stadel	Jan 7, 1965	"	Under wing coverts	Blood K 32
237	FWS 737-91087	<i>Diomedea immutabilis</i>	A	—	Kepler & Stadel	Jan 7, 1965	"	Throat	" K 33
238	737-47375	<i>Diomedea immutabilis</i>	A	—	Kepler & Stadel	Jan 7, 1965	"	Throat & under wing coverts	" <del>K 36</del>
239	FN 20410	<i>Diomedea immutabilis</i> No birds present in Roost	A	—	Kepler	Jan 8, 1965	"	Underwing Coverts.	
240	—	<i>Sterna fuscata</i> No birds present in roost	—	—	D.L. Stadel	Jan 9, 1965	"	Open sandy ground	
241	—	<i>Sterna fuscata</i> No birds in roost	—	—	D.L. Stadel	Jan 9, 1965	"	Open Sandy ground	
242	—	<i>Sterna fuscata</i>	—	—	D.L. Stadel	Jan 9, 1965	"	Open Sandy ground	
243	FWS 737-49062	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	Jan 12-1965	"	Mallophaga - under wing coverts Many other ectoparasites, head & neck	K 43
244	FWS 737-47369	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	"	"	Mallophaga - breast other parasites on head & neck & upper tail coverts.	K 44
245	FWS 737-90487	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	"	"	Mallophaga - under wing coverts & breast from neck	K 45
246	FWS <del>737-46327</del> 737-46327	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	"	"	Mallophaga on breast, underwing coverts other from head.	K 46
247	FWS 737-92037	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	"	"	Mallophaga from underwing coverts breast Other - from neck	K 47
248	FWS 737-96521	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	"	"	Mallophaga from under wing coverts	K 48
249	FWS 737-47430	<i>Diomedea immutabilis</i>	A	U	Kepler & Stadel	"	"	Under wing coverts	
250	642-00551	<i>Pluvialis dominica</i>	A	U	D.L. Stadel	Jan 12, 1965	"		
251	—	<i>Pterodroma hypoleuca</i>	A	—	D.L. Stadel	Jan 12, 1965	"	Litter collected from burrow	Berleze
252	—	<i>Pterodroma hypoleuca</i>	A	—	D.L. Stadel	Jan 12, 1965	"	Litter collected from burrow	Berleze
253	—	<i>Pterodroma hypoleuca</i>	A	—	D.L. Stadel	Jan 12, 1965	"	Litter collected from burrow	Berleze.
254	FN 20411	<i>Pterodroma hypoleuca</i>	A	—	C. Kepler	Jan. 15, 1965	"	from belly, breast, + under wing coverts - Mallophaga A. From head & upper throat. (?) Heavily infested. B. From breast & underwing coverts. (Mallophaga)	
255	FN 20414	<i>Larus hyperboreus</i>	I	—	Stadel & Kepler	Jan 17, 1965	"	Mallophaga - Neck Hippoboscids - back, upper wing coverts, belly	
256	—	<i>Fregata minor</i>	I	♂	Kepler & Stadel	Jan 19, 1965	"		
257	Field # 20415	<i>Larus argentatus</i>	S.A.	—	Stadel	Jan 20, 1965	"	Parasites all over bird in large numbers.	
258	FN 20416	<i>Diomedea immutabilis</i>	A	—	Kepler	" " "	"	Mallophaga from breast.	
259	—	<i>Puffinus pacificus</i>	—	—	D.L. Stadel	Jan 20, 65	"	Berleze of study burrow # 4	
260	—	<i>Puffinus pacificus</i>	—	—	D.L. Stadel	Jan 20	"	Berleze of study burrow # 37	
261	—	<i>Puffinus pacificus</i>	—	—	D.L. Stadel	Jan 20	"	Berleze of study burrow # 36	

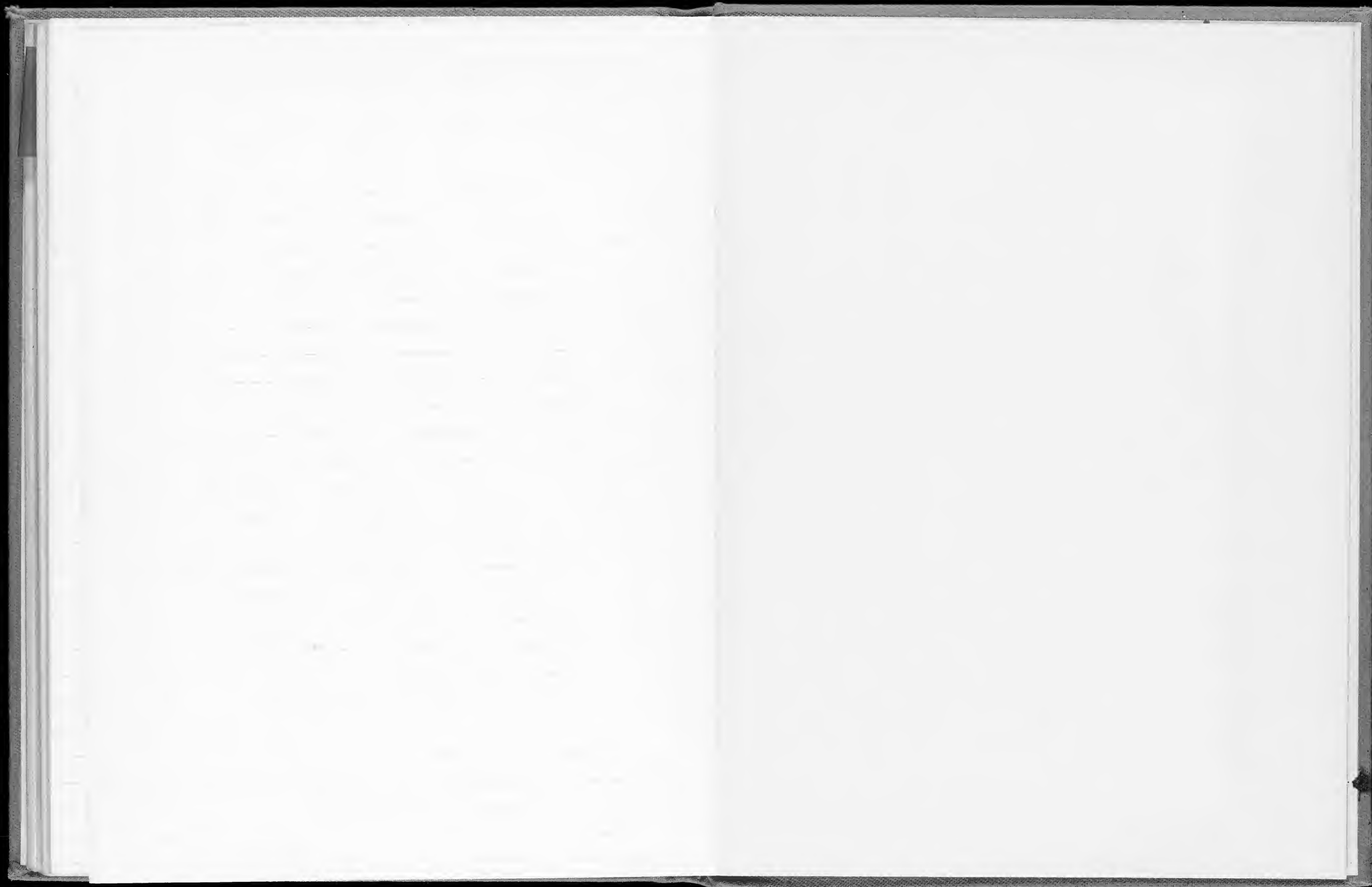
Number	Reference #	Species	Age	Sex	Collector	Date	Location	Collection location	Remarks
262	FWS 642-00552	<i>Arenaria interpres</i>	A	U	D.A. Worth	Jan 21, 1965	Green Island, Kure Atoll	Neck, breast & under wing coverts	Caught in shorebird trap
263	-	<i>Sula dactyletra</i>	A	♂	Kepler	Jan 21, 1965	"	Dancing platform litter	
264	-	<i>Sula dactyletra</i>	A	♂	Kepler	Jan 21, 1965	"	Dancing platform litter	
265	-	<i>Sula dactyletra</i>	A	♂	Kepler	Jan 21, 1965	"	Dancing platform litter	
266	FWS 642-00553	<i>Pluvialis dominica</i>	A	U	C. Kepler	Jan 22, 1965	"	Mallophaga - breast, under-wing coverts. Not many of each type. Seven or 8 types from body.	
267	-	<i>Mus musculus</i>	SubA	♀	D.L. Stadel	Jan 22	"		
268	-	Laysan Nest near Bonin.) Wedgetail, other birds use the area. Blue-faced Booby nest near Brown Booby.			D.L. Stadel	Jan 22	"	South Antenna Field <i>Boerhavia</i>	Litter
269	-				D.L. Stadel	Jan 22	"	South Antenna Field <i>Boerhavia</i>	Litter
270	-				D.L. Stadel	Jan 22	"	South Antenna Field <i>Boerhavia</i>	Litter
271	FWS 737-93938	<i>Diomedea nigripes</i>	A		Kepler & Stadel	Jan 22	"	Mallophaga - breast Others on head & throat	
272	FWS 737-92601	<i>Diomedea nigripes</i>	A		Kepler & Stadel	"	"	Mallophaga - under wing coverts & breast. Others on <del>breast</del> neck & head.	K 51
273	FWS 737-94660	<i>Diomedea nigripes</i>	A		Kepler & Stadel	"	"	Mallophaga - under wing coverts Others on neck & head.	K 52
274	FWS 597-84112	<i>Diomedea nigripes</i>	A		Kepler & Stadel	"	"	Mallophaga - breast eggs? on breast feathers.	K 53
275	FWS 597-84110	<i>Diomedea nigripes</i>	A		Kepler & Stadel	"	"	Mallophaga - breast, under wing coverts. Large black everywhere. Small red mite on head.	K 54
276	FWS 737-92603	<i>Diomedea nigripes</i>	A		Kepler & Stadel	"	"	Large Mallophaga on under wing coverts Others on breast & " " "	K 55
277	FN 20419	<i>Diomedea immutabilis</i>	A		Kepler & Stadel	Jan. 24	"	mallophaga from breast, Others back & head	K 56
278	-	Golden Plover & Ruddy Turnstone use area	-	-	D.L. Stadel	Jan 24	"	Collected from station lawn. Thin <i>Eynodon dactylon</i> & <i>Gnaphalium sandwichianum</i> & open sand.	
279	-	"	-	-	D.L. Stadel	Jan 24	"	" " "	
280	-	"	-	-	D.L. Stadel	Jan 24	"	" " "	
281	-	Laysan Albatross Bonin Is Petrel, Wedge tailed Shear water	-	-	D.L. Stadel	Jan 25, 1965	"	South antenna Field <i>Scaevola taccada</i>	Litter.
282	-	Golden Plover, Ruddy Turnstone	-	-	D.L. Stadel	"	"	" " "	
283	-	Brown Booby, Blue-faced Booby Bristle Thighed Curlew	-	-	D.L. Stadel	"	"	" " "	
284	-	all use area + others. Laysan Albatross & Bonin's are the dominant birds	-	-	D.L. Stadel	Jan 27, 1965	"	South Antenna Field <i>Erugrostis variabilis</i>	Litter.
285	-	" "	-	-	"	"	"	" " "	
286	-	" "	-	-	"	"	"	" " "	
287	FN 20421	<i>Arenaria interpres</i>	A		C. Kepler	"	"	From breast under-wing coverts. South Antenna Field.	
288	-	"	-	-	D.L. Stadel	Jan 28	"	<i>Ipomea indica</i>	Litter
289	-	"	-	-	D.L. Stadel	"	"	" " "	
290	-	"	-	-	D.L. Stadel	"	"	" " "	



Number	Reference #	Species	Age	Sex	Collector	Date	Location	Collection Location	Remarks
291	697-90001	Diomedea nigripes	A	U	STANDEN & KEPLER	Jan. 27, 1965	Green Is. Kure Atoll	underwing coverts	K-57
292	737-92625	Diomedea nigripes	A	U	STANDEN & KEPLER	Jan. 27, 1965	" " "	" " AND HEAD	K-58
293	737-93903	Diomedea nigripes	A	U	STANDEN & KEPLER	Jan. 27, 1965	" " "	Breast, underwing coverts Around u.p. gland	K-59
294	737-92626	Diomedea nigripes	A	U	KEPLER & STANDEN	Jan 27, 1965	" " "	BREAST & UNDERWING COVERTS	K-60
295	737-45475	Diomedea nigripes	A	U	KEPLER & STANDEN	Jan 27, 1965	" " "	Underwing coverts, breast, wings neck + head.	K-61
296	642-00554	Pluvialis dominica	A	U	C. Kepler	Jan 29, 1965	" " "	From back.	
297	FN 20424	Pterodroma hypoleuca	A		C. Kepler	Jan. 29, 1965	" " "	From back r hand	
298	—	Sula sula	A & I	—	D.L. Stadel	Jan 29, 1965	" " "	Boerhavia diffusa & Scaevola taccada	Litter
299	—	Fregata minor	A & I	—	D.L. Stadel	"	" " "	from North Roost. Berleze	"
300	—	Sula sula	A & I	—	D.L. Stadel	"	" " "	" " "	"
301	—	Fregata minor	A & I	—	D.L. Stadel	"	" " "	" " "	"
302	—	—	—	—	D.L. Stadel	Jan 30, 1965	" " "	North Antenna Field Boerhavia diffusa and Eragrostis variabilis	Berleze of litter
303	—	—	—	—	D.L. Stadel	"	" " "	" " "	"
304	FN-20426	Larus glaucescens	A	♂	R.S. STANDEN	1 FEB, 1964	" " "	South Point. Dump head neck + Breast + around u.p. gland.	
305	FN 20427	Fregata minor	I	—	C. Kepler	Feb. 2, 1965	" " "	entire body + wings - mallophaga	Blood K62
306	—	Sula leucogaster	A	♀	D.L. Stadel	Feb 2, 1965	" " "	Nest with chick. Berleze of litter	
307	—	Sula dactylatra	A	—	D.L. Stadel	Feb 2	" " "	Nest with eggs. " " "	
308	—	Sula dactylatra	A	—	D.L. Stadel	Feb 2	" " "	Nest with eggs " " "	
309	—	Diomedea nigripes	A	—	D.L. Stadel	Feb 3	" " "	Dancing area near Nesting colony Open sandy ground	Berleze
310	—	Diomedea nigripes	A	—	D.L. Stadel	Feb 3	" " "	" " "	"
311	—	Diomedea nigripes	A	—	D.L. Stadel	Feb 3	" " "	" " "	"
312	FWS 597-27092	Diomedea nigripes	A	U	Kepler & STADEL	Feb. 5	" " "	head, neck, breast, wing-coverts	Blood-K63
313	FWS 737-93750	Diomedea nigripes	A	U	Kepler & STADEL	"	" " "	" " " " "	" K64
314	FWS 737-93964	Diomedea nigripes	A	U	Kepler & STADEL	"	" " "	breast - mallophaga	" K65
315	FWS 597-84127	Diomedea nigripes	A	U	Kepler & STADEL	"	" " "	breast, head, neck, wings	" K66
316	FWS 737-93756	Diomedea nigripes	A	U	Kepler & STADEL	"	" " "	breast, under-wing coverts	" K67
317	FWS 737-45538	Diomedea nigripes	A	U	Kepler & STADEL	"	" " "	head, Throat, breast	" K68
318	FN 20429	Larus	A	U	Kepler	Feb-6	" " "	neck. (Bird badly decomposed)	
319	Next	Numbers in			Catalog # 2				







3-430a  
(Oct. 1960)

UNITED STATES DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
BUREAU OF SPORT FISHERIES AND WILDLIFE

Budget Bureau No. 42-R324.3.  
Approval expires 12-31-59.

Report for year  
ended Dec. 31, 19.....

**MIGRATORY BIRDS AND THEIR EGGS TAKEN FOR SCIENTIFIC PURPOSES**

Include subspecies in each species as shown. If a species was collected in more than one State, at bottom of page or on an attached sheet show each other State and the number of each species collected therein.

Under permit No. ....

Calendar Year  
1964

Return completed report by January 10 to:

Regional Director  
Bureau of Sport Fisheries and Wildlife  
P. O. Box 3737  
Portland 8, Oregon

If no actions were taken under this permit during the year, write "None" here

Sign report at bottom of last page.

A. O. U. No.	COMMON NAME	STATE	NUMBER COLLECTED		OTHER ACQUISITIONS OR DISPOSALS*		A. O. U. No.	COMMON NAME	STATE	NUMBER COLLECTED		OTHER ACQUISITIONS OR DISPOSALS*	
			Birds	Eggs	Birds	Eggs				Birds	Eggs	Birds	Eggs
7	Loons:												
8	Common Loon.....						136	Ducks—Continued					
10	Yellow-billed Loon.....						137	European Widgeon.....					
11	Arctic Loon (Pacific).....						142	American Widgeon.....					
	Red-throated Loon.....						144	Shoveler.....					
	Grebes:						146	Wood Duck.....					
2	Red-necked Grebe (Humboldt).....						150	Redhead.....					
3	Horned Grebe.....						147	Ring-necked Duck.....					
4	Eared Grebe.....						148	Canvasback.....					
1	Western Grebe.....						149	Greater Scaup.....					
6	Pied-billed Grebe.....						151	Lesser Scaup.....					
	Petrels and Shearwaters:						152	Common Goldeneye.....					
86	Fulmar (Atlantic and Pacific).....						153	Barrow's Goldeneye.....					
88	Cory's Shearwater.....						154	Bufflehead.....					
91	Pink-footed Shearwater.....						155	Oldsquaw.....					
95. 1	Fair-footed Shearwater.....						157	Harlequin Duck.....					
89	Greater Shearwater.....						159	Stellar's Eider.....					
96. 2	New Zealand Shearwater.....						162	Common Eider (Northern, American, and Pacific).....					
								King Eider.....					

UNITED STATES DEPARTMENT OF THE INTERIOR  
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BUREAU OF SPORT FISHERIES AND WILDLIFE

Report for year  
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Calendar Year  
1964

Table with columns: A. O. U. No., COMMON NAME, STATE, NUMBER COLLECTED (Birds, Eggs), OTHER ACQUISITIONS OR DISPOSALS\*, A. O. U. No., COMMON NAME, STATE, NUMBER COLLECTED (Birds, Eggs), OTHER ACQUISITIONS OR DISPOSALS\*. Rows include Warblers, Grosbeaks, Finches, Sparrows, and Buntings, Meadowlarks, Orioles, and Blackbirds, etc.

Names and addresses of persons with whom migratory birds or their eggs were exchanged during the year:

.....

Names and addresses of persons to whom migratory birds or their eggs were given or from whom they were received by gift during the year:

.....

Date \_\_\_\_\_ Signature of permittee \_\_\_\_\_

\*Number donated, received by gift, or exchanged. Furnish details above and on separate sheet when necessary.

Table with columns: A. O. U. No., COMMON NAME, STATE, NUMBER COLLECTED (Birds, Eggs), OTHER ACQUISITIONS OR DISPOSALS\*, A. O. U. No., COMMON NAME, STATE, NUMBER COLLECTED (Birds, Eggs), OTHER ACQUISITIONS OR DISPOSALS\*. Rows include Loons, Grebes, Petrels and Shearwaters, Gannets, Herons, Geese and Swans, Ducks, etc.

\*Number donated, received by gift, or exchanged. Furnish details on page 4.

A. O. U. No.	COMMON NAME	STATE	NUMBER COLLECTED		OTHER ACQUISITIONS OR DISPOSALS*		A. O. U. No.	COMMON NAME	STATE	NUMBER COLLECTED		OTHER ACQUISITIONS OR DISPOSALS*	
			Birds	Eggs	Birds	Eggs				Birds	Eggs	Birds	Eggs
<b>Shorebirds—Con.</b>													
256	Solitary Sandpiper.												
259	Wandering Tattler.						313	Red-billed Pigeon.					
258	Willet.						317	Zenaida Dove.					
254	Greater Yellowlegs.						319	White-winged Dove.					
255	Lesser Yellowlegs.						316	Mourning Dove.					
234	Knot.						320	Ground Dove.					
235	Purple Sandpiper.						321	Inca Dove.					
235a-d	Rock Sandpiper (Aleutian).						318	White-fronted Dove.					
238	Sharp-tailed Sandpiper.						322. 1	Ruddy Quail-dove.					
239	Pectoral Sandpiper.							<b>Cuckoos:</b>					
240	White-rumped Sandpiper.						386a	Mangrove Cuckoo (Maynard's).					
241	Baird's Sandpiper.						387	Yellow-billed Cuckoo.					
242	Least Sandpiper.						388	Black-billed Cuckoo.					
244	Curlew Sandpiper.						385	Roadrunner.					
243	Dunlin (Red-backed Sandpiper).						383	Smooth-billed Ani.					
231	Short-billed Dowitcher.						384	Groove-billed Ani.					
232	Long-billed Dowitcher.							<b>Goatsuckers:</b>					
233	Stilt Sandpiper.						416	Chuck-will's-widow.					
246	Semipalmated Sandpiper.						417	Whip-poor-will.					
247	Western Sandpiper.						418	Poor-will.					
262	Buff-breasted Sandpiper.						419	Pauraque.					
249	Marbled Godwit.						420	Common Nighthawk (Eastern).					
251	Hudsonian Godwit.						421	Lesser Nighthawk (Texas).					
248	Sanderling.							<b>Swifts:</b>					
225	American Avocet.						422	Black Swift.					
226	Black-necked Stilt.						423	Chimney Swift.					
222	Red Phalarope.						424	Vaux's Swift.					
224	Wilson's Phalarope.						425	White-throated Swift.					
223	Northern Phalarope.							<b>Hummingbirds:</b>					
<b>Skuas and Jaegers:</b>													
36	Pomarine Jaeger.						437	Lucifer Hummingbird.					
37	Parasitic Jaeger.						428	Ruby-throated Hummingbird.					
38	Long-tailed Jaeger.						429	Black-chinned Hummingbird.					
35	Skua.												
<b>Gulls:</b>													
42	Glaucous Gull.						430	Costa's Hummingbird.					
43	Iceland Gull.						431	Anna's Hummingbird.					
44	Glaucous-winged Gull.						432	Broad-tailed Hummingbird.					
47	Great Black-backed Gull.						433	Rufous Hummingbird.					
49	Western Gull.						434	Allen's Hummingbird.					
51	Herring Gull.						435	Heloise's Hummingbird.					
53	California Gull.						436	Calliope Hummingbird.					
54	Ring-billed Gull.						426	Rivoli's Hummingbird.					
55	Mew Gull.						427	Blue-throated Hummingbird.					
58	Laughing Gull.						439	Buff-bellied Hummingbird.					
59	Franklin's Gull.						440. 1	White-eared Hummingbird.					
60	Bonaparte's Gull.						441	Broad-billed Hummingbird.					
57	Heermann's Gull.							<b>Woodpeckers:</b>					
39	Ivory Gull.						412	Yellow-shafted Flicker (Northern and Southern).					
40	Black-legged Kittiwake (Atlantic and Pacific).						413	Red-shafted Flicker.					
62	Sabine's Gull.						414	Gilded Flicker.					
<b>Terns:</b>													
63	Gull-billed Tern.						405	Pileated Woodpecker.					
69	Forster's Tern.						409	Red-bellied Woodpecker.					
70	Common Tern.						410	Golden-fronted Woodpecker.					
71	Arctic Tern.						411	Gila Woodpecker.					
72	Roseate Tern.						406	Red-headed Woodpecker.					
74	Least Tern.						407	Acorn Woodpecker (California and other subspecies).					
67	Sandwich Tern (Cabot's).						408	Lewis' Woodpecker.					
64	Caspian Tern.						402	Yellow-bellied Sapsucker (Red-naped and Red-breasted).					
77	Black Tern.							<b>Williamson's Sapsucker.</b>					
<b>Auks:</b>													
32	Razorbill.						404	Hairy Woodpecker.					
30	Common Murre (Atlantic and California).						393	Downy Woodpecker.					
							394	Ladder-backed Woodpecker (Texas, Cactus, and other subspecies).					
							396	Nuttall's Woodpecker.					
31	Thick-billed Murre (Brunnich's).						397	Arizona Woodpecker.					
34	Dovekie.						398	White-headed Woodpecker.					
27	Black Guillemot.						399	Black-backed Three-toed Woodpecker.					
29	Pigeon Guillemot.						400	Northern Three-toed Woodpecker.					
23	Marbled Murrelet.							<b>Flycatchers:</b>					
21	Ancient Murrelet.						444	Eastern Kingbird.					
16	Cassin's Auklet.						445	Gray Kingbird.					
17	Parakeet Auklet.						446	Tropical Kingbird (Couch's).					
20	Least Auklet.						447	Western Kingbird (Arkansas).					
15	Rhinoceros Auklet.						448	Cassin's Kingbird.					
13	Common Puffin.						442	Fork-tailed Flycatcher.					
14	Horned Puffin.						443	Scissor-tailed Flycatcher.					
12	Tufted Puffin.												
<b>Pigeons and Doves—Continued</b>													
314	White-crowned Pigeon.												
312	Band-tailed Pigeon.												

\*Number donated, received by gift, or exchanged. Furnish details on page 4.

A. O. U. No.	COMMON NAME	STATE	NUMBER COLLECTED		OTHER ACQUISITIONS OR DISPOSALS*		A. O. U. No.	COMMON NAME	STATE	NUMBER COLLECTED		OTHER ACQUISITIONS OR DISPOSALS*	
			Birds	Eggs	Birds	Eggs				Birds	Eggs	Birds	Eggs
<b>Flycatchers—Con.</b>													
449	Kiskadee Flycatcher (Derby).												
451	Sulphur-bellied Flycatcher.						711	Le Conte's Thrasher.					
452	Great Crested Flycatcher (Northern and Southern).						712	Crissal Thrasher.					
453	Wied's Crested Flycatcher.						702	Sage Thrasher.					
454	Ash-throated Flycatcher.							<b>Thrushes:</b>					
455a	Olivaceous Flycatcher.						761	Robin.					
456	Eastern Phoebe.						763	Varied Thrush.					
458	Black Phoebe.						755	Wood Thrush.					
457	Say's Phoebe.						759	Hermit Thrush.					
463	Yellow-bellied Flycatcher.						758	Swainson's Thrush (Russet-backed and Olive-backed).					
465	Acadian Flycatcher.						757	Gray-cheeked Thrush.					
466	Trail's Flycatcher (Little and Alder).						756	Veery.					
467	Least Flycatcher.						766	Eastern Bluebird.					
468	Hammond's Flycatcher.						767	Western Bluebird.					
469	Dusky Flycatcher.						768	Mountain Bluebird.					
469. 1	Gray Flycatcher.						765	Wheatear.					
464	Western Flycatcher.						754	Townsend's Solitaire.					
470a	Buff-breasted Flycatcher.							<b>Willow Warblers, Kinglets, and Gnatcatchers:</b>					
460	Coues's Flycatcher.						751	Blue-gray Gnatcatcher (Western and San Lucas).					
461	Eastern Wood Pewee.												
462	Western Wood Pewee.						752	Black-tailed Gnatcatcher (Plumbeous and other subspecies).					
459	Olive-sided Flycatcher.						748	Golden-crowned Kinglet.					
471	Vermilion Flycatcher.						749	Ruby-crowned Kinglet.					
472	Beardless Flycatcher.							<b>Wagtails and Pipits:</b>					
<b>Larks:</b>													
474	Horned Lark.						697	Water Pipit (American).					
<b>Swallows:</b>													
615	Violet-green Swallow.						700	Sprague's Pipit.					
614	Tree Swallow.							<b>Waxwings:</b>					
616	Bank Swallow.						618	Bohemian Waxwing.					
617	Rough-winged Swallow.						619	Cedar Waxwing.					
613	Barn Swallow.							<b>Phainopeplas:</b>					
612	Cliff Swallow.						620	Phainopepla.					
612. 1	Cave Swallow (Cuban and Coahuila Cliff).							<b>Shrikes:</b>					
611	Purple Martin.						621	Northern Shrike.					
611. 2	Gray-breasted Martin.						622	Loggerhead Shrike.					
<b>Titmice:</b>													
735	Black-capped Chickadee.						630	Black-capped Vireo.					
737	Mexican Chickadee.						631	White-eyed Vireo.					
738	Mountain Chickadee.						632	Hutton's Vireo.					
739	Gray-headed Chickadee (Alaska).						633	Bell's Vireo.					
740	Boreal Chickadee (Hudsonian).						634	Gray Vireo.					
741	Chestnut-backed Chickadee.						628	Yellow-throated Vireo.					
731	Tufted Titmouse.						629	Solitary Vireo (Blue-headed and other subspecies).					
732	Black-crested Titmouse.						624	Red-eyed Vireo.					
733	Plain Titmouse.						626	Philadelphia Vireo.					
734	Bridled Titmouse.						627	Warbling Vireo.					
746	Verdin.							<b>Warblers:</b>					
743	Common Bushtit (Coast, California, and other subspecies).						636	Black-and-white Warbler.					
745	Black-eared Bushtit (Lloyd's).						637	Prothonotary Warbler.					
<b>Nuthatches:</b>													
727	White-breasted Nuthatch.						638	Swainson's Warbler.					
728	Red-breasted Nuthatch.						639	Worm-eating Warbler.					
730	Pigmy Nuthatch.						642	Golden-winged Warbler.					
<b>Creepers:</b>													
726	Brown Creeper.						641	Blue-winged Warbler.					
<b>Wrens:</b>													
721	House Wren.						647	Tennessee Warbler.					
721. 1	Brown-throated Wren.						646	Orange-crowned Warbler.					
722	Winter Wren.						645	Nashville Warbler.					
719	Bewick's Wren.						644	Virginia's Warbler.					
718	Carolina Wren.						647. 1	Colima Warbler.					
713	Cactus Wren.						643	Lucy's Warbler.					
725	Long-billed Marsh Wren.						648	Parula Warbler.					
724	Short-billed Marsh Wren.						649	Olive-backed Warbler (Sennett's).					
717	Canon Wren.						651	Olive Warbler.					
715	Rock Wren.						652	Yellow Warbler.					
<b>Mockingbirds and Thrashers:</b>													
703	Mockingbird.						657	Magnolia Warbler.					
704	Catbird.						650	Cape May Warbler.					
705	Brown Thrasher.						654	Black-throated Blue Warbler.					
706	Long-billed Thrasher (Sennett's).						655	Myrtle Warbler.					





