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05.A New Deep Water Amalda in de Familie Olividae uit Taiwan (Taiwan nieuwe soorten van deep-sea snail kernkoppen Torreyia Lo Branch)

Door de beheerder binnen vijf, 2016/03/04 - 09:51 paal

fasen: [2 No.](#)

auteur:

Blauw Ziqiao, liyan Zheng (TC Lan en YC Lee)

De volledige tekst:

A New Deep Water *Amalda* in the Family Olividae from Taiwan

T. C. Lan¹ and Yen-Chen Lee²

1. P. O. Box 34-35, Taipei, Taiwan 104

2. Institute of Zoology, Academia Sinica, Taipei, Taiwan 115

TAXONOMY

Family Olividae Latreile, 1825

Subfamily Olivellinae

Genus *Amalda* H. & A. Adams, 1853

Species *borshengi* n. sp. 柏生彈頭螺

INTRODUCTION

This new species was trawled but only in 1996 and 1999 respectively from Tashi fishing harbor by shrimp trawlers. The waters surrounding the Kueshan Is. (龜山島) is one of the most productive areas of deep water seashells in the North East Taiwan where nearby isles are, such as Pon-chia-yu (彭佳嶼), Tiao-yu-tai (釣魚台), Hua-pin-yu (花瓶嶼), Mien-hua-yu (棉花嶼) at the southeast of the China Sea. Thousand of seashells have been turned up with small shrimps by local trawlers. Among them, the present species named *Amalda borshengi* is probably one of the rarest of all Olivids from this vast sea.

Key words: Gastropoda, Olividae, *Amalda*, new species, Taiwan.

DESCRIPTION

Shell small, thick, highly polished in porcelaneous white with lighter color in vertical translucent thin lines on body whorl. Spire corroded exposing inner layers of the shell to volutes, rusty stains on spire and even to the body whorl. Subsutural band slightly depressed. Parietal callus slightly humped vertically and barely touchable. Aperture moderately narrow, lip straight, thick, length bit over 1/2 of the shell height. Depressed fasciolar band, with a tiny labral denticle at lip edge, narrower than basal band, one thin brown line in between. Columellar pillar with 3 to 5 plicae. Operculum tiny (4.3mm), brown, horny, translucent, nucleus at the lower point.

ABBREVIATIONS

NMNS – National Museum of Natural Science, Taichung, Taiwan.

I.G. – Institut royal des Sciences naturelles de Belgique, Bruxelles, Belgium.

MHNG – Museum d'histoire naturelle, Geneva, Switzerland.

Measurements (mm) and type depository:

		Length	Width	Aperture length
Holotype	NMNS - 003738001	18.4	7.5	9.7
Paratype 1	MHNG - 32824	21.8	8.3	11.3
Paratype 2	I.G. - 29565-509	20.2	7.8	10.3

Paratype 3	Borsheng Jung collection	19.9	8.1	10.07
Paratype 4	Borsheng Jung collection	18.3	6.6	9.2
Paratype 5	Yen-Chen Lee collection	19.0	6.9	9.9

Material examined: All of 6 specimens known to date are corroded on early whorls and monochromatic white with brown tarnish studded irregularly on whole shells.

Type locality: 250-300m depths, Kueshan Is. NE Taiwan.

Etymology: Named after Mr. Borsheng Jung who donated these type specimens.

COMPARISON

This new species looks like, in general, the one in subfamily Ancillinae of the Olividae from Musorstom 2, Station 25, 13° 39'N, 120° 43'E, 520-550m, NW of Mindoro of the Philippines by the Research Vessel "Coriolis" a French oceanographic vessel based in New Caledonia conducted by Prof. Jacques Forest, a curator of crustaceans at the Paris Museum in late 1980, with the curator of marine mollusks expert Dr. Philippe Bouchet of the same Museum, figured in the Mar.-Apr. 1981 the *Carfel Philippine Shell News* on P. 10. However its aperture length is longer than the present new species, moreover the spire keeps a protoconch intact without corrosion and the body whorl is in purple brown color with distinct lighter color bands. As yet this Philippine specimen has not been known described since 1980.

Also there is another similar species previously named as *Ancilla suavis* Yokoyama, 1922, now *Ancillus monachialis* Ninomiya, 1988 that occurs in the southwest Taiwan in the Taiwan Strait.

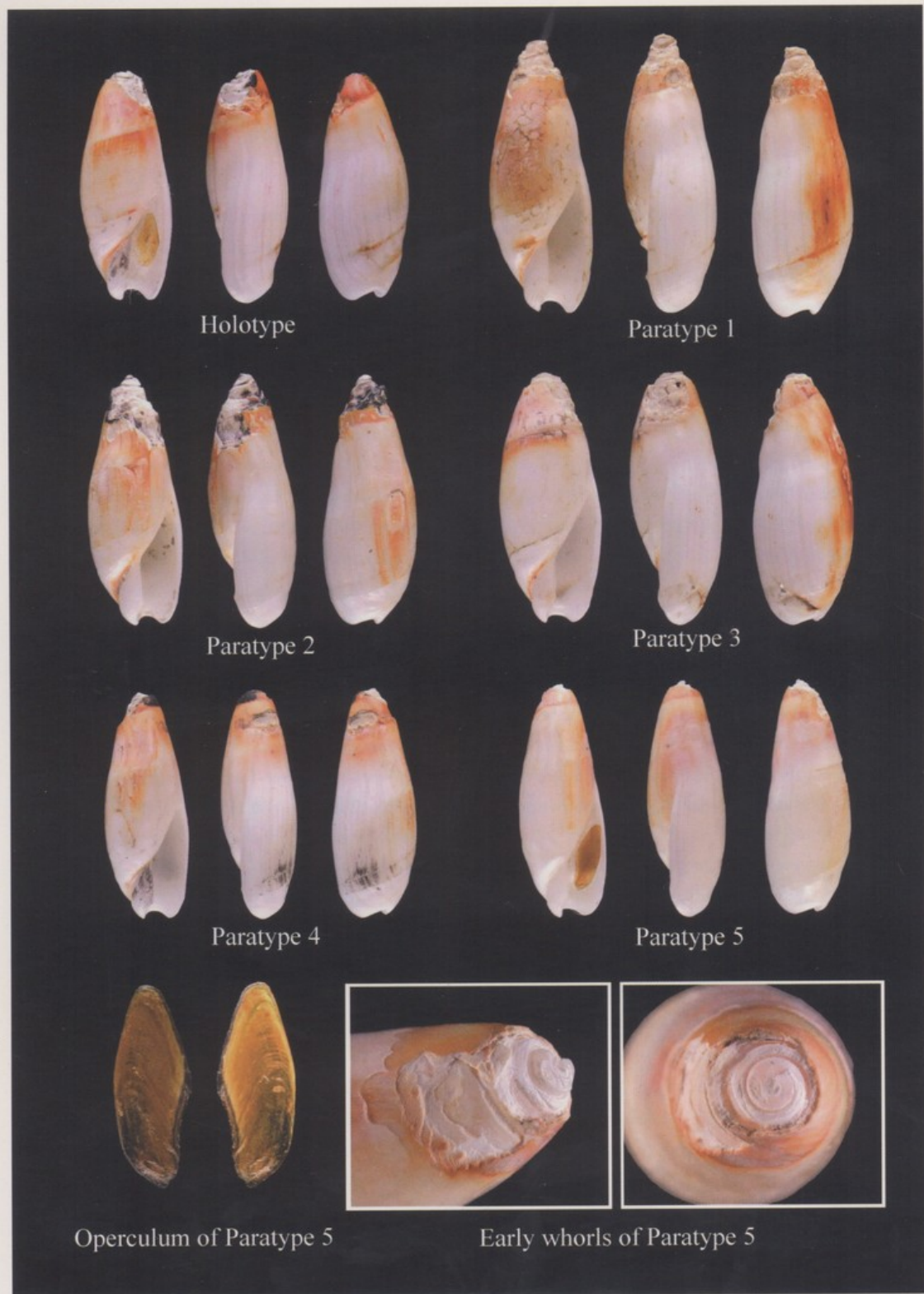
The above mentioned species are different from the present species from morphological point of view and coloration, however there is no closer species in comparison with this new species.

ACKNOWLEDGMENT

Authors thank Mr. Borsheng Jung and Mr. Kuen-Hwang Chang for their generous donation of the specimens for our study, and to Dr. R.N. Kilbum, for his advice.

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Amalda borshengi n. sp. 柏生彈頭螺

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