

Location 17° 45' 158° 47.2' (1200)

Observer ATF

Date 2 June 1964 Time 0725 to 1800

Weather

10.6

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		56±						Dark phase 5.3
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel		21						
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	6							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	2							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern			149±					14.1
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	1							
Newell's Shearwater	3							
Lesser Frigatebird	2							
Shear/Pet (unid)		10						
Birds (..)	6							
								Total H Birds = 256
								Feeding flocks = 2 08054 1740
								Total flocks = 1

JUNE
1964

27.2

Location 13° 05' 160° 15.7' (1200)

Observer ATF Date 3 June, 1964 Time 0746 to 1718

Weather 9.6

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	5							2 dark phase 0.5
Christmas I. Shearwater								
Audubon's Shearwater	1							
Bonin I. Petrel	4							
Phoenix I. Petrel								
Bulwer's Petrel		11						
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		514						5.3
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	2							
Newell's Shearwater	3							
Hawaiian Storm Pet	2							
Long-tail Jaeger	1							
Shear/Pet unid.		36						17.6
Birds "	4							Total Birds = 121 Feeding flock = 1 0845

Location $8^{\circ} 41.8'$ $161^{\circ} 17'$ (1200)

Observer ATF

Date 4 June 1964

Time 0745 to 1725

Weather

9.7

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater			151 ±					most dead phone 15.6
Christmas I. Shearwater	1							
Audubon's Shearwater	8							
Bonin I. Petrel		17						
Phoenix I. Petrel								
Bulwer's Petrel	5							
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird	1							
Masked Booby	7							
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		30 ±						3.1
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Newell's Shearwater	1							
Kermadec Petrel	1	?						
Shear/pet unid	9							
Birds	2							
								Total H birds = 234
								Total F Feed, 7 birds = 1 1700

Location 11° 33' S T 164° 15' W

Observer

Date 30 June, 1964 Time 0810 to 1700

Weather

S. S

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	/							dark phase 0.1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby	4							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		79						9.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	/							
Tropicbird	2							
Pterodroma	2							
bird	2							Total birds = 94

10.7

14° 25' T 169° 58'

Location 14° 28' S T 169° 45' W to 14° 22' S T 170° 10' W

Observer _____ Date 2 July, 1964 Time 0800 to 1145

Weather _____ 3.8

3.8
a 55 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater								0.0
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird		18						
Masked Booby								
Brown Booby	/							
Red-footed Booby			206 ±					
Great Frigatebird	/							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy				1000 ±				263.2
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	/							
Shearwater-Petrel	/							Total birds = 1228

263.2

