

Species: *Lineus pictifrons*

NODC # 43030204--

Describer: Coe, 1904

Characters:

- ① Mouth and proboscis pore separate; mouth immediately behind brain
- ② With deep cephalic furrows; without caudicle.
- ③ Body brown or slaty with narrow yellow rings and 7-15 fine yellow stripes, of which the mid-dorsal is most defined, connecting diamond-shaped areas on rings.

Description: Live - 5-15 cm length; 3-4 mm. Body soft and flabby, often snarled, fluted longitudinally. Head narrow, elongated, often emarginate. Cephalic slits unusually long, deep. Color - deep brown, chestnut or slaty, often with greenish, bluish or reddish sheen. Posteriorly paler. With a series of 40-100 or more lemon yellow rings. Posteriorly these rings appear on dorsal surface only. Most rings have diamond shaped thickenings along the mediadorsal line. Most anterior ring is at posterior end of cephalic furrows, and does not extend ventrally. Dorsal surface fluted, with very fine, hairlike lines of ochre, orange. Lines are much interrupted, irregular, wavy. Usually 7-15 lines, of which the mediadorsal is most distinct and connects the "diamonds." Head with a narrow terminal white border enclosing 2 orange spots imbedded in a yellow area, which sometimes has a few dark brown dots.

Proboscis long, slender, flesh-colored. Proboscis pore subterminal. Ocelli absent. Cutis gland layer lies outside longitudinal muscles. Cephalic glands voluminous. With cerebral sense organs. [2]

Preserved - orange spots on head disappear. Yellow rings and stripes often obscured. "Diamonds" along mediadorsal line are almost always visible, though faded. [A]

Habitat: Intertidal in mussel beds; subtidal among algae, etc on rocky bottoms. Occasionally on muddy bottoms. Also in kelp hold fasts. [A]

Range: Puget Sound to Monterey to Gulf of California. [5]

Comments: Very common at some Channel Island mussel bed sites.

Type Specimens:

Material examined:

1977-78 BLM Mussel Bed Survey

1975 King Harbor Stable Substrate Survey

1975, 1976, 1977, King Harbor Unstable Substrate Survey

SCWWRP 60 meter Survey Palos Verdes Peninsula

Synonyms:

References:

1 Coe, 1904 - original description

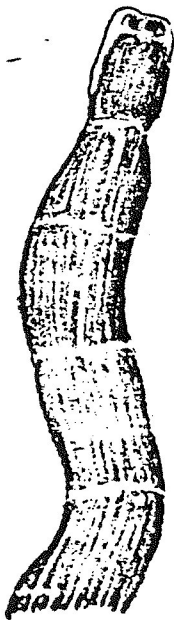
2 Coe, 1905 - monograph

Coe, 1905a

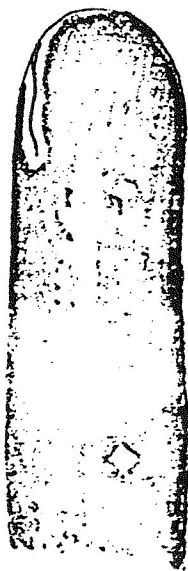
L Coe, 1932, 1934 - regeneration studies

5 Coe, 1940 - revision

Figures:



Live 2



Preserved A