

On the conservation of the name *Neptunea beringiana* (Middendorff, 1848)Yuri I. KANTOR<sup>1</sup>, A. V. SYSOEV<sup>2</sup><sup>1</sup>*A.N. Severtzov Institute of Ecology and Evolution, Russian Academy of Sciences, Leninsky prospect 33, Moscow 117071, RUSSIA*<sup>2</sup>*Zoological Museum of Moscow State University, B. Nikitskaya Str. 6, Moscow 109009, RUSSIA**(Ruthenica, 2002, 12(2): 174-176.)*О сохранении названия *Neptunea beringiana* (Middendorff, 1848)Ю. И. КАТОР<sup>1</sup>, А. В. СЫСОЕВ<sup>2</sup><sup>1</sup>*Институт проблем экологии и эволюции им. А.Н.Северцова РАН, Ленинский просп. 33, Москва 119071*<sup>2</sup>*Зоологический музей МГУ, Большая Никитская ул. 6, Москва, 103009*

The French circumglobe expedition of the fregate *Venus* (1836-1839) under the commandship of captain A.A. Dupetit-Thouars was one of the first expeditions that visited Kamchatka on August 30 — September 15, 1837 (Chamberlin, 1960).

During the cruise the zoological material was collected by surgeons A. S. Néboux and C.-R. A. Lec-lancher. The molluscs from the voyage included almost 400 species (over 1500 specimens) and has been deposited in 1840 in Muséum national d'histoire naturelle (MNHN), Paris (Beautemps-Beaupré, de Blainville, de Beaumont, 1840). In 1846 A. Valenciennes (professor of Malacology at that time in the Museum) published 27 plates of very high quality, figuring 86 of the species (at least 62 new names), accompanied by binominal Latin names in the captions in the Atlas of the zoological collections. Later the descriptions of vertebrates were published, but never of the invertebrates. Thus the descriptions of the new species are based solely on figures and are essentially without locality data. Type specimens of several species of molluscs have been identified in the collections of the museum (Lamy, 1922; Fischer-Piette, Beigbeder, 1943).

Among the molluscs from the *Venus* expedition materials there is a species, which is well-known in malacological literature as *Neptunea beringiana* (Middendorff, 1848), and described by Valenciennes (1846) as *Fusus bulbosus* (pl. 5, fig. 2a-2c).

Three syntypes, including the figured one (Fig. 1 C) are preserved in MNHN. Type locality — Kamchatka (according to the original label).

Thus the name of Valenciennes appeared to be senior synonym of that of Middendorff. The search in the malacological literature revealed, that the name *Fusus bulbosus* was never used after 1899. According to article 23.9.1.2 of ICZN, if the junior syno-

nym has been used for particular taxon, as its presumed valid name, in at least 25 works, published by at least 10 authors in the immediately preceding 50 years and encompassing a span of not less than 10 years, the prevailing usage must be maintained. The name of Middendorff was used by the following authors (in chronological order):

- Scarlato, 1952: 120 (as *Neptunea satura* var. *beringiana*)  
 Ushakov, 1953: 249 (as *satura beringiana*)  
 La Rocque, 1953: 216 (as *Chrysodomus satura beringianus*)  
 Golikov, 1961: 999.  
 Golikov, 1963: 166-170  
 Shikama, Horikoshi, 1963: 82, pl. 124 (as *Neptunea beringiana cordata*)  
 Have, Ito, 1965: 64, pl. 22, fig. 2 (as *ventricosa beringiana*).  
 Macpherson, 1971: 81.  
 Abbott, 1974: 214.  
 Goryachev, 1974: 59.  
 Goryachev, 1975: 142.  
 Golikov, Gulbin, 1977: 194-195.  
 Piskunov, 1978: 65.  
 Goryachev, 1978: 48-52.  
 Piskunov, 1982: 74, 76.  
 Petrov, 1982: 45-46.  
 Golikov, Scarlato, 1985: 411.  
 Titova, 1986: 51.  
 Golikov, Goryachev, Kantor, 1987: 769.  
 Goryachev, 1987: 60.  
 Tiba, Kosuge, 1988: 17-11 — 17-13.  
 Gladenkov, Sinelnikova, Titova, 1988: 91-92.  
 Abbott, Dance, 1989: 164 (as *Neptunea ventricosa* form *beringiana*)  
 Bogdanov, Sirenko, 1993: 41  
 Golikov, 1995: 38-39.  
 Shuntov, Dulepova, 1995: 367.

Thus both conditions of the Article 23.9.1 are met and we take the action in accordance with this Article, as is required by Article 23.9.2. The name *Tritonium (Fusus) antiquum* var. *beringiana* Middendorff, 1848, thus must be qualified as *nomen protectum*, while the name *Fusus bulbosus* Valenciennes, 1846 must be qualified as *nomen oblitum*.

*Neptunea beringiana* (Middendorff, 1848)

*Tritonium (Fusus) antiquum* var. *beringiana* Middendorff, 1848: 243

*Tritonium (Fusus) antiquum* var. *beringiana* Middendorff, 1849: 131, Taf. II, Fig. 3, 4 (partim).