

COPY to Calif. 13:1945

Sta. No. 144-43 Orig. No. 2

Los Angeles Co.

Locality: California: Inspiration Pt., at east corner of tip. Two tide-pools on top rather high reef.
Lat. $33^{\circ}44.15'N$, Long. $118^{\circ}22.08'W$ (U.S.C.G.S. chart 5143, 1932)
Water: clear, salt
Vegetation: much brown & coralline algae; a little *Phyllospadix*
Bottom: rock, stones & boulders Temp.: cool
Shore: rock shelf to cliff Current: slight inwash
Distance from shore: 2 pools about 10×15 ft. Tide: -1.3 at 4:37 P.M.
Depth of capture: Many vertical and some horizontal crevices Depth of water: to 3 ft.
Method of capture: chlorinated lime
Collected by: C. L. & L. C. Hanks, Kampa & Langharty Date: XII.29.1944
Orig. preserv.: 10% formal Time: 3:00-4:30 P.M.

One pool at edge of reef, but behind 1-3 ft. walls; other pool in line just behind. Pools about 2 ft. above lowest water level, but on very exposed point, hence subject to strong wave action.

Many sea-urchins (*Strongylocentrotus franciscanus*) sea anemones, etc. About 10 corals, *Cypraea spadicea*.

All saved except about 40 of *Girella*. Poisoning not quite complete.

Collections 43a and 43 b mixed in field

51. *Girella nigricans*: About 40 discarded without reference to color and with 2 spots on each side preserved from 43a. One half grown discarded from 43b.

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11453 Smaller young seen in very high pool at base of reef inside 43a. (over)
D. 7.11.14, all branched; III, 12 a.

Form 3157-4-54

55. Chirocentrus analis australis: moderate

number from each pool.
To Calif. Acad. 11462

Szelegya rubellia: 6 ad. ♂ and ♀ 36-47 mm.
from outer pool of 43a. 2 ♂'s with dusky orange throats.
4 ♀'s with greenish white throats.
Counts below All given to Clothier for clearing

60. Infratridans rhesodon: 2 ads, 35.5-44 mm.

D. 10, A. 7 } To: Charles Clothier, Calif. St. Fish. Lab.
D. 11, A. 9 }

(copied for group 60 file) 3 additional specimens kept by Miss Anita Dougherty in aquarium.
Taken by turning over boulders in margin of 43a

60A Rimicola eigenmanni eigenmanni: 18 (17-28)

21 caught, 3 kept alive by Miss Dougherty.

Color varying from a brownish green to reddish and purplish brown. Some much freckled and some with the lateral row of freckles especially well developed but not forming a definite band. All definitely two broad

For S30

all from 43b and adjacent area. Head length 3.15-3.45 in st. l.; head width 4.1-4.6

Counts for <u>Szelegya rubellia</u>						Sex
D ₁	D ₂	A	P ₁ -	P ₂	C	
8	14	11	14-14	I, 3-I, 3	11	♂
8	14	10	14-13	"	11	♂
8	14	11	14-14	"	10	♀
9+	14	11	"	"	10	♀
8	14	11	"	"	11	♀
8	13	11**	"	"	10	♀

(copied for group 55 file)

* lower ray slightly smaller + 9th minute
** second 1/2 of last ray much reduced and very close to next ray

Enallagma nesothea (cm.)

Adult ♂'s have the 1st D. nearly uniform dusky red, becoming sooty toward margin and partly broken by 2 lengthwise greenish stripes. The red is especially brilliant in the ^{first} 2 spines on either side of a jet-black wedge. The ♀'s have the fin banded with greenish and blackish red stripes, with the black becoming most intense near front of fin but not forming a large black mark. The 2nd D. is also redder in the ♂'s and appears to be obliquely banded light rather than dark. The enlarged 1st anal spine and the globose membrane behind it in the ♂ is green.

61. *Gibbounia e. elegans*: small series from 43a and large series from 43b.; 113 ^{sp. ad.}
Barred, stripe and plain colors.
Very pale to blackish. Coralline, kelp and greenish colors. 11447

73 sp. to Calif. Acad. selected for good preservation and varied pattern; remainder counted by Kampa and discarded.

Gibbounia metzi: Small series in each station.

Striped, plain and barred phases.

Striped ones mostly more or less green.

Striped ones look much like the striped *Heterostichus*. One brown one has only the primary silvery band somewhat disrupted and lacking posteriorly.

The green-striped phase does not appear to be slenderer than the plain or barred ones.

Series, (29) h. gr. to ad., counts all taken by Kampa, I: 12: 1945, to Calif. Acad.

To Calif.
Acad.
11449

61 (con.)

Heterostichus rostratus : 5 specimens, 1 bl. gr. to

ad., 2 half grown are brown, one redder and the other greener, with faint zig-zag bars and much disrupted primary silvery stripe.

To good
Ct 530
11/438
The 3 adults are olive with darker zig-zag bars and much silvery and white speckling but not definitely striped.

All from 43b.

See end of notes for counts, etc.

1(52)

Ct 530
11/438
Hypsoblennius gilberti : 1 imm. ♂ from 43b.

Counts taken I:13:45

Ct 530
11/438
Hypsoblennius jenkinsi (61) : 1 fine ♂ from outer

pool of 43a. Strong pink wash in darker reticulations of side. Snout part of head slightly pinkish at tips of mandibles (in advance of 1st V), slaty between 1st and 2nd V's, and pink between 2nd and 3rd marks; slightly pink behind 3rd mark.

The orbital tentacle is dusky pinkish, the nasal bright pink. There is a purplish pink wash on the 1st D. and an uneven orange edge. 2nd D. and A. are pinkish with reddish brown bars on the rays. The bars on the C. are conspicuous, varying from greenish brown basally to reddish brown distally. The small spots on the side of the head vary from reddish to slaty. Counts taken I:15:45

Heterostichus rostratus :

St. L. mm.	Depth mm.	D ₁	D ₂	A ₁	A ₂	P ₁	P ₂	C*
96	19.7	37	12	2	33	13-13	I ₃ -I ₃	11
105	24.6	38	12	2	34	"	"	11
202	44.0	37	12	2	33	"	"	11
223	47.3	37	12	2	33	"	"	H
256	53.0	37	12	2	33	"	"	11

(Transferred to Group 61 file)

* None branched.

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I. 13: 1945-

Sta. No. H44-436 Orig. No.

Locality: California: Inspiration Pt., Los Angeles Co.,
at base (in Portuguese Bend). At edge of low reef.
Lat 33°44.31' N, Long 118°22.00' W (U.S.C. & G.S. Chart 5143, 1932).
Water: clear, salt. Area about 25' x 25' with water network about
Vegetation: much large & small brown algae, coralline algae and
Bottom: stones, boulders, sand, etc. ^{large boulders} ~~Physosporus~~ coral
Shore: wide flat reef to stony beach & cliff. Current: no wash at
Distance from shore: Pool area barely above low tide. Tide: -1.3 at 4:37 P.M.
Depth of capture: Rather thorough poisoning. Depth of water: to 1 ft.
Method of capture: chlorinated lime + dipnets.
Collected by: C. L. C. Hobbs, Kump & Langhans, Date: XI. 29. 1944
Orig. preserv.: 109a form Time: 4:48-6:00 P.M.

All saved except 1 Smilla

Collection 43a and 43b mixed in field.

Some dipnetting in similar, adjoining area
as tide came in - mostly for

Rimicola Infratridens taken under
flat boulders about edge of pool.

Listed on H44-43a