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Sta. No. 745-166

Locality: Calif. Tip of reef at Bird Rock, between La Jolla and Pacific Beach

Lat. $32^{\circ} 48' 48''$ N.; Long. $117^{\circ} 16' 24''$ W. (USC & GS chart 5101, 1933)

Water: clear, salt

Vegetation: much Phyllospadix and brown, red and coralline algae

Bottom: mostly bed rock; some boulders + stones Temp.:

Shore: rocky reef to cliffs

Current: pools + heavy surf

Distance from shore: on top and at very edge of reef

Tide: -0.9 at 3:15 P.M.

Depth of capture:

Depth of water: to 4 ft.

Method of capture: dip net only

Collected by: C. L. & L. C. Hubbs + E. M. Rampa Date: X: 21: 1945

Orig. preserv.: 10% form. + borax

Time: 2:15 - 4 P.M.

60A *Rimicola eigenmanni*

535 ~~535~~ (9.5-25.5)

Counts + color notes in Group 60 fill.

CAS

60. *Rimicola eigenmanni eigenmanni*; 424 yg. ^[brown] ^{tl} ⁹

Intermediates: class 1 (18); class 2 (6); class 3 (3); class 4 (6).

Rimicola eigenmanni ~~miscarum~~: 74 yg. - bl. gr. [green]

61. *Paralimnion integrigenis*: 1 ad., discarded

Sibbousia elegans elegans: a few, saved. ab. 1 pt.

Heterostichus rostratus: 2 large - d.

TOUSNM

208-213 mm.

In the deeper water, 3 feet or more, *R. eigenmanni* ^[green] ~~miscarum~~ more numerous than

R. eigenmanni ^[brown] As previous collections

the green specimens were never on the brown algae, although the brown specimens were sometimes found in the green surf grass. *Rimicola* were not taken on open points of reefs where waves beat heavily.