

A NEW OLIVA FROM MADURA, INDONESIA.

(GASTROPODA: OLIVIDAE).

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Onlangs ontving ik van een kennis uit Singapore een aantal Oliva species van Madura, Indonesië, waarvan hij vermoedde dat het om een tot nu toe onbeschreven soort zou gaan. Jammer genoeg ben ik niet in de gelegenheid geweest om alle type-exemplaren van het genus Oliva Linné, 1758 te bekijken, maar na literatuur onderzoek kwam ik toch tot de conclusie dat het hier inderdaad om een onbeschreven soort moest gaan.

Het nieuwe soort wordt vergeleken met de algemeen bekende Oliva sidelia Duclos, 1835 en Oliva carneola forma adspersa Dautzenberg, 1927 en de veel minder bekende Oliva picta Reeve, 1850.

Introduction: Recently I received three shallow water Oliva species of Madura, Indonesia.

Although I did not study all type material of the genus Oliva Linné, 1758 I am convinced this Oliva species is new to science and describe it as:

Oliva vicweei n.sp.

Description: Shell medium sized for genus. Cylindrical, 15 - 17 plicae which are explicit present. Spire blunted in adults and more elongated in subadult specimens. Spire whorls are completely covered with thickened purplish to brownish callus. The coloration of the callus is shown radially from apex to suture.

The ground colour of the body-whorl is cream to yellowish. The shell has two, more or less shown, bands. One around the middle of the body-whorl, the other a little below the suture. Oliva vicweei n.sp. is clouded by brownish spots and yellow triangles and very dark spots are scattered around the body-whorl. Just below the suture a necklace of dark brown to black spots is present.

Aperture lavender to brownish within. The suprafasciolarian band is provided with numerous, irregular, reddish brown lines.

Holotype: Measurements of the holotype; height 29.8 mm and width 13.3 mm. The type is preserved at the ZMA. (ZMA Moll. 3.89.017)

Type locality: The type locality is east Madura, north-east Java, Indonesia. Found at 1.5 to 2.5 meters in fine yellow sand, in a small pocket inside a coral reef.

Paratypes: Two paratypes; paratype 1 (29,4 x 13,8 mm) in the collection of Victor Wee, paratype 2 (21,9 x 9,9 mm) in the authors collection.

Comparison: I compare the new species with the well known *Oliva sidelia* Duclos, 1835, *Oliva carneola forma adspersa* Dautzenberg, 1927 and the much less known *Oliva picta* Reeve, 1850.

There are a few species which are sometimes considered different than *Oliva sidelia* and sometimes are synonymized with it. I mention *O.todosina*, *O.volvaroides* and *O.lepida*, all Duclos, 1835. A study of the protoconch and shell measurement will prove if they are just one or different species. For the moment I consider them synonyms of *O.sidelia* in the framework of this comparison.

The most conspicuous difference is the larger size of *Oliva vicweei* n.sp. The columellar plications are bigger and more pronounced as in the three other species. The blunted spire is also an obvious character.

O.vicweei n.sp. seems most closely related to *O.picta* Reeve, 1850.

Besides the differences enumerated

before the shell of *O.picta* is more stockier as the new species. A picture of a syntype is shown by Kaicher (1988).

Derivatio nominis: *Oliva vicweei* n.sp. is called after Victor Wee of Singapore who allowed me to study the new species and kindly donated one part of the material.

Acknowledgements: I wish to thank Victor Wee, who recognized this species being new, Peter van Pel for making the photographs and Robert Moolenbeek for advice.

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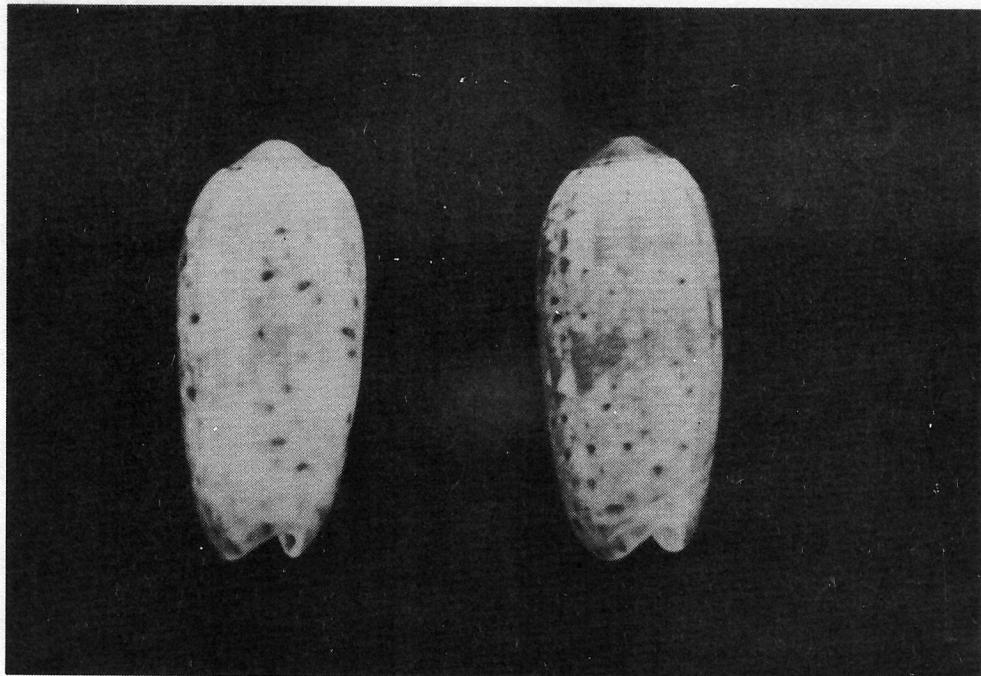
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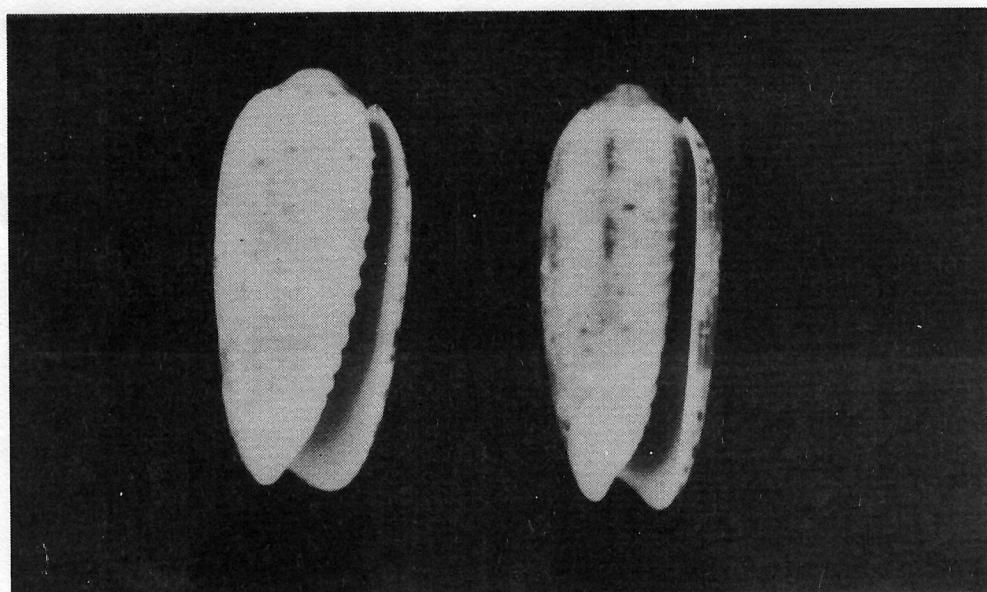
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OLIVA VICWEEI nov. spec.

right holotype

left paratype 1 x 1.9



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left paratype 1 x 1.9