

단보 [Short Communication]

# The first record of *Bouchettriphora consfera* (Caenogastropoda, Triphoridae) from Korean Waters

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## ABSTRACT

The specimens of triphorid snail, *Bouchettriphora consfera* were collected from Jeju-do, Korea and diagnostic characters were analysed. As a result, the genus *Bouchettriphora* is reported for the first time in Korean malacol fauna and the family Triphoridae in Korea turned out to be 15 species of 10 genera.

**Key words:** Caenogastropoda, Triphoridae, *Bouchettriphora consfera*.

## INTRODUCTION

The triphorid snails occur world-wide in tropical to arctic seas from the intertidal zone to a depth of about 1,000 m and all species apparently feed on sponges (Kosuge, 1966). The main characteristic of the Triphoridae from shell features alone is the sinistral coiling, accompanied by an elongate, many-whorled shell (Laseron, 1954). Approximately 600 names have been proposed for recent species and there are probably at least 1,000 extant species (Marshall, 1983). Lee and Min (2002) reported 14 triphorid species of 9 genera in Korea. The genus *Bouchettriphora* consist of 7 species reported from Asia (Philippines, Taiwan, Japan) and Australia. In this study, the unrecorded *Bouchettriphora consfera* discovered from Jeju-do at the subtidal zone in depth of 25 m is described.

## SYSTEMATIC ACCOUNTS

Class Gastropoda Cuvier, 1791 복족강  
Superorder Caenogastropoda Cox, 1959 신생복족상목  
Order Sorbeoconcha Ponder and Lindberg, 1997 흡강목

Family Triphoridae Gray, 1847 띠줄고둥과  
Genus *Bouchettriphora* Marshall, 1983 송곳띠줄고둥속 (신칭)

*Bouchettriphora consfera* (E.A. Smith, 1875)

분홍염주송곳띠줄고둥 (신칭) (Fig. 1).

*Trhiphoris conspersus* E.A. Smith, 1875, p. 106;  
Pilsbry, 1895, p. 58.

*Thiphoris purpuratus* Pilsbry, 1895, p. 58.

*Triphora consfera* Higo et al., 1999, p. 168.

*Bouchettriphora consfera* Okutani, 2000, p. 315.

**Type locality.** Shima peninsula, Mie prefecture (Japan).

**Materials examined.** 2 individuals, 21 February 2009, depth 25 m, Oidolgae, Seohong-dong, Seogwipo-si, Jeju-do (33°14'19.55"N, 126°32'50.60"E).

**Measurement.** 5.8 mm in height; 1.7 mm in width.

**Description.** Shell small, sinistral, solid, elongate cylindrical, narrow but slightly inflated. Suture deep and distinct. Protoconch 4 whorls, pale yellowish brown, bearing single spiral keel crossed by fine axial threads. Teloconch 10 whorls, upper and median lows yellowish brown with reddish brown and white specks by turns, lower row pink with irregular white specks. Sculpture consists of 3 rows of granules. Each granule round, equal in size only in body whorl and penultimate whorl, median row is diminished as it ascends the spire. Aperture rectangular, with rather deep posterior canal.

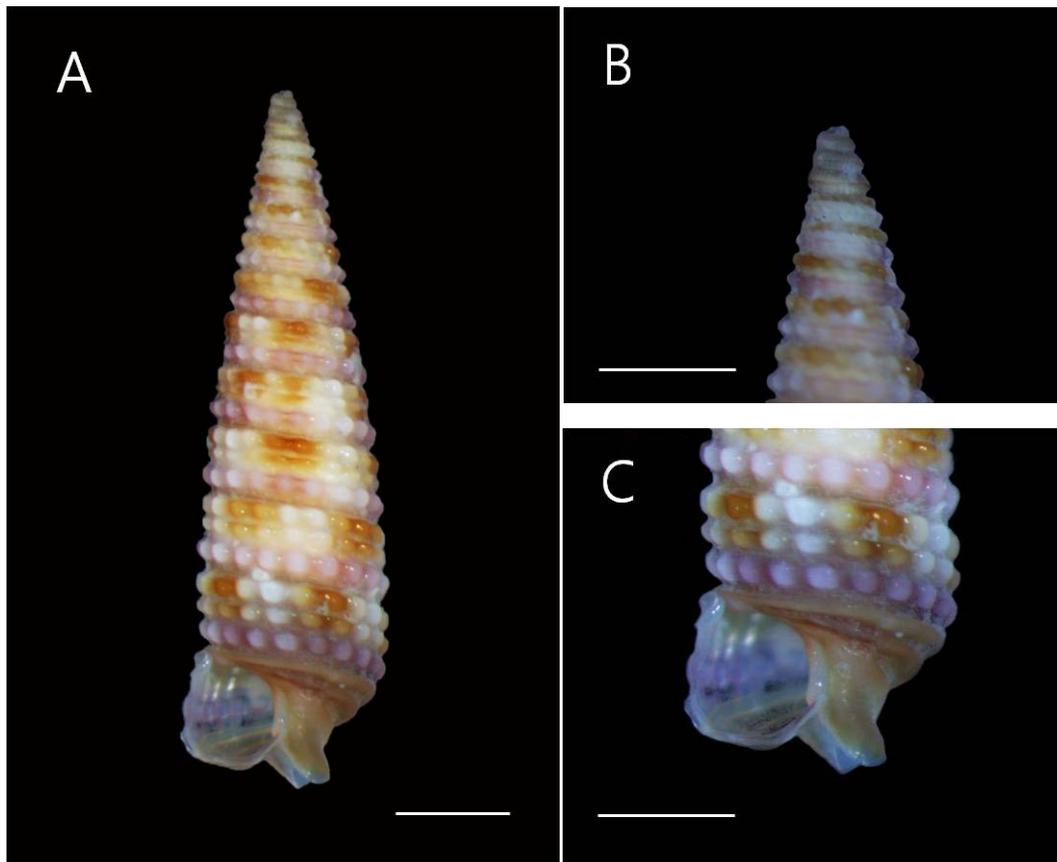


Fig. 1. *Bouchettriphora consfera*. A. Ventral view; B. Protoconch; C. Aperture. Scale Bar = 10 mm.

**Habitat.** Gravel bottom about 50 m deep.

**Distribution.** Korea, Japan, Philippines, Taiwan.

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