

Location ^{2 mi} Off SW pt of Oahu C.H. Gilbert Cruise 77
 Observer Standen Date 10 November 64 Time 1130 to 1700
 Weather Strong Trades blowing no sun partly cloudy

515

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	6							1/1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	3							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0, 0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy		45						
Blue-gray Noddy								
Fairy Tern								
Shear Pet sp.	10							
Booby sp.	5							
81.8 Sooty Shearwater		450						in 5 large flocks migrating

Total
509

2 feeding flocks
5 flocks of Sooty Shearwater

NOVEMBER
1964

509 920

Location *Northwest Coast of Oahu then to Kauai C.H. Gilbert Cruise 77*
 Observer *Stander* Date *11 Nov. 1964* Time *7 1/2 hrs*
 Weather *Windy in morning tapering off later*

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		<i>65</i>						<i>8.7</i>
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	<i>1</i>							<i>Total</i>
White-tailed Tropicbird	<i>4</i>							<i>121</i>
Masked Booby								<i>1 flock 20 Boobies (RF)</i>
Brown Booby								
Red-footed Booby		<i>23</i>						<i>23</i>
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								<i>0, 0</i>
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
<i>Booby (sp.)</i>		<i>10</i>						
<i>Tern (sp.)</i>	<i>8</i>							
<i>Sooty Shear</i>	<i>7</i>							
<i>Tropicbird sp.</i>	<i>1</i>							
<i>Newell Sh.</i>	<i>2</i>							

121 = 16.1

0.9

Location *Between Kauai & Nihoa C.H. Gilbert Cruise 77*
 Observer *R.S. Standen* Date *12 Nov. 1964* Time *0630 to 1630*
 Weather *Clear with lighter winds* *10.0*

SPECIES	Abundance				Breeding			Remarks	
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young		
Laysan Albatross								<i>Obs. interrupted during blood sampling but were in flocks all the time during the samples.</i>	
Black-footed Albatross	<i>1</i>								
Wedge-tailed Shearwater			<i>225</i>						<i>22.5</i>
Christmas I. Shearwater									
Audubon's Shearwater									
Bonin I. Petrel									<i>Total 544</i>
Phoenix I. Petrel									
Bulwer's Petrel									
Sooty Petrel									
Red-tailed Tropicbird									
White-tailed Tropicbird	<i>1</i>								
Masked Booby	<i>1</i>								
Brown Booby		<i>23</i>							
Red-footed Booby			<i>138</i>						
Great Frigatebird		<i>13</i>							
Golden Plover									
Ruddy Turnstone									
Wandering Tattler									
Sanderling									
Bristle-thighed Curlew									
Sooty Tern		<i>21</i>							<i>2.1</i>
Gray-backed Tern									
Brown-winged Tern									
Common Noddy									
Hawaiian Noddy			<i>120</i>						
Blue-gray Noddy									
Fairy Tern									
<i>Newell's shear</i>	<i>1</i>							<i>3 flocks</i>	

544
54.4

Location *off Kaula Rock & back to Nihoa C.H. Gilbert Cruise 77*
 Observer *R.S. Standen* Date *13 Nov. 1964* Time *0653 to 1730*
 Weather *Clear most of the day rain in afternoon (squall)*

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross	3	1						No watch 1330 - 1500 + 10.1 hrs
Black-footed Albatross	1	1						
Wedge-tailed Shearwater			108					11.9
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								Total birds
Bulwer's Petrel								547
Sooty Petrel								3 flocks
Red-tailed Tropicbird								
White-tailed Tropicbird	2							
Masked Booby	4							
Brown Booby		60						
Red-footed Booby		60						
Great Frigatebird		43						
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		75						8.2
Gray-backed Tern								
Brown-winged Tern								
Common Noddy		52						
Hawaiian Noddy			100					
Blue-gray Noddy	4							
Fairy Tern	5							
<i>Sooty Shearwater</i>		27						
<i>all dark Storm Pet</i>	1							<i>Sooty Storm Pet.</i>
<i>white Rump Storm Pet</i>	2							<i>forked tail.</i>

547 = 60.1

Location *off west + north coasts of Oahu CA Gilbert Cruise 27*
 Observer *R. S. Standen* Date *14 Nov. 1964* Time *0445 to 1730*
 Weather *Clear & very calm - beautiful day.*

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		98						15.1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								Total 262
White-tailed Tropicbird	2							
Masked Booby								3 flocks.
Brown Booby	8							
Red-footed Booby		25						
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy			115					
Blue-gray Noddy								
Fairy Tern								
<i>Shear Pet</i>	1							
<i>Sooty Shear.</i>		13						
<i>Whales</i>								4
								262
								40.3

Total hours watched 6 1/2

Total 262

3 flocks.

0.0

2.0 Sooty Shear.

262 40.3

