

State or Country: Mexico, Baja Calif. Norte Field No. 31057-116
County: Map: 1
Locality: Point between Pta. Cabras & Pta. Calaveras -
- ab. 2 mi. N. of Punta Cabras - at point on N. side of
Cove at Temp. Sta. 24A Lat $\sim 31^{\circ}14'$ N, Long $\sim 116^{\circ}28'$ W.
Water: Salt, rather clear, some oil sign at surface.
Vegetation: Some Egeria, trace Macrogystra, various small
brown, red & green algae.
Bottom: Rock, boulder, sand, gravel
Cover: Crevices - only fair Temp: (In adjacent cove) 15.34°C at
Shore: very rough rock platform - Current: see below } 0815 DST
Dist. offshore: fairly wide Stream width:
Depth of capture: Depth of water: see below
Collected by: C.L. Hubbs & party - see first sheet of this series
Tide: -1.4' (per San Diego d.) Date: 29 June 1957
Method of capture: Emulsifiable rotenone, dipnet
Orig. preserv.: 10% formalin Time: 0445 - 0700 DST.

Collection made to check effects of pollution from
tanker that went ashore about $\frac{1}{4}$ mi. to S. in
late March. The pools were v. well worked with
creel & fl., & were much more promising - except
for the pollution - than those fished on Dec 8, 1956
(H.50-279), but yielded extremely few fish & most
of these were either new arrivals or wanderers.

There was some oil stain left on the rocks &
some odor, as also in the small cove immedi-
ately to the southward, on the south side of
which are the pools which were fished in 1956.
The oil signs & effects were much more
severe about a quarter mile to the southward
in the cove containing the wrecked oil tanker.

The algae seemed much less affected than the animals.
The chief obvious abnormality was the green
color, extreme elongation, and easily pluckability
of the common Porphyra. A 5-gal. sample of
the algae from north side was preserved in 4%
formalin for study by Dawson (re temperature
as well as pollution studies).

Pools were mostly protected by a wall of rock on NW side.

In surge	mod	0	0	0	0	0	mod	
Ht. in ft. above low water	3	4	5	5	5	10	1	pool?
Depth of pool, ft.	2	1	1 1/2	2 1	2 1/2	1	6	
Rough width of pool, ft.	5	5	12	2	2	42	3-15	
" length " "	5	12	18	30	10	30	75	
% vegetated, about	10	2	5	8	8	2	15	

Octopus (small)	1	-	-	-	-	-	-	-
Crab	-	1	-	-	-	-	-	-
<i>Succinea</i> ✓	-	-	-	-	-	-	1	-
<i>Isopod</i> *	-	-	-	-	-	-	-	1
51 <i>Birella nigricans</i> sp.	-	-	-	-	-	-	-	-
53 <i>Succinea</i> sp.	-	-	-	-	-	-	-	-
<i>n. linearis</i>	-	-	-	-	-	-	1 (256)	-
<i>Clinoecetes meli</i>	-	-	-	-	-	-	-	-
<i>australis</i>	-	-	-	-	-	-	1 (124)	-
<i>Oligoecetes mydri</i>	-	-	-	-	-	-	-	-
61 <i>Xerxes fucorum</i>	-	-	-	-	-	-	-	-

✓ Limbaugh says this is an identified species of *Pt. Conception*, but not to find in southern California.

✓ On other spec.

✓ Some transformation from geologic spec.

✓ 1 ad. ♂; 1 lg. or subad.