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TROPHON MALTZANI KOBELT & KUSTER, 1878

AN EARLIER NAME FOR TROPHON

SUBSERRATUS SOWERBY, 1880

(GASTROPODA : MURICIDAE)

by

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GENUS : *NIPPONOTROPHON* KURODA & HABE, 1971.

Type-species by O.D. : *Boreotrophon echinus* Dall, 1920.

In their recent note, Myers and D'Attilio (1980) have compared *Nipponotrophon scitulus* (Dall, 1891) with its relative : *Nipponotrophon lasius* (Dall, 1919). The comparison was made on shells trawled from 300 to 400 ft in the San Diego region and with other material.

The authors demonstrated the high variability of this shell and recognized *N. lasius* as a junior synonym of *N. scitulus*, what I feel is correct.

In a subsequent paper, Barry (1981) made mention of an earlier name for *N. scitulus*; namely *Trophon subserratus* Sowerby, 1880. The types could be located in the BMNH : only 4 specimens (2 purchased from Sowerby in 1880 mixed with 2 others, acquired later on). It is clear that they are very close to the original figures of Sowerby (1880 : pl.II, figs. 32, 33) and also that Barry is right in putting that name in priority of *N. scitulus*.

Unfortunately, these authors have overlooked another prior name : *Trophon maltzani* Kobelt and Küster, 1878, which has been described from specimens from Alaska (the 2 paratypes figured here are labelled : "Kodisk, Alaska"). The type material is in the Berlin Museum.

Trophon tenuisculptus Carpenter, 1866, a Californian Pleistocene fossil, is another usually used name. I have not examined the types but they were illustrated by Van Winkle (1921 : pl.15, figs. 7-10). They seem somewhat different, small and solid (13 and 16 mm for the types), looking more like an *Ergalatax* or an *Urosalpinx*. I consider them as a different species.

Correct denomination and synonymy for the recent West American species looks thus as follows :

Nipponotrophon maltzani (Kobelt and Küster, 1878)

Trophon maltzani Kobelt and Küster, 1878 : 301-302, pl.75, figs. 17, 18.

Trophon subserratus Sowerby, 1880 : 65, pl. 405, figs. 32, 33.

Trophon (*Boreotrophon*) *scitulus* Dall, 1891 : 188

Dall, 1895 : 712, pl. 27, fig. 5.

Neptunea (*Trophonopsis*) *lasia* Dall, 1919 : 338

Willet, 1938 : pl. 1, figs. 2 - 6.

Even with the only help of the different type localities one can easily determine the geographical distribution :

- 1) *Trophon maltzani* : Alaska (Kodiak island for the 2 paratypes).
- 2) *Trophon subserratus* : Vancouver's island.
- 3) *Trophon scitulus* : Unalaska island, Bering Sea.
- 4) *Neptunea lasia* : Off Point Pinos, California.

The species is found in depths ranging from 18 to 900 m.

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RESUME.

Trophon maltzani Kobelt & Küster est reconnu comme nom prioritaire pour l'espèce connue auparavant sous le nom de *Trophon subserratus* Sowerby, 1880 ou sous celui plus usité de *T. lasia* (Dall, 1919). La répartition géographique est retracée à l'aide de la localité type et de celle des différentes espèces mises en synonymie par l'auteur.

BIBLIOGRAPHIE

- Barry, R., 1981. Another Senior Synonym in *Nipponotrophon* (Gastropoda : Muricidae). *The Festivus* XIII (5), pp. 58-60, 2 text figs.

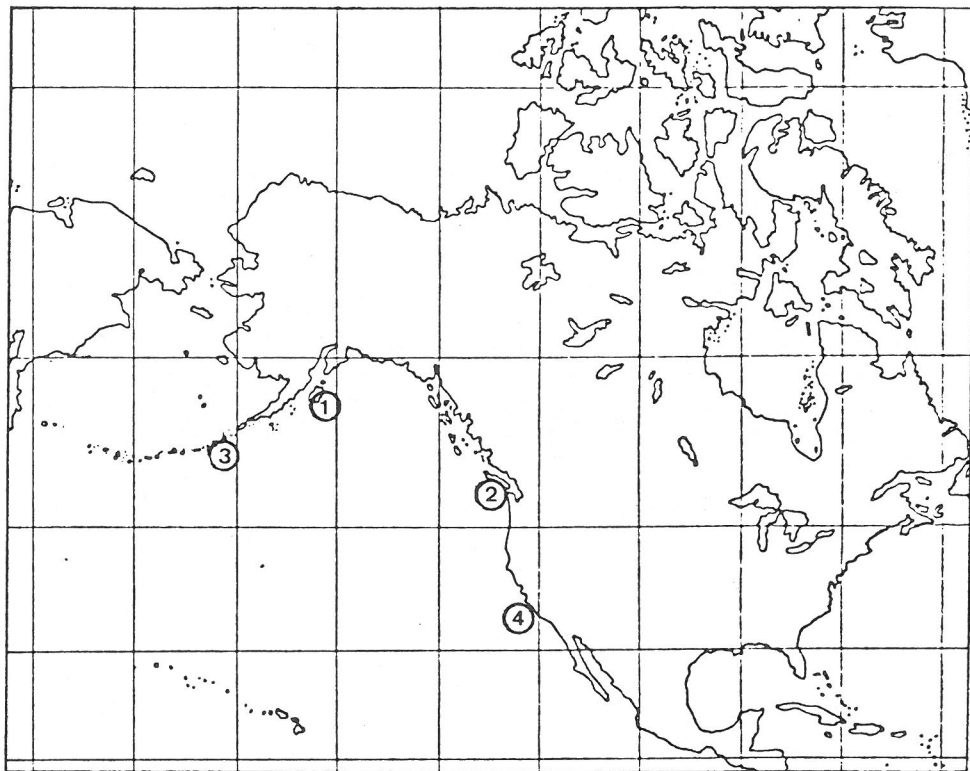
- Dall, W.H., 1891. Scientific Results of Explorations by the U.S. Fish Commission Steamer "Albatross". XX. On Some new or interesting West American Shells... *Proc. USNM*, 14, pp. 173-191, pls. 5-7.
1895. Ibidem. XXXIV. Report on Mollusca and Brachiopoda... *Proc. USNM*, 17, pp. 675-733, pls. 23-32.
1919. Description of new species of Mollusca from the North Pacific Ocean in the collection of the USNM. *Proc. USNM*, 56, pp. 293-371.
- Kobelt, W. and H.C. Küster, 1878. Systematisches Conchylien-Cabinet von Martini & Chemnitz. 2d edition. Gattung *Trophon* Montfort. pp. 275-313, pls. 13, 32, 71-76.
- Myers, B.W. and A. D'Attilio, 1980. Observations on *Nipponotrophon scitulus* (Dall, 1891) (Gastropoda : Muricida : Muricinae). *The Festivus* XII (7), pp. 84-89, 11 text figs.
- Sowerby, G.B., 1880. Thesaurus Conchyliorum, or monographs of genera of shells. IV. Monograph of the subgenus *Trophon*. pp. 59-67, pls. 404-405 (I-III).
- Van Winkle, K.E.H., 1921. Illustrations and descriptions of fossil mollusca contained in the Paleontological collections at Cornell University. *Bull. Amer. Paleont.* 8 (36), pp. 3-6, pl. 1, figs. 6, 9.

E R R A T A

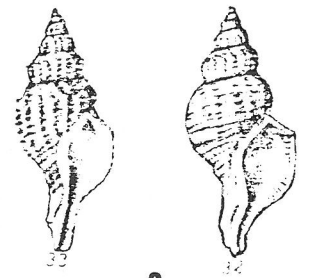
ON THE IDENTITY OF *CONUS CROTCHII* REEVE, 1849

INFORMATIONS de la Société Belge de Malacologie
12(4), 135-138.

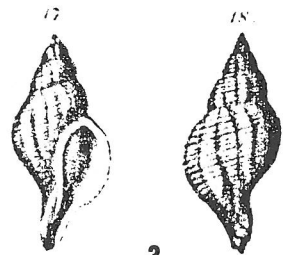
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- p. 136, 2d line, read : pl. 6, spec. (254304).



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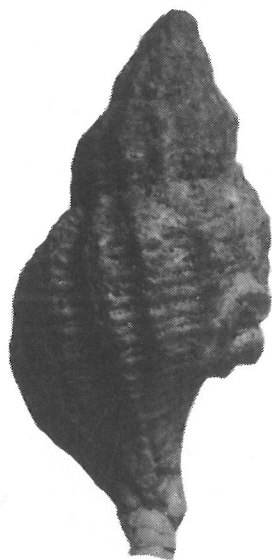
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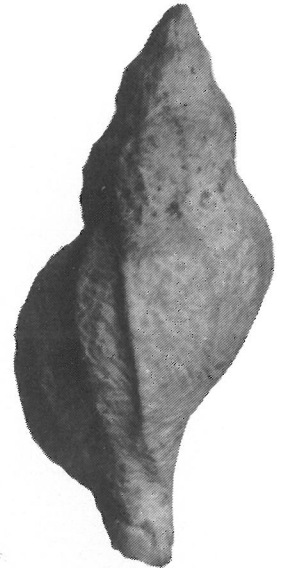
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1. Geographical distribution of Nipponotrophon maltzani (Kobelt & Küster, 1878)

- 1. *Trophon maltzani*
- 2. *Trophon subserratus*
- 3. *Boreotrophon scitulus*
- 4. *Trophonopsis lasia*

(TYPE LOCALITIES)

2. Trophon subserratus Sowerby, 1880 - from Sowerby, 1880 -

3. Nipponotrophon maltzani - from Kobelt & Kuster, 1878 -

4-5. Nipponotrophon maltzani - paratypes Berlin museum -