

State or Country: California & Baja California Field No. SIO 55-12-45
County: _____ Map: _____, 1
Locality: San Diego Is. and San Bartolome Island and
return.
Lat. _____ N., Long. _____ W.
Water: clear, salt
Vegetation: _____
Bottom: _____
Cover: _____ Temp.: _____
Shore: _____ Current: _____
Dist. offshore: _____ Stream width: _____
Depth of capture: _____ Depth of water: _____
Collected by _____
Tide: _____ Date: VI 9-18 1955
Method of capture: _____
Orig. preserv.: _____ Time: _____

Trips on Research Ship Orca, courtesy
Joseph W. Sefton, Jr. and the Sefton Foundation

PARTY

Joseph W. Sefton, Jr., patron
Capt. Stanley Ellis
Eng. James McKeilago
Cook Webster Jackson

Capt. L. H. Hulse, leader
Laura C. Hulse, secretary (S/O)
Allan J. Storer, boatman (S/O)

Victor B. Scheffer, marine mammalogist (F.O.B.)
Sevgi Z. Lindsay, photographer and
journalist (Stanford Univ.)
Harvey G. Miller, botanist (mosses) Stanford
John P. Knight, botanist (dwarf mistletoes)
U.C. Berkeley

Objectives: (1) Censuses of Stenobothrus for seal
(Arctocephalus townsendi), with deter-
mination of locations, study of habits
etc. for paper by Victor B. Scheffer, and
for recommendations of protection
(resulting from observation of 14 last
November).
(2) Collections of mosses, mistletoes, &

(over)

other plants, by botanists.

- (3) Fish collecting, by night light, electric reel, hook + line, traps, etc.
- (4) Observations of marine birds, especially about Guadalupe Id. (for paper in preparation, by Hubbs).
- (5) General observation of marine mammals en route, and census of elephant seals and sea-lions about Guadalupe Id.
- (6) Photographs of fur seals, elephant seals, old rookery and scaling signs, etc., for papers and for article in National Geographic (as per request of Hilda Woodbridge Williams).
- (7) Miscellaneous collecting, as of mollusks (including whole black abalones, Haliotis cracherodii) as requested by radio through Conrad Limbaugh).

Carl L. Hubbs.

Temperature Record San Diego To Analayse O.

June 9, 1955

Thruway V. 115 taken
with Surf Casting
Thermistor No. 1

Start Time

0712	LV. dock	
0718	4.215 =	Opp. "full speed" Bali Hai Rest.
0724	4.28 =	
0728	4.34 =	
0728	4.36 =	Kona Kai Club
0724.5	4.36 =	
0726	4.36 =	
0727.5	4.47 =	
0728	4.72 =	
0729	4.60	
0730	4.68	Buoy 12 "Cable Crossing"
0733	4.78	" "
0735	4.72	
0737	5.43	Opp Pt Loma tip Buoy 9
0738	5.27	Buoy 8
0739.5	5.44	" 7
0740	5.35	
0744	"	Buoy 5
0811	5.15	< (no recording)
0857	5.08	
0907	"	
0909	5.05	17.33
0917	5.12	
0922	5.17	
0938	5.11	
0948	5.10	
1008	5.11	
1030	5.41	
1038	5.44	16.14

Temperature Record, Suisun Bay, "Onco"

June 9, 1955

PST

Anchorage yet

1047	5.45	1533	4.85
1055	5.48	1550	4.62
1104	5.44	1640	4.68
1120	5.49	1810	4.77
1127	5.54	1858	4.89
1135	5.54	2114	4.95

VI:11:1955 Barack

Anchorage

1225	5.53	0530	5.17
1255	5.49	0648	5.13
1330	5.44	0730	5.13
1342, 1348	"	1641	4.91
1363 &	5.48	1655	5.01
1408	"	1756	5.10
1431	5.50	1930	"

VI:12:1955 Barack

Anchorage

1552, 1604	5.89	0513	5.10
1704	5.58	0613	"
1714	5.63	1130	"
1755	5.47	1330	5.19

VI:10:1955

0534 5.17

Just off Barack Anchorage, 1/2 speed

~~0538~~ 5.63

0540 5.00

0542 slow 4.96

0545 anchor

0553 5.03

0647 5.03

0735 "

(over)

over

Underway 7 f Barnack	0628	5.13
off elephant seals	0636	5.12
off Pilot Rock	0640	5.12
Rounding North Pt	0648	5.13
	0648	5.21
	0653	5.21
	0703	5.21
off pt. at 118 22 long;	0708	5.22
	0718	5.23
deberking pt. of launch	0728	5.23
under way after debarking	0745	5.25
approaching steamer pt.	0755	5.28
directly off steamer pt.	0805	5.33
	0808	5.40
	0812	5.39
	0815	5.39
	0820	5.40
approaching W. anchorage	0830	5.34
" " "	0840	5.33
W. Anchorage	1050	4.43
leaving W. anchorage	1420	5.21
off Chalk Cliffs	1430	5.01
	1440	5.01
off Cape Rock	1445	5.04
	1455	5.13
channel between islands	1508	5.05
South Anchorage (Melbourne Cove)	1515	5.05
" "	1547	4.98
" "	1644	5.10
" "	1742	5.13
" "	1930	5.04
" "	2245	5.21

Temperature Record, Smadalya Trip, "Orca".

(2)

Melpomen Cove Anchorage, continued

VI:13:1955

0536	5.20
0637	5.22
0710	5.22
2013	5.23

VI:14:1955 - Melpomen Cove Anchorage

0528	5.32
1320	5.18
1415	5.14
1835	5.21
2138	5.22

VI:15:1955 - Melpomen Cove Anchorage

0526	5.35
0625	"
1156	5.13
1327	" Lv. Anch.
1328	5.08
1329	4.99 off So. Pt.
1330	5.02
1331	4.98
1332	"
1333	5.01
1337	5.04
1339	4.99
1346	5.14
1348	" slowing down
1357	"
1445	5.07
1812	"
1545	4.98 Headed back
1555	4.93 over

over

Thermister unit lost on return
trip from fishing trial.
Caught in kelp??

Following temperatures taken with
bucket thermometer STA #5

Barack Anchorage V1:17 0525 17.05
" " " 0845 17.25

LOG OF TRIP TO GUADALUPE ISLAND

VI:9- :1955

PST

VI:9:1955

0710 departure, Harbor Boat Dock Co., San Diego.

Caspian and Least Terns: sev. each.

Western Gulls: many.

Cormorants: several, at least 1 D. Crested.

0731 Ballast Point

many Least Terns, a few Brant

Cormorants, several Brown Pelicans.

0744 Abasco Pt. Loma tip: 1 Scaup

Brown Pelican, several W. Gulls.

0755 Abasco Whistle Buoy

Several Brown Pelicans.

Slight trace of Whitespotted.

0810 a few W. Gulls, Brown Pelicans

0838 1 Phoca bl. gr. at surface beside ship (no doubt).

0850 1 Cypselurus.

0900 Rounding N. end of N. Coronado Id., close.

0910 I went to crow's nest.

0920 1 Shearwater (prob. Sooty),

1 W. Gull.

0922 Cypselurus

+ 1 Prionace

← wind
light (force 3
bunch)

(over)

(over)
VI: 9:10:25

0925 Prionace (1, ab. 7'), was rising a piece
of floating cardboard.

Cypselurus (1)



at 10' flight

0932 Cypselurus (1)



↑ taxi (2)
↑ taxi (2)



0942 Cypselurus (1)



0945 Small school of Delphinus came
in from W close to side of ship, then
disappeared (about 0948), probably
deflected by a large navy transport
coming up on parallel course about
1/2 mile E.

0950 Cypselurus (1) leaping

twice in close succession, or 2)



1001 1 W. Gull.

very brief taxi

1002

very brief
taxi
near
side



1010 W. Gulls (2)

1014



1 Pelagia

1019



Cypselurus (1)

flight ab. 8'

1029



Cypselurus (1)

VI: 9. 1955 (con.)

1037



Cypselurus - spp. 1 fish,
coming out after short flight.

1040 Down from previous nest.

all diving with slip recovery flight.

1043

Cypselurus, presumably californicus.



1048



1100 Off for lunch - Rougher.

1124



[1130-1340 Off watch]

1342-48 Black Petrel (several)

Georg Lindsay reports that at about 1115,
he saw a school of at least 50 porpoises,
which he thinks were Dolphins (after
seeing those reported before), coming to
ship from E, staying only briefly at our

1400±



1410



Wind now

force 4

Then 2 observations by
George E. Lindsay

(Another seen about
1 hr. earlier)
over

1405 At least 3 porpoises came by bow
from E but crossed ahead & kept going.
One seen by Scheffer to keep clear of
water 100 yds to W. Strongly hooked
dorsal with lighter trailing edge.
Rather deliberate in movements &
compared with Delphinus and
larger. Almost certainly
Lagenorhynchus obliquidens.

1408-12 By count 16 porpoises, definitely
Delphinus bairdi, came in from SE
and followed bow nicely. Some of the
deeper ones swam as much as 100 yds.
back up. Others turned to show
anteroventral white area. At least
one had a gray band across base
of beak (check sketch of 1 seen
several yrs. ago and thought to be
perhaps Steno). During the time
I was watching of bowshot Lindsay
saw a few larger porpoises coming
in from the W. (like the small
school of Lagenorhynchus seen
earlier). Some of the Delphinus
groups were always down.

1422 1 Black-footed Albatross, staid
behind ship for some time.

(cont.)

VI: 9.1955 (cont.)

1425



Scared flight
starting deep sea
to where first
flight ended.
Likely same fish.

1427 A small all black Petrel.

1435 "Beak's Petrel" (1)  (side slipping)

1441



1443 Beak Petrel (1) + Black Petrel (1).

1454

"

"

(1)

1520



1525 Beak's Petrel (1)

1542

"

"

"

1605 Hubbs off watch.

1610 Delphinus - school of about 10 at
bow for 4 minutes (Scheffer)

1706 Delphinus - school of about 8 at
bow about 1 minute (Scheffer).

VI: 9-10.1955 during night somewhere N
of St. John's Island - Squid.
came aboard in storm, found just
before arrival in early morning
at Barracks (NE Anchorage) of
St. John's Id. (not Lolo).
Preserved for McGowan.

VI: 10.1955

0545 ^{Just} at Anchorage of Barracks; 1 W. Bull
flying along cliff not attracted to ship.
(over)

VI. 10: 1955

0553 1 W. Seal, light-footed, overhead.
Elephant Seals on beach S of dyke
rock pt., on sand and cobbles, mostly
on sand. 79 counted from ship;
8: 1 ♀, yg. → ad. The sand is in
the upper berm.

0705 1 W. Seal with light-pink feet
(unusually pink for native bird)
on beach by Elephant Seals.

0730 many Elephant Seals have
now gone into the water; there
plus those remaining give
better count of 136 from ship
about 1/8 mile offshore.
2 yg. ♂s mock-fighting.

0800 on See 8x11 sheets for notes
dictated by C.L.H. & L.C.H.

VI. 11. 1955 Observations around northern
part of Guadalupe Island, from
Barracks to Steamboat Rock & return.
See yellow sheets.

VI. 12. 1955 Observations from Barracks
around north end of Guadalupe Id.
and down W. coast to Melpomen
Cove. See yellow sheets.

VI. 13. 1955. Observations in Melpomen Cove,
around Outlet Islet, and about "Isote
Negro". See yellow sheets.

VI:14:1955

Observations in Melpomene Cove, from
islets off south end to $29^{\circ}56'12''$ N. lat.
(chart 681) - see yellow sheets.

VI:15:1955 Observations about southern end
of Guadalupe Island, including "Islote
Negro" off W. coast, pinnacle rock between
Islote Adentro and main island, and
east of South Bluff. See yellow sheets.
Also S1055-45

VI:16:1955 Fishing with electric reel off (E of)
South Bluff and run up E coast of
Guadalupe Id. to check on fur seals,
etc. See yellow sheets + S1055-45.

VI:17-18:1955 Return trip to San Diego. See
yellow sheets.
