

State or Country: Baja Calif. Field No. 157-21
County: Northern District Map: 1
Locality: Reef on point just W. of fishing camp
(Temp. Sta. 16 D), S. side of Punta Banda
(= El Papalote) Lat. 31° 43.6 N., Long. 116° 43.15 W.
Water: clear; salt Chart 1046 1923
Vegetation: much *Phyllospadix*, *Macrocytis*, small algae, coralline,
etc.
Bottom: rocky, boulders, gravel
Cover: good crevices Temp.: 13.0° off shore
Shore: on narrow reef Current: mostly in strong surge
Dist. offshore: pools and small inlets Stream width:
Depth of capture: Depth of water: to 10 ft.
Collected by Carl H. Stubbs + party on Orca
Tide: -1.6 at 1355 (S.D. Time) Date: II: 3: 1951
Method of capture: derris poisoning
Orig. preserv.: 10% formalin Time: 1400-1600

Used one five gallon can of poison,
1-5 gal can mostly across 20' mouth of inlet about 50' long.
1-3 gal jar Poison worked into next similar inlet and
1-2 gal jar out into kelp where gulls got fish. Kelp bed (*Macrocytis*)
thick just off shore.

All fish saved, with some algae, and a few invertebrates
Area generally well protected from swell

✓ 26. *Gymnothorax mordax*: 1 hl. gr. Vertical fins
posteriorly bordered with yellow.
3.68 mm.

✓ 47. *Cymatogaster aggregata*: 1 ad. ♂, 62 mm.

✓ *Micrometrus minimus*: 3 ad., 1 ♂, 2 ♀s, 46, 52, 123

✓ *Micrometrus aurora*: 1 ad. ♀, 66 mm.

✓ *Ampelisca*

✓ 50. *Oxygaster californica*: 1 ad., 159 mm.

To Mammals XI: 1957 51. *Girella nigricans*: 3 y. ad., 91-158 GIFT

51. *Scorpaenichthys marmoratus*: 1 hl. gr., 1 very
large nearly ripe ♀, typical brown phase, 510 mm.
Food of adult: 1 kelp crab, much *Macrocytis* and
Phyllospadix. 2 (150-510) Int.

It all grown in reddish phase. Reddish flesh inside
mouth

✓ *Artedius lateralis*: 11, 4 y. ad. 48-118 mm.

- Not found X: 18.57
- ✓ *Artemius corallinus*: 1 ad. 64 mm.
Artemius creaseri: 29 yr.-ad.; typical waxy color. 30 (27.5-57.5) R.J.K. 25 Feb '59
- ✓ *Orthonopias triacis*: 26 yr.-ad., incl. nuptial ♂ 27 (42-66.5) R.J.K. Feb '59
- ✓ *Oligocottus rubellio*: 56 yr.-ad., " " 30-53 mm.
 48 + 7 (31.5-39) R.J.K. Feb '59
- ✓ *Clinocottus analis australis*: 7 yr.-ad. 50-95 mm.

embryum: 1 ad. ♂: borders of dark saddle
 bright green-cream; spots on lower side profuse, light blue;
 considerable coralline color in mottlings.

56 *Clinocottus embryum* 1 (40) R.J.K. Feb '59
Liparis mucosus: 14 hlgr.-ad. 14 (25.5-40)

- 1 with very conspicuous white spots with blackish borders; some spot running together to form short streaks.
- 4 with hexagonal to rounded network of fine blackish lines on sides of head & body; most of these cherry red.
- 2 in striped phase; 1 with primary stripes light, other with the more conspicuous stripes dark.
- 7 with dusky speckling, on ground color grading from orange to sky.

60. *Pimicola dimorpha* 17 (20-30) hlgr.-ad.; 16 in greenish to brown, unstriped phase; 1 green, dark striped, scraped from ~~20 Mar 2001~~ ~~found~~ *Phyllopedix*.

61. *Heterostichus rostratus*: 1 large reddish brown ad.
- 61 A *Gibbensi* *metzi*: 38 hlgr.-ad., incl. ripe ♀. 44-187 mm.
~~*vulgaris*~~
- 61 B " *montereyensis*: 40 yr.-ad. (some *O. elegans*) ~~189 (22.5-75) 26-75~~
 incl. nuptial ♂ + eggs 39.5
- 61 C " *elegans elegans*: 34 yr.-ad., incl. ripe ♀. 122 (125 mm)
- ✓ *Xerorpes fucorum*: 19 yr.-ad., incl. 1 very turgidly ripe ♀. 74-125 mm.
- ✓ *Uvicola sanctaefferiae*: 2 ads; 2 mat. ♂ + 1 very gravid ♀. 221-227 mm.

[♀ not found on sorting]
 1 (196)

X: 17: 1907

identifications checked previously mostly 1 km with S. Norris)
 S.L.W.