

FIRST OCCURRENCE OF *RHOMBOIDELLA PRIDEAUXI* (LEACH, 1815) (MOLLUSCA, BIVALVIA) IN THE EASTERN ADRIATIC SEA

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Four valves of the bivalve species *Rhomboidella prideauxi* (Leach, 1815) (Mytilidae) were collected by Mr. F. Velkovrh in the Kornati archipelago. This is the first finding of the species in the eastern Adriatic Sea. Earlier the species was recorded in the Mediterranean Sea and in the eastern Atlantic Ocean.

Key words: Bivalve, *Rhomboidella prideauxi*, Adriatic Sea

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Četiri pojedinačne ljuštore školjkaša *Rhomboidella prideauxi* (Leach, 1815) (Mytilidae) sakupio je F. Velkovrh u području Kornatskog otočja. To je prvi nalaz te vrste u istočnom dijelu Jadranskog mora. Ranije vrsta je bila zabilježena u Sredozemnom moru i u istočnom Atlantskom oceanu.

Ključne riječi: školjkaš, *Rhomboidella prideauxi*, Jadransko more

Numerous malacological and faunistic publications, since the end of the 18th century, have revealed more than two hundred species of bivalves in the eastern Adriatic Sea (LEGAC & HRS-BRENKO, 1997). In these publications *Rhomboidella prideauxi* (Leach, 1815) has not been listed for the eastern part of the Adriatic Sea.

SPECIES RECORDS

Subclassis Pteriomorpha Beurlen, 1944

Ordo Mytiloida Frussac, 1822

Family Mytilidae Rafinesque, 1815

Subfamilia Crenellinae Adams H. & A., 1857

Genus *Rhomboidella* Monterosato, 1884

Species ***RHOMBOIDELLA PRIDEAUXI*** (Leach, 1815: *Modiola*) (Fig. 1)

Synonyms: *Modiola rhombea* (Berkeley, 1827); *Rhomboidella prideauxiana* Brown, 1827; ? *asperula* Wood S. 1856 (SABELLI *et al.*, 1990).

Four valves collected by Mr. F. Velkovrh at a depth of 50 m, SW of Obručan Islet, Kornati archipelago, in July 1978, were donated to the Natural History Museum Rijeka. Three of them were entered into the Museum inventory (Inv. No. 1355). One, slightly damaged, is deposited in the bivalve collection of the »Ruđer Bošković« Institute, Center for Marine Research in Rovinj (Inv. No. 2093). The shell sizes of the donated *Rhomboidella* measure as follows: 3.2/2.1; 3.8/2.4 and 3.9/2.4 mm (Rijeka Museum), and 4.6/3.0 mm (Rovinj Center). The first number is the length,



Fig. 1. *Rhomboidella prideauxi* (Leach, 1815) Shell Collection of Rijeka Natural History Museum – Inv. br. 1355 (Photo: B. Jalžić)

i.e., the distance from the umbo to the ventral shell margin, and second one is the width, the distance between the anterior and posterior shell margins.

The species has been recorded in the Atlantic Ocean south of the British Isles and in the Mediterranean Sea. *Rhomboidella* lives on rocks and soft bottoms (gravel, detritic sand) from the intertidal zone to considerable depths (TEBBLE, 1966; NORDSIECK, 1969; POPPE & GOTO, 1993; SALAS, 1996). POPPE & GOTO (1993) noted that in the literature *Rhomboidella prideauxi* tends to be confused with *Crenella arenaria*. Some relationship with the genus *Crenella* exists, but in general outlines they are distinguishable.

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SAŽETAK

Prvi nalaz školjkaša *Rhomboidella prideauxi* (Leach, 1815) u istočnom dijelu Jadranskog mora,

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Vrsta *Rhomboidella prideauxi* (Leach) prvi puta je zabilježena u istočnom dijelu Jadranskog mora. Ranije je bila nađena u Sredozemnom moru i u istočnom Atlantskom oceanu. U srpnju 1978. godine, France Velkovrh sakupio je četiri prazne ljuštore *Rhomboidella* sa 50 m dubine, SW od otočića Obručan u području Kornatskog otočja. Ljuštore su donirane Prirodoslovnom muzeju Rijeka. Tri ljuštore, dimenzija 3,2/2,1; 3,8/2,4 i 3,9/2,4 mm deponirane su u malakološkoj zbirci muzeja (Inv. br. 1355). Jedna ljuštura veličine 4,6/3,0 mm čuva se u malakološkoj zbirci Centra za istraživanje mora, Instituta »Ruđer Bošković« pod inventarnim brojem 2093.