

## Description of a new Coralliophilid from Japan

Y. Goto

5-1-6, YAMAMOTOCHO-MINAMI, YAO CITY (581), OSAKA, JAPAN.

**關鍵詞**：腹足綱—珊瑚螺科，新種。**Key words**: Gastropoda – Coralliophilidae, New species.

The following shells I am going to describe as a new species were collected by fishing nets in February 1988 from the sea off Kumano City, Mie Prefecture, Japan.

I wish to express my hearty thanks to Mr. Yamamura for his kindness to give such interesting materials.

**Family Coralliophilidae Hoyle, 1888****Genus *Hirtomurex* Coen, 1922****Species *yamamurai* n. sp.****Description**

Shell spindle, conical, with seven whorls, suture distinct, spire low, sharply tapering to the apex. Body whorl occupies  $\frac{3}{4}$  of the shell height, whole shell surface plicated, with scabrous scaly spiral cords, finer threads in between, axial ribs strongest at the last whorl, much weaker above, short open tubular projections at the shoulder are the most prominent, shorter at the penultimate whorl. Aperture elongate oval, siphonal canal well projected and widely opened, umbilicus narrow and shallow, fasciole crumpled, operculum elongate oval, dark brown, horny. Shell color pure white somewhat translucent.

Shell height Diameter

Holotype: 30.5mm 20.5mm

Paratype: 27.7mm 17.7mm

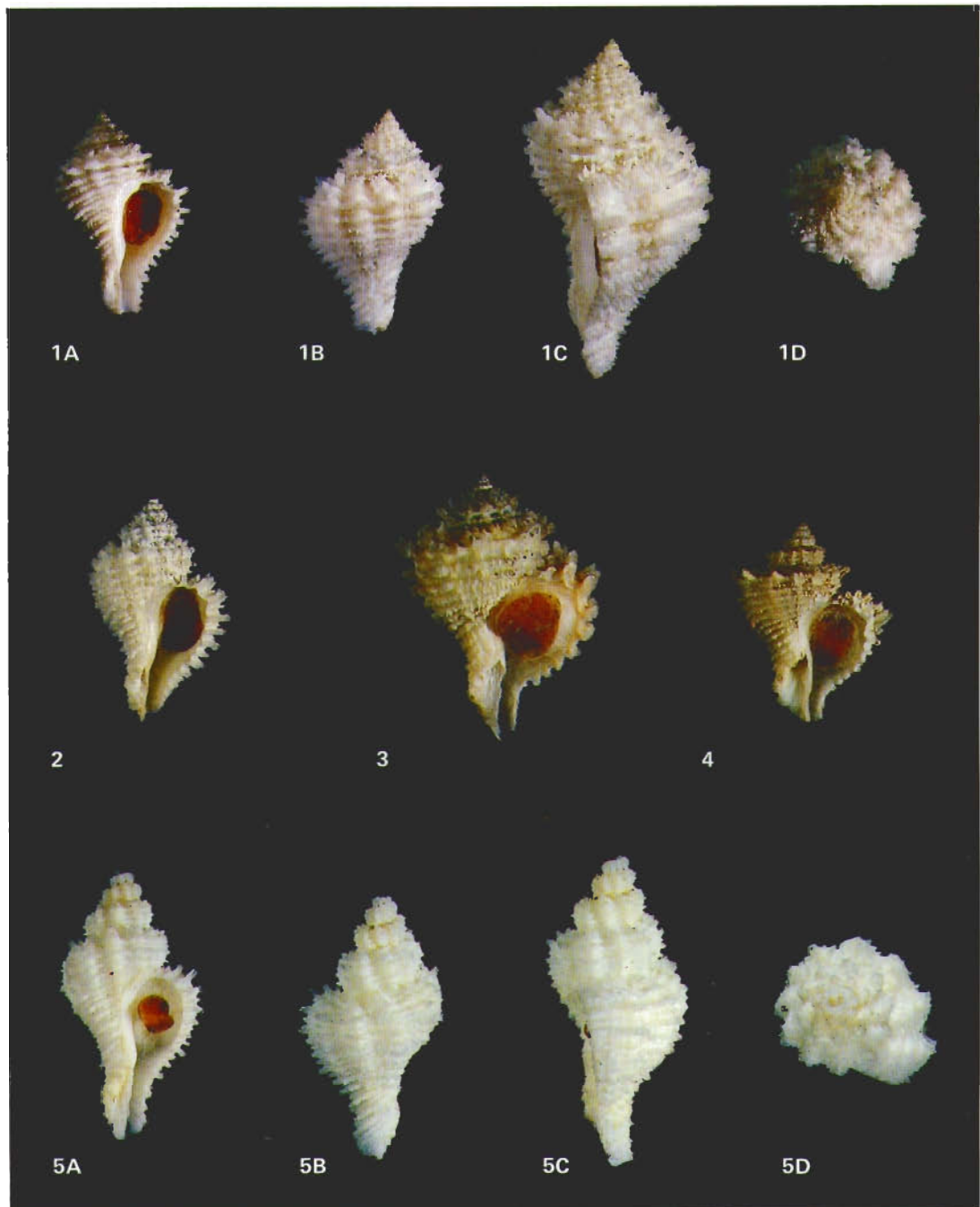
Type locality: Off Kumano City, Mie Prefecture, facing the Pacific Ocean, Japan. Depth 200 to 230m.

Type depository: Holotype preserved in the Taiwan Museum, TM-MT 8826, Taipei, Taiwan.

Paratype in Kenichi Hosoi collection, Nagoya City, Japan.

**Remarks**

With reference for comparisons against this new species, two shells have to be mentioned. *Hirtomurex teramachii* (Kuroda, 1959) and *Hirtomurex kawamurai* Shikama, 1978. *H. teramachii* has global body whorl, while *H. kawamurai* has much elongated body whorl and steeple spire, besides its axial ribs are much stronger. These three allied shells also have the common characteristics of having scabrous scaly shell bodies, short spines and pure white shells. The present species also differs from *Hirtomurex winckworthi* (Fulton, 1930) which has angulated shoulder, widely opened deep umbilicus and pale yellow or creamy white color instead of pure white if we have to refer to it.



1. Holotype of *Hirtomurex yamamurai* n. sp. 山村花仙螺模式標本材
2. Paratype of *Hirtomurex yamamurai* n. sp. 山村花仙螺副模式標本
3. *Hirtomurex teramachii* (Kuroda, 1959) 寺町花仙螺
4. *Hirtomurex winckworthi* (Fulton, 1930) 偉恩克花仙螺
5. Paratype of *Hirtomurex kawamurai* Shikama, 1978 河村珊瑚螺(副模式標本・日本神奈川縣立博物館收藏)

# 日本產新種花仙螺之介紹

後 藤 芳 央

**種名：**

山村花仙螺(*Hirtomurex yamamurai*  
n. sp.)

**說明：**

貝殼紡錘形，螺塔低，圓錐形。體層肩部稍圓，貝殼表面很粗，有粗細相間的螺旋浮彫肋，肋上呈小鱗片狀，體層及次體層長未封閉管形短棘。貝殼純白色，稍有透明感。

本種極似寺町花仙螺及河村花仙螺，但介於中間體形。

**模式標本：**

殼高30.5mm，直徑20.5mm，由省立博物館收藏。(TMMT 8826)

**產地：**

日本三重縣熊野外海，深約200到230公尺。

(中文：藍子樵)