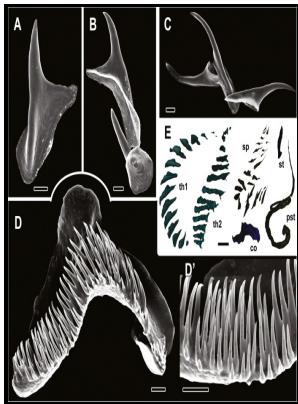


# Freshwater Shell-Less Mollusc From the Caribbean - Structure, Biotics, and Contribution to A New Understanding of the Acochlidioidea.

s.n - Undersized and underestimated: 3D visualization of the Mediterranean interstitial acochlidian gastropod *Pontohedyle milaschewitchii* (Kowalevsky, 1901)



Description: -

- Freshwater Shell-Less Mollusc From the Caribbean - Structure, Biotics, and Contribution to A New Understanding of the Acochlidioidea.

- Life sciences contributions -- 116 Freshwater Shell-Less Mollusc From the Caribbean - Structure, Biotics, and Contribution to A New Understanding of the Acochlidioidea.

Notes: 1

This edition was published in 1979



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## Asperspina

In contrast, the labial tentacles of members of marine Hedylopsis are flattened, rounded lobes. Mol Biol Rep 2011, 38 1:291 -299. The theoretical possibility that hermaphroditism may evolve in brooding animals was examined in gastropods.

## Barcode against a paradox? Combined molecular species delineations reveal multiple cryptic lineages in elusive meiofaunal sea slugs

Our BPP analyses supported all MOTUs identified in our PSH and, additionally, split the ambiguous MOTU VIII into two entities, in agreement with GMYC analyses. Red circles indicate calibration points. Molecular-based species delineation and secondary species hypotheses Maximum-likelihood GMYC Discriminating between population and speciation patterns, under single-threshold analyses, GMYC identified all MOTUs as separate species, regardless whether based on COI Figure 2B , 16S rRNA Figure 2C or the concatenated three-marker dataset including nuclear 28S rRNA Figure 2D.

**Undersized and underestimated: 3D visualization of the Mediterranean interstitial acochlidian gastropod *Pontohedyle milaschewitchii* (Kowalevsky, 1901)**

Anterior digestive system, digestive gland omitted right view. Front Zool 2009, 6 1:20.

## Details

Small, unpigmented eye Figs , C, F 35 µm posterior to optic ganglia. Birk CW, Ricci C, Melone G, Fontaneto D: Integrating DNA and morphological taxonomy to describe diversity in poorly studied microscopic animals: new species of the genus Abrochtha Bryce, 1910 Rotifera:

Bdelloidea: Philodinavidae. Jörger KM, Neusser TP, Schrödl M: Re-description of a female *Pontohedyle brasiliensis* Rankin, 1979 , a junior synonym of the Mediterranean P.

### **Phylum Mollusca**

Pleural ganglia 48 µm connected to visceral loop ganglia Figs , D, E, B, C , i. It suggests an unexpected magnitude of diversification and cryptic speciation still exists in other small-sized, neglected taxa.

### **A freshwater shell**

Proc R Soc Lond B Biol Sci 2003, 270 1512 :313-321. Title A freshwater shell-less mollusc from the Caribbean : structure, biotics, and contributions to a new understanding of the Acochlidioidea Related Titles Series: Life sciences contributions, no.

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