

Sta. No. H45-124

Locality: California: reef of Scripps Institution
of Oceanography, near La Jolla

Lat. 32° 51' 4"-8" N.; Long. 117° 15' 7" W. (USC & GS chart ^{Hydr. Sheet} 4809, 1934.)

Water: clear, salt

Vegetation: generally dense - Eisenia and Phyllospadix
predominating

Bottom: rock, boulders + nearby sand Temp.: mod.

Shore: rock and stones to high cliff Current: low waves

Distance from shore: shore to 150 ft. Tide: ~~low~~ high

Depth of capture: various Depth of water: 0-7 ft.

Method of capture: observation by goggling

Collected by: Carl H. Hubbs + Robert P. Harry, Jr. Date: VIII: 2: 1945

Orig. preserv.: ~~—~~ Time: 5:30 - 7:00 P.M.

56' at 5:31 P.M.
cov. for Scripps

Holorhinus

6. Aetobatus californicus: 1 ad.

clearly seen by Harry in sev.
ft. of water, swimming slowly
near bottom over sandy bottom.
~~in mid-water.~~

35. Paralabrax clathratus: sev. hl. gr.

seen singly among algae at
about 4' depth.

40. Atherinops affinis littoralis:

one school of about 10 hl. gr. - all
seen clearly from side -
seemed certainly to be littoralis.

Atherinops affinis cedrosensis(?)

several school of yg. at surface
about sev. ft. of water -
very blue-backed. Thought to be
cedrosensis - over-

55-61 - Not a single Clinocentrus or Siphonaria could be seen.

over
46. Menticirrhus undulatus: 1 hl. gr.
seen on sand close to the rocks.

47. Embiotoca ^{rubellus, n. sp.} webbii: several hl. gr.
of ~~pink~~ dusky reddish color seen
in deeper layers, diving into weed
when disturbed, at 3-6 ft.;
solitary. One large blackish
adult might be E. jacksoni.

Micrometrus minimus: considerable
no. of hl. gr. - ad. in small
schools just over weeds in
2'-4' (i.e., on inner part
of reef).

48. Hypopygops rubicundus: 1 hl. gr. with
some blue + sev. isolated
orange adults, diving into heavily
vegetated crevices + then not
to be seen there. Length 4'-7'.

51. Hermosilla azurea: 1 seen very clearly,
in mid-water well above weeds
in about 5' of water; moved
out + down when disturbed.

Sirella nigricans: yg. - lfr. common in
small schools in depressions on
inner part of reef, when pools would
form at low tide. None outward.
One ad. prob. of this spec. dove
into a crevice in about 5'.

H45-124 A-

Goggling observation by R. R. Harry Jr.
Same locality & ecology -

● H45-124 A - VIII:12:1945 5:30-7:00 P.M.

35. Paralabrax clathratus; 1 subad., border
of reef.

40. Atherinops affinis cedrosensis: large
schools, within 2 ft. of surface, near
& over reef.

44. Anisotremus davidsonii: 1 bl. gr. close to
shore on reef.

47. Embiotoca ^{rubellus n. sp.} webbii: 2-3 subads. at
border of reef.

● 50. Oxygaster californica: bl. gr. in
schools of about 50 close to
surface over reef.

51. Girella nigricans: bl. gr. - subad.
many swimming around rocks on
reef - none over sand.

H45-124 B (with Shepard)

VIII:29:1945 8:45-9:00 P.M.

47. Embiotoca ^{rubellus n. sp.} webbii: schools of ads.;
a few reddish brown; others brown;
bars obscure but noticeable on several;
swimming close to shore in hollows
of reef; seen to outer edge of reef
but not beyond; yg. seen in 2'-3'
of water - all brownish red, all
solitary.

over

H45-124 B (con.)

- Hyperprosopon argenteum: large school
Micrometrus minimus: scattered -
small to lg. ads.; depth 2'-5';
mouth on Phyllospadix.
- 48.) Hypsypops rubicunda: about 5 ads.
among rocks.
- 61.) Heterostichus rostratus: 1 ad. colored
like Eisenia; between 2 rocks
overgrown with Phyllospadix & Eisenia.

H45-124 C IX:15:45 3:00 - 4:30 P.M.

- 8
5. Triakis semifasciata: 1 ab. 4 ft.;
swimming moderately fast over rocky
bottom away from vegetation;
about 4' from bottom in 10-15' depth.
6. Urobatus halleri: 2 ads. 1 large one
seen in surf, in 4' of water on sand.
Others ^{lying} on surfgrass among rocks.
- Pteroplatia marmorata: 1 subad.
^{micurus}
Syngnathus swimming over sand beside reef.
When it was approached it worked
itself under sand until it could
not be seen. Shows shape &
short tail.
30. Paralabrax clathratus: sev. yr.-hl. gr.
35. Xenistius californiensis: 1 school,
44. mouth of hl. gr. in outer surf
of sandy beach, about 200 yds from
(con.)

H45-124 C (con.)

reef. Very shy. Stripes + yellow C
easily seen.

40. Atherinops affinis cedrosensis: yf. - abo. common.

44. Anisotremus davidsoni: sev. ads. on reef.

46. Menticirrhus undulatus: sev. ads.

seen - all solitary except for
several under Xenistius school.

47. Embiotoca ^{rubellus n. sp.} ~~webbii~~: about 5 reddish yf.

Hyperprosopon argenteum: very common.

Ads. seen up to about 7". Very
few small ones. Larger ones dark gray.

Micrometrus minimus: common among
rocks.

48. Hypsoglossus rubicunda: bl. gr. - ads.

common - all around rocks.

^{Chromis}
~~Ayresia~~ punctipinnis: 3 size-groups:
very yf. schooled separately from
others, but with yf. of Oxyjulis.

Some about 1 1/2" long schooled
by themselves, with no Oxyjulis.

Others about 2 1/2" long (yearlings?)

also schooled separately. Mostly
blue, little yellow (only at C. base):
dark spot already developed.

All 3 size swim well above reef:

none on sand. Youngest much
the yellowest.

50. Oxyjulis californica: only yf. in schools of
~~about 30~~ Ayresia; about 30 seen.

H45-124C.

51. Medialuna californiensis: sev.
schools of about 10.
Girella nigricans: prominent
schools as usual.

H45-124 D. IX:17:1945
~~East F. B. D~~

Water turbid and rough.

- 44 48. Xenistius californiensis: one school
compact school of perhaps 60-70
fish about 2" long, prominently
stippled + otherwise similar to ad.
First seen about 2' from surface
over 8' depth; descended to
2'-4' - at edge of reef.

51. Girella nigricans: common as usual

47. Embiotoca ^{webbii, n.sp.} webbii: very common,
mostly h.g.

Hyperprosopon argenteum: yg. h.g.

Micrometrus minimus: ad. common
in surf close to shore among
broken-up kelp + rocks.

48. Hyperprosopon rubicundum: sev. h.g.