

# A Catalog of the Cone Snail Specimens (Neogastropoda: Conidae) Deposited in the Natural History Museum of the National Science Museum, Thailand

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## Abstract

A catalog of the cone snail specimens housed in the Natural History Museum of the Thailand National Science Museum (THNHM) is presented. A total of 310 specimens of 61 species in two genera are deposited in THNHM. Most of the specimens were collected from Thailand especially from the east and the south of the country since 1962. The specimens donated by Mr. Ahipong Chainam, former Thai ambassador to the United States, were also included in the catalog.

## Keywords

Conidae, distribution, specimens, taxonomy, Thailand.

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## Introduction

The Natural History Museum of the National Science Museum in Thailand (THNHM) was established in 1995, belonging to the Ministry of Higher Education, Science, Research and Innovation. The museum maintains a large collection of plant, bird, amphibian, reptile, mammal, animal horn, antler, insect, and invertebrate specimens, and it is one of the most important collections in Southeast Asia. The curators of the museum have started cataloging the type and non-type materials in the THNHM to improve the knowledge about the collections and provide information to the taxonomic community (Chan-ard and Makchai, 2011; Jeenthong *et al.*, 2013; Jaitrong *et al.*, 2021; Piraonapicha *et al.*, 2021; Jeenthong *et al.*, 2021; Jiaranaisakul and Wonglersak, 2021; Pratumthong *et al.*, 2021; Pratumthong and Khlaipet, 2024).

Conidae, with the current common name of “cone snails”, is a family (previously subfamily) of predatory sea snails, marine gastropod mollusks in the superfamily Conoidea. The family contains over 800 recognized species, varying widely in size from lengths of 1.3–21.6 cm (Abbott, 1974) with the most abundance in the Pacific Ocean. About 300 species are known from Thailand (Walls, 1978). The snails within this family are sophisticated predatory animals (Schroeder and Craik, 2012). They hunt and immobilize prey using a modified radular tooth along with a venom gland containing neurotoxins; the tooth is launched out of the snail’s mouth in a harpoon-like action. All cone snails are venomous and capable of “stinging” humans, live ones should be handled with great care.

A large set of specimens of the cone snail family Conidae was collected since 1962 and are now housed in THNHM. In the present paper, a checklist of the snails is provided to the taxonomic community.

## Materials and Methods

The specimens of Conidae deposited in the Natural History Museum of the National Science Museum in Thailand (THNHM, Figure 1) were examined. The specimen localities were corrected if they were originally misspelled. The nomenclature was determined following Abbott and Dance (1990); Habe (1964); and the website World Register on Marine Species (2024).

The list of the specimens is arranged alphabetically by genus and species, following the format:

### **Specific name, author, publication date**

**Material examined.** *REGION*: Number of specimen (THNHM code), locality, collection date (months in Roman numerals), collector (leg.), field number (if available).

**Distribution.** Province of Thailand.

**References.** If available.

## Results and Discussion

A total of 310 specimens in 61 species belonging to two genera (*Conus* Linnaeus, 1758 and *Conasprella* Thiele, 1929) are deposited in THNHM. All specimens belong to the genus *Conus*, except one specimen which belongs to the genus *Conasprella* (Table 1). Among the specimens deposited in THNHM, 53 species were collected from Thailand and eight species from other countries. In Thailand, about 300 species have been recorded. Thus, to date, the number of species known in the collection accounts for 17.67% of the Thai species.

*Conus betulinus* Linnaeus, 1758 has the highest number of specimens comprising 11.61% of all species, followed by *Conus ebraeus* Linnaeus, 1758 (8.70%), *Conus miliaris* Linnaeus, 1758 (7.41%), *Conus textile* Linnaeus, 1758 (7.41%), and *Conus literatus* Linnaeus, 1758 (4.51%), respectively. A species in the genus *Conasprella aculeiformis* (Reeve, 1844) is a rare cone shell that has only one specimen deposited in the collection.

Most specimens in THNHM were donated by Mr. Ahipong Chainam, former Thai ambassador to the United States Thailand since 1962. A set of specimens has no other collection data, only Thailand is listed for each specimen's locality data. However, these specimens are important. Thus, the specimens are included in the catalog.

**Table 1.** Number of species and specimens in the cone shell family Conidae deposited in THNHM.

Genera	Number of species	Number of specimens
<i>Conasprella</i> Thiele, 1929	1	1
<i>Conus</i> Linnaeus, 1758	60	309
Total	61	310



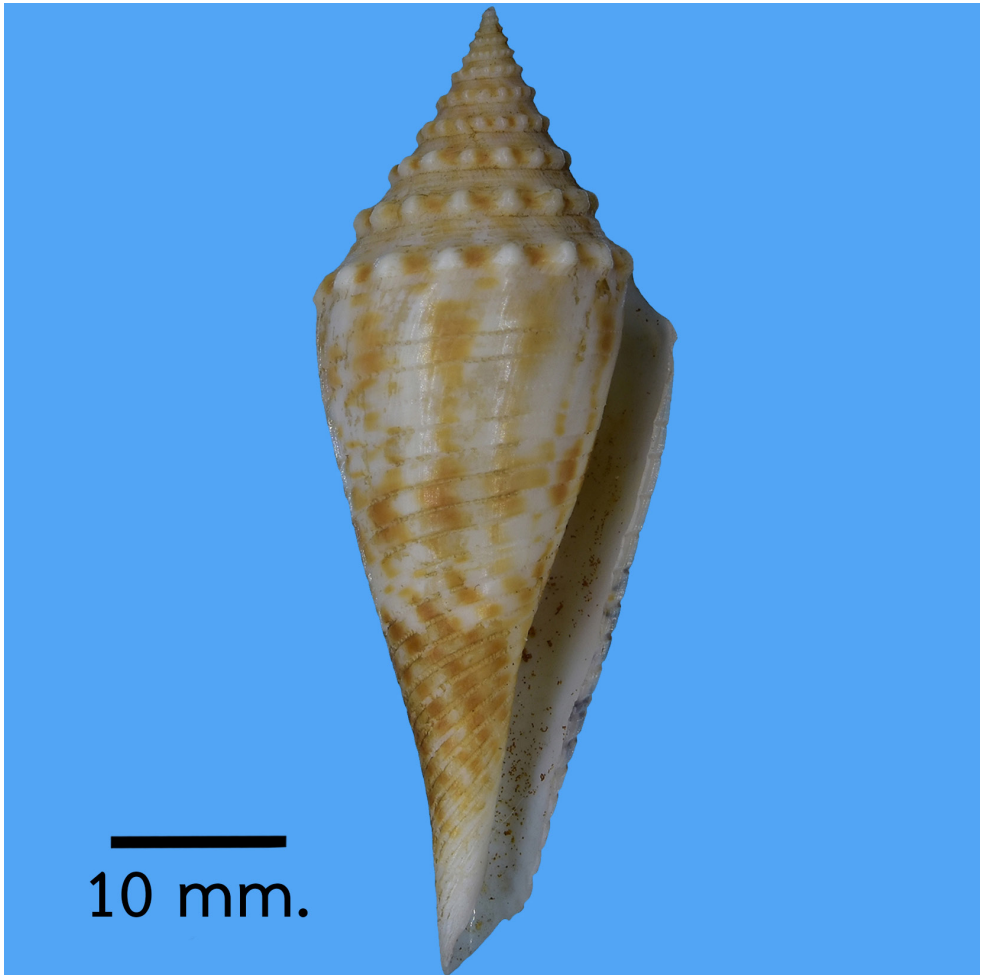
**Figure 1.** Cone shell specimens in THNHM collection.

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**Checklist****Family Conidae Fleming, 1822****Genus *Conasprella* Thiele, 1929*****Conasprella aculeiformis* (Reeve, 1844) (Figure 2)**

**Material Examined.** THAILAND. One specimen (THNHM-IV-04197), unknown locality, date, and collector.

**Distribution.** Unknown.



**Figure 2.** *Conasprella aculeiformis* (Reeve, 1844).

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**Genus *Conus* Linnaeus, 1758*****Conus achatinus* Gmelin, 1791** (Figure 3A)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04286), unknown locality, date, and collector; 1 specimen (THNHM-IV-03103), E Thailand, Chon Buri Prov., Sattahip Dist., Ko Chang, 4–10.VI.1973, unknown collector; 1 specimen (THNHM-IV-17086), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 1 specimen (THNHM-IV-03101), S Thailand, Satun Prov., Ko Tarutao, 14.III.1973, unknown collector; 1 specimen (THNHM-IV-03102), S Thailand, Krabi Prov., Ko Phi Phi, 1986, unknown collector.

**Distribution.** Chon Buri, Rayong, Krabi, and Satun.

***Conus amadis* Gmelin, 1791** (Figure 3B)

**Material Examined. THAILAND.** One specimen (THNHM-IV-06019), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus ammiralis* Linnaeus, 1758** (Figure 3C)

**Material Examined. THAILAND.** Three specimens (THNHM-IV-04198), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus araneosus nicobaricus* Hwass, 1792** (Figure 3D)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04199), unknown locality, date, and collector; 1 specimen (THNHM-IV-04200), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus arenatus* Hwass, 1792** (Figure 3E)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04201), unknown locality, date, and collector; 1 specimen (THNHM-IV-04288), unknown locality, date, and collector; 2 specimens (THNHM-IV-03124), S Thailand, Krabi Prov., 24–26. III.1973, unknown collector; 1 specimen (THNHM-IV-21668), S Thailand, Satun Prov., Mueang Satun Dist., Ko Sarai Subdist., Tarutao National Park, Ko Talu, 23.III.2021, Ratchaneewarn Sumitrakij leg.

**Distribution.** Krabi and Satun.

***Conus argillaceus* Perry, 1811** (Figure 3F)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04202), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus artoptus* Sowerby, 1833** (Figure 3G)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04203), unknown locality, date, and collector; 2 specimens (THNHM-IV-04238), unknown locality, Ahipong Chainam leg.

**Distribution.** Unknown.

***Conus australis* Holten, 1802** (Figure 3H)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04246), unknown locality and date, Ahipong Chainam leg.

**Distribution.** Unknown.

***Conus betulinus* Linnaeus, 1758** (Figure 3I)

**Material Examined. THAILAND.** One specimen (THNHM-IV-03074), unknown locality, date, and collector; 1 specimen (THNHM-IV-03077), unknown locality, 1970, unknown collector; 1 specimen (THNHM-IV-04205), unknown locality, date, and collector; 2 specimens (THNHM-IV-04206), unknown locality, date, and collector; 8 specimens (THNHM-IV-06021), unknown locality, date, and collector; 9 specimens (THNHM-IV-06022), unknown locality, date, and collector; 4 specimens (THNHM-IV-06023), unknown locality, date, and collector; 1 specimen (THNHM-IV-09944), unknown locality, date, and collector; 1 specimen (THNHM-IV-05880), E Thailand, Trat Prov., Khlong Yai Dist., Ban Mat Rud from fisherman Trawling boat, 17.VI.2010, Arom, Bang-on and Siriporn leg.; 1 specimen (THNHM-IV-16948), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 4 specimens (THNHM-IV-17069), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 1 specimen (THNHM-IV-03072), S Thailand, Krabi Prov., 24–24.III.1973, unknown collector; 2 specimens (THNHM-IV-03075), S Thailand, Ranong Prov., Bang Ben Beach, 6–16.V.1975, unknown collector.

**Distribution.** Trat, Rayong, Krabi, and Ranong.

***Conus capitaneus* Linnaeus, 1758** (Figure 3J)

**Material Examined. THAILAND.** Two specimens (THNHM-IV-04207), unknown locality, date, and collector; 1 specimen (THNHM-IV-03109), E Thailand, Chon Buri Prov., Sattahip Dist., Ko Chuang, 4–10.VI.1973, unknown collector; 1 specimen (THNHM-IV-17071), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 1 specimen (THNHM-IV-03107), S Thailand, Krabi Prov., 24–26.III.1973, unknown collector; 1 specimen (THNHM-IV-03108), S Thailand, Phuket Prov., Ko Phi Phi, 30.1965, unknown collector.

**Distribution.** Chon Buri, Rayong, Krabi, and Phuket.

***Conus characteristicus* Fischer von Waldheim, 1807** (Figure 3K)

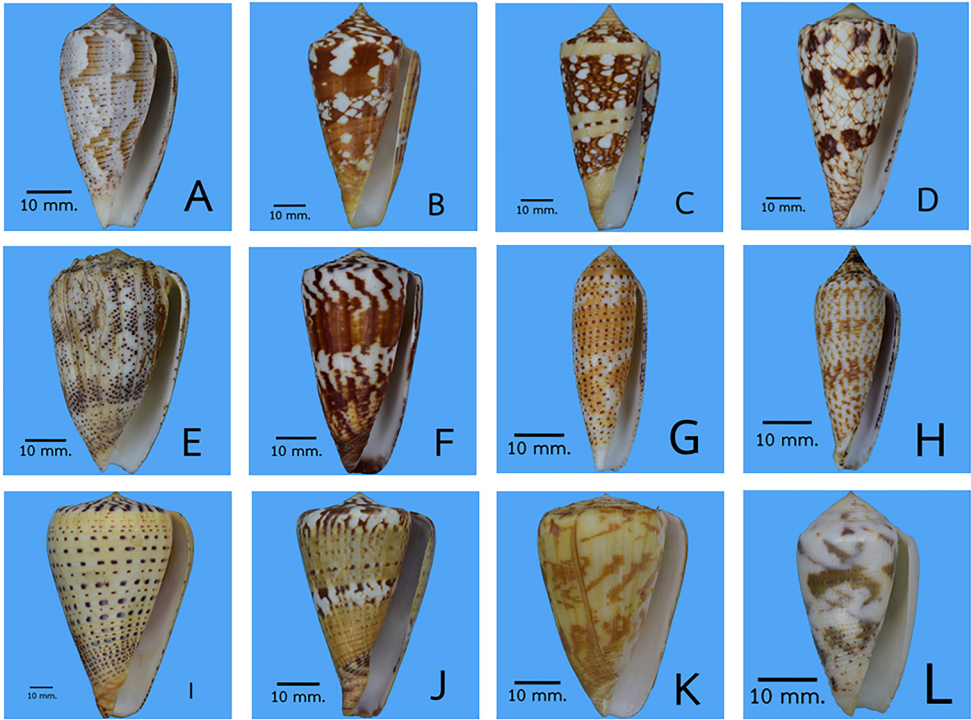
**Material Examined. THAILAND.** One specimen (THNHM-IV-03090), unknown locality, 13–28.III.1979, unknown collector; 2 specimens (THNHM-IV-04208), unknown locality, date, and collector; 1 specimen (THNHM-IV-03087), E Thailand, Rayong Prov., Ban Phe, 6–16.III.1975, unknown collector; 1 specimen (THNHM-IV-17087), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 1 specimen (THNHM-IV-03088), S Thailand, Krabi Prov., II.1974, unknown collector; 2 specimens (THNHM-IV-03089), S Thailand, Satun Prov., Ko Adang, 16.III.1973, unknown collector.

**Distribution.** Rayong, Krabi, and Satun.

***Conus catus* Hwass, 1792** (Figure 3L)

**Material Examined. SAMOR.** One specimen (THNHM-IV-04292), unknown locality, date, and collector; **THAILAND.** One specimen (THNHM-IV-03112), E Thailand, Chon Buri Prov., Sattahip Dist., Ko Chang., 4–10.VI.1973, unknown collector; 1 specimen (THNHM-IV-03113), S Thailand, Krabi Prov., Ko Phi Phi, 1969, Suradet leg.; 3 specimens (THNHM-IV-03114), S Thailand, Ranong Prov., Bang Ben, 6–16.V.1975, unknown collector.

**Distribution.** Chon Buri, Krabi, and Ranong.



**Figure 3.** A, *Conus achatinus* Gmelin, 1791; B, *Conus amadis* Gmelin, 1791; C, *Conus ammiralis* Linnaeus, 1758; D, *Conus araneosus nicobaricus* Hwass, 1792; E, *Conus arenatus* Hwass, 1792; F, *Conus argillaceus* Perry, 1811; G, *Conus artoptus* Sowerby, 1833; H, *Conus australis* Holten, 1802; I, *Conus betulinus* Linnaeus, 1758; J, *Conus capitaneus* Linnaeus, 1758; K, *Conus characteristicus* Fischer von Waldheim, 1807; L, *Conus catus* Hwass, 1792.

***Conus chaldaeus* (Röding, 1798)** (Figure 4A)

**Material Examined.** THAILAND. One specimen (THNHM-IV-03122), S Thailand, Krabi Prov., II. 1974, unknown collector.

**Distribution.** Krabi.

***Conus cinereus* Hwass, 1792** (Figure 4B)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04209), unknown locality, date, and collector; 2 specimens (THNHM-IV-04293), unknown locality, date, and collector; 1 specimen (THNHM-IV-04296), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus cocceus* Reeve, 1844** (Figure 4C)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04210), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus conspersus* Reeve, 1844** (Figure 4D)

**Material Examined.** THAILAND. One specimen (THNHM-IV-04212), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus coronatus* Gmelin, 1791** (Figure 4E)

**Material Examined.** SAMOR. Two specimens (THNHM-IV-04213), unknown locality, date, and collector; THAILAND. One specimen (THNHM-IV-17083), E Thailand, Rayong Prov., Ban Phe, unknown date and collector.

**Distribution.** Rayong.

***Conus distans* Hwass, 1792** (Figure 4F)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04230), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus ebraeus* Linnaeus, 1758** (Figure 4G)

**Material Examined.** SAMOR. Two specimens (THNHM-IV-04214), unknown locality, date, and collector; THAILAND. Nine specimens (THNHM-IV-17604), unknown locality, date, and collector; 7 specimens (THNHM-IV-17605), unknown locality, date, and collector; 3 specimens (THNHM-IV-03115), S Thailand, Phuket Prov., Ko Bon, 1986, unknown collector; 1 specimen (THNHM-IV-03116), S Thailand, Satun Prov., Ko Adang, 16.III.1973, unknown collector; 4 specimens (THNHM-IV-03117), S Thailand, Phang-nga Prov., Ko Yao Yai, 13–28.III.1976, unknown collector; 1 specimen (THNHM-IV-03118), S Thailand, Phuket Prov., Ko Bon, 1967, unknown collector.

**Distribution.** Phuket, Phang-nga, and Satun.

***Conus eburneus* Hwass, 1792** (Figure 4H)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04215), unknown locality, date, and collector; 2 specimens (THNHM-IV-17085), E Thailand, Rayong Prov., Ban Phe, unknown date and collector.

**Distribution.** Rayong.

***Conus exiguus* Lamarck, 1810** (Figure 4I)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04206), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus figulinus* Linnaeus, 1758** (Figure 4J)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04218), unknown locality, date, and collector; 2 specimens (THNHM-IV-03100), S Thailand, Phuket Prov.; Ko Phi Phi, unknown collector, pprevious number 37.

**Distribution.** Phuket.

***Conus flavidus* Lamarck, 1810** (Figure 4K)

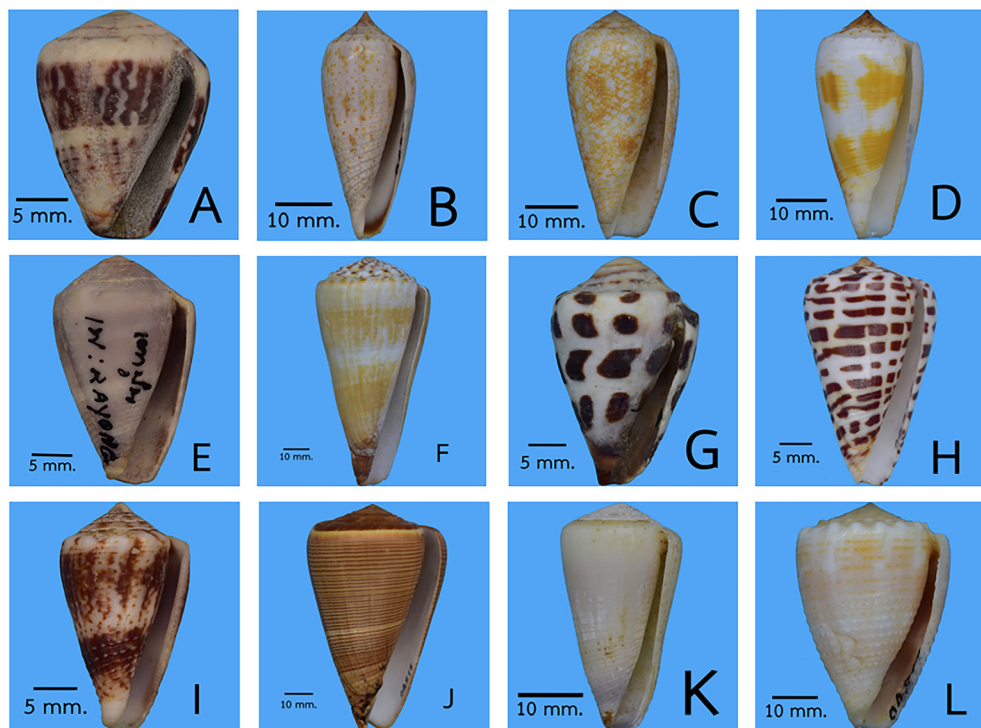
**Material Examined.** THAILAND. Two specimens (THNHM-IV-03095), E Thailand, Chon Buri Prov., Sattahip Dist., Ko Chang, 4–10.VI.1973, unknown collector; 1 specimen (THNHM-IV-03096), E Thailand, Chon Buri Prov., Pattaya Beach, 1968, F.G. Nicholls leg.; 1 specimen (THNHM-IV-03093), S Thailand, Phuket Prov., Ko Hay, 1967, unknown collector, pprevious number 34.; 2 specimens (THNHM-IV-03094), S Thailand, Phuket Prov., Ko Hay, 1968, unknown collector.

**Distribution.** Chon Buri and Phuket.

***Conus fulgetrum* Sowerby, 1834** (Figure 4L)

**Material Examined.** THAILAND. One specimen (THNHM-IV-04217), unknown locality, date, and collector; 1 specimen (THNHM-IV-04219), unknown locality, date, and collector.

**Distribution.** Unknown.



**Figure 4.** A, *Conus chaldaeus* (Röding, 1798); B, *Conus cinereus* Hwass, 1792; C, *Conus cocceus* Reeve, 1844; D – *Conus conspersus* Reeve, 1844; E, *Conus coronatus* Gmelin, 1791; F, *Conus distans* Hwass, 1792; G, *Conus ebraeus* Linnaeus, 1758; H, *Conus eburneus* Hwass, 1792; I, *Conus exiguus* Lamarck, 1810; J, *Conus figulinus* Linnaeus, 1758; K, *Conus flavidus* Lamarck, 1810; L, *Conus fulgetrum* Sowerby, 1834.

***Conus generalis* Linnaeus, 1767** (Figure 5A)

**Material Examined.** THAILAND. Five specimens (THNHM-IV-04220), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus geographus* Linnaeus, 1758** (Figure 5B)

**Material Examined.** MADAGASCAR. One specimen (THNHM-IV-17173), unknown locality, 1999. Pongsak Angsupun leg.; 2 specimens (THNHM-IV-04222), unknown locality, date, and collector, THAILAND. Two specimens (THNHM-IV-04221), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus glaucus* Linnaeus, 1758** (Figure 5C)

**Material Examined.** THAILAND. One specimen (THNHM-IV-04223), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus gloriamaris* Chemnitz, 1777** (Figure 5D)

**Material Examined.** THAILAND. One specimen (THNHM-IV-06465), unknown locality, date, and collector; 1 specimen (THNHM-IV-06467), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus imperialis* Linnaeus, 1758** (Figure 5E)

**Material Examined.** MADAGASCAR. One specimen (THNHM-IV-17211), unknown locality, 1999, Pongsak Angsupun leg.; THAILAND. One specimen (THNHM-IV-03099), unknown locality, date, and collector; 1 specimen (THNHM-IV-04224), unknown locality, date, and collector; 2 specimens (THNHM-IV-04225), unknown locality, date, and collector; 2 specimen (THNHM-IV-06474), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus jickelii* Weinkauff, 1873** (Figure 5F)

**Material Examined.** THAILAND. One specimen (THNHM-IV-042226), unknown locality, date, and collection.

**Distribution.** Unknown.

***Conus leopardus* (Röding, 1798)** (Figure 5G)

**Material Examined.** THAILAND. One specimen (THNHM-IV-03082), S Thailand, Phang-nga Prov., Ko Yao Yai, 13–28.III.1976, unknown collector; 1 specimen (THNHM-IV-03083), S Thailand, Satun Prov., Ko Adang, 16.III.1973, unknown collector.

**Distribution.** Phang-nga and Satun.

***Conus litteratus* Linnaeus, 1758** (Figure 5H)

**Material Examined.** MADAGASCAR. One specimen (THNHM-IV-17165), unknown locality, 1999, Pongsak Angsupun leg.; THAILAND. Two specimens (THNHM-IV-04227), unknown locality, date, and collector; 2 specimens (THNHM-IV-04228), unknown locality, date, and collector; 1 specimen (THNHM-IV-06466), unknown locality, date, and collector; 4 specimens (THNHM-IV-03078), S Thailand, Phuket Prov., Ko Bon, unknown date and collector; 3 specimens (THNHM-IV-03079), S Thailand, Satun Prov., Ko Adang, 16.III.1973, unknown collector, previous number 91; 1 specimen (THNHM-IV-03081), S Thailand, Krabi Prov., unknown date and collector.

**Distribution.** Phuket, Krabi and Satun.

***Conus lividus* Hwass, 1792** (Figure 5I)

**Material Examined.** THAILAND. One specimen (THNHM-IV-04229), unknown locality, date, and collector; 1 specimen (THNHM-IV-04282), unknown locality, date, and collector; 2 specimens (THNHM-IV-03097), S Thailand, Phuket Prov., Ko Loan, unknown date and collector.

**Distribution.** Phuket.

***Conus magus* Linnaeus, 1758** (Figure 5J)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04277), unknown locality and date, Apipong Chainam leg.; 2 specimens (THNHM-IV-17084), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 2 specimens (THNHM-IV-03111), S Thailand, Ranong Prov., Bang Ben, 6–16.V.1975, unknown collector.

**Distribution.** Rayong and Ranong.

***Conus miles* Linnaeus, 1758** (Figure 5K)

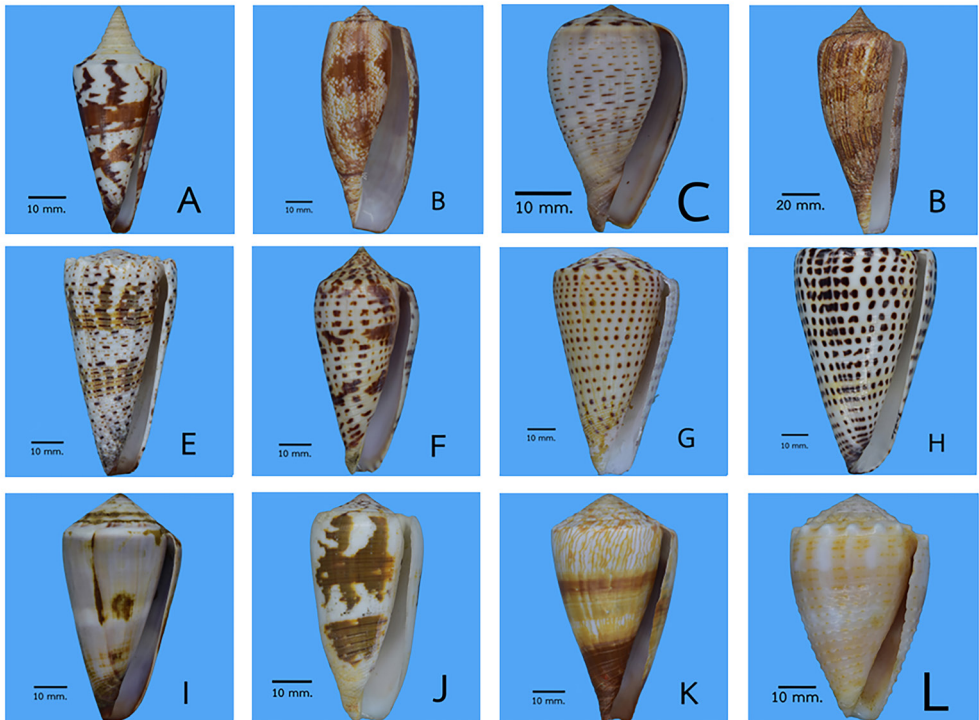
**Material Examined. THAILAND.** Two specimens (THNHM-IV-04232), unknown locality, date, and collection; 1 specimen (THNHM-IV-03119), E Thailand, Chon Buri Prov., Pattaya, 20.V.1968, F. G. Nicholls leg.

**Distribution.** Chon Buri.

***Conus miliaris* Hwass, 1792** (Figure 5L)

**Material Examined. SAMOR.** One specimen (THNHM-IV-04283), unknown locality, date, and collector; **THAILAND.** Three specimens (THNHM-IV-17137), unknown locality, date, and collector; 12 specimens (THNHM-IV-17215), unknown locality, date, and collector; 2 specimens (THNHM-IV-03061), E Thailand, Rayong Prov., Ko Samet, 26.XI.1962, Subagio leg., previous number 159.; 5 specimens (THNHM-IV-17219), E Thailand, Rayong Prov., Ban phe, 1999, unknown collector.

**Distribution.** Rayong.



**Figure 5.** A, *Conus generalis* Linnaeus, 1767; B, *Conus geographus* Linnaeus, 1758; C, *Conus glaucus* Linnaeus, 1758; D, *Conus gloriamaris* Chemnitz, 1777; E, *Conus imperialis* Linnaeus, 1758; F, *Conus jickelii* Weinkauff, 1873; G, *Conus leopardus* (Röding, 1798); H, *Conus litteratus* Linnaeus, 1758; I, *Conus lividus* Hwass, 1792; J, *Conus magus* Linnaeus, 1758; K, *Conus miles* Linnaeus, 1758; L, *Conus miliaris* Hwass, 1792.

***Conus milneedwardsi* Jousseaume, 1894** (Figure 6A)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04233), unknown locality, date, and collector; 1 specimen (THNHM-IV-06018), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus monile* Hwass, 1792** (Figure 6B)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04234), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus muriculatus* Sowerby, 1833** (Figure 6C)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04294), unknown locality, date, and collector; 1 specimen (THNHM-IV-19214), S Thailand, Satun Prov., Mueang Satun Dist., Ko Sarai, Ko Adang, Tarutao National Park, 9.XII.2020, B. Changlom leg.

**Distribution.** Satun.

***Conus natalis* Sowerby, 1858** (Figure 6D)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04236), unknown locality and date, Apipong Chainam leg.

**Distribution.** Unknown.

***Conus nigropunctatus* Sowerby, 1858** (Figure 6E)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04237), unknown locality, date, and collector; 1 specimen (THNHM-IV-04284), unknown locality, date, and collector; 1 specimen (THNHM-IV-06700), unknown locality and date, Jarujin Nabhitabhata leg.

**Distribution.** Unknown.

***Conus nussatella* Linnaeus, 1758** (Figure 6F)

**Material Examined. THAILAND.** One specimen (THNHM-IV-03110), S Thailand, Phuket Prov., Ko Hey, 28.1968, unknown collector; 1 specimen (THNHM-IV-21666), S Thailand, Satun Prov., Mueang Satun Dist., Ko Sarai, Tarutao National Park, Rock Seven, 23.III.2021, Ratchaneewarn Sumitrakij leg.

**Distribution.** Phuket and Satun.

***Conus ochroleucus* Gmelin, 1791** (Figure 6G)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04239), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus radiatus* Gmelin, 1791** (Figure 6H)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04243), unknown locality, date, and collector; 2 specimens (THNHM-IV-03125), S Thailand, Phuket Prov., II.1974, unknown collector.

**Distribution.** Phuket.

***Conus quercinus* [Lightfoot], 1786** (Figure 6I)

**Material Examined. THAILAND.** Three specimens (THNHM-IV-04242), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus retifer* Menke, 1829** (Figure 6J)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04245), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus sponsalis* Hwass, 1792** (Figure 6K)

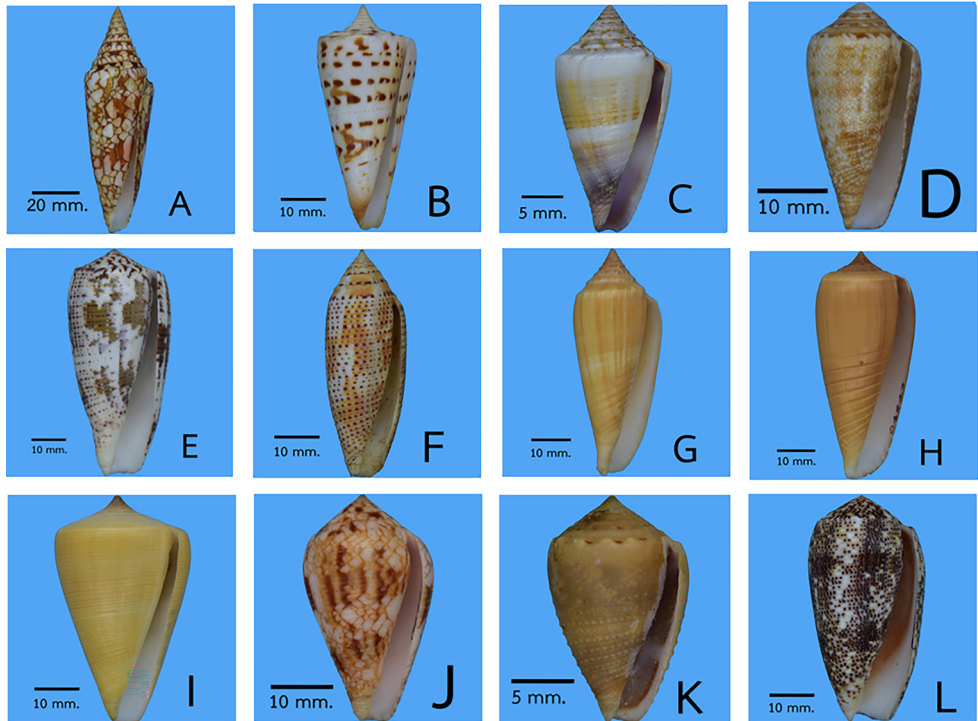
**Material Examined.** THAILAND. Five specimens (THNHM-IV-03123), S Thailand, Phuket Prov., II.1974, unknown collector.

**Distribution.** Phuket.

***Conus stercusmuscarum* Linnaeus, 1758** (Figure 6L)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04247), unknown locality, date, and collector.

**Distribution.** Unknown.



**Figure 6.** A, *Conus milneedwardsi* Jousseaume, 1894; B, *Conus monile* Hwass, 1792; C, *Conus muriculatus* Sowerby, 1833; D, *Conus natalis* Sowerby, 1858; E, *Conus nigropunctatus* Sowerby, 1858; F, *Conus nussatella* Linnaeus, 1758; G, *Conus ochroleucus* Gmelin, 1791; H, *Conus radiatus* Gmelin, 1791; I, *Conus quercinus* [Lightfoot], 1786; J, *Conus retifer* Menke, 1829; K, *Conus sponsalis* Hwass, 1792; L, *Conus stercusmuscarum* Linnaeus, 1758.

***Conus striatus* Linnaeus, 1758** (Figure 7A)

**Material Examined.** THAILAND. Two specimens (THNHM-IV-04248), unknown locality, date, and collector; 2 specimens (THNHM-IV-04260), unknown locality and date, Apipong Chainam leg.; 1 specimen (THNHM-IV-17095), unknown locality, date, and collector; 3 specimens (THNHM-IV-17115), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 1 specimen (THNHM-IV-03091), S Thailand, Satun Prov., Ko Adang, 16.III.1973, unknown collector; 2 specimens (THNHM-IV-03092), S Thailand,

Krabi Prov., 26.III.1973, unknown collector; 1 specimen (THNHM-IV-21624), S Thailand, Satun Prov., Mueang Satun Dist., Ko Sarai, Tarutao National Park, Rock Seven, 23.III.2021, Ratchaneewarn Sumitrakij leg.

**Distribution.** Rayong, Krabi, and Satun.

*Conus sulcatus* Hwass, 1792 (Figure 7B)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04249), unknown locality, date, and collector.

**Distribution.** Unknown.

*Conus suratensis* Hwass, 1792 (Figure 7C)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04261), unknown locality, date, and collector.

**Distribution.** Unknown.

*Conus telatus* Reeve, 1848 (Figure 7D)

**Material Examined. THAILAND.** Two specimens (THNHM-IV-04250), unknown locality, date, and collector; 2 specimens (THNHM-IV-14250), unknown locality, date, and collector.

**Distribution.** Unknown.

*Conus tenuistriatus* Sowerby, 1858 (Figure 7E)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04251), unknown locality, date, and collector.

**Distribution.** Unknown.

*Conus tessulatus* Born, 1778 (Figure 7F)

**Material Examined. Madagascar.** Two specimens (THNHM-IV-17159), unknown locality, 1999, Pongsak Angsupun leg.; **THAILAND.** Two specimens (THNHM-IV-04252), unknown locality, date, and collector; 2 specimens (THNHM-IV-04253), unknown locality, date, and collector.

**Distribution.** Unknown.

*Conus textile* Linnaeus, 1758 (Figure 7G)

**Material Examined. THAILAND.** Four specimens (THNHM-IV-03058), unknown locality, date, and collector; 1 specimen (THNHM-IV-03068), unknown locality, date, and collector; 1 specimen (THNHM-IV-03069), unknown locality, 13–28.III.1976, unknown collector; 1 specimen (THNHM-IV-03070), unknown locality, date, and collector; 3 specimens (THNHM-IV-03076), unknown locality, date, and collector; 1 specimen (THNHM-IV-04254), unknown locality, date, and collector; 2 specimens (THNHM-IV-04255), unknown locality, date, and collector; 1 specimen (THNHM-IV-06479), unknown locality, date, and collector; 1 specimen (THNHM-IV-03066), E Thailand, Chon Buri Prov., Sattahip Dist., Ko Chuang, 4–10.VI.1973, unknown collector; 1 specimen (THNHM-IV-03067), E Thailand, Rayong Prov., Ban Phe, 6-16.V.1975, unknown collector; 4 specimens (THNHM-IV-17068), E Thailand,

Rayong Prov., Ban Phe, unknown date and collector; 1 specimen (THNHM-IV-21632), S Thailand, Satun Prov., Mueang Satun Dist., Tarutao National Park, Ko Phung Yai, 22.III.2021, Ratchaneewarn Sumitrakij leg.; 1 Specimen (THNHM-IV-21665), S Thailand, Satun Prov., Mueang Satun Dist., Tarutao National Park, Ko Lipe, Pattaya Beach, unknown date and collector; 1 specimen (THNHM-IV-03071), S Thailand, Krabi Prov., Ko Phi Phi, previous unknown collector.

**Distribution.** Chon Buri, Rayong, Krabi, and Satun.

***Conus thalassiarchus* Sowerby, 1834** (Figure 7H)

**Material Examined. THAILAND.** Two specimens (THNHM-IV-04257), unknown locality, date, and collector; 1 specimen (THNHM-IV-04258), unknown locality, date, and collector; 2 specimens (THNHM-IV-04276), unknown locality, date, and collector; 1 specimen (THNHM-IV-04256), E Thailand, Rayong Prov., Ban Phe, unknown date and collector; 2 specimens (THNHM-IV-03120), S Thailand, Phuket Prov., Ko Hay, unknown date and collector, previous number 42.

**Distribution.** Rayong and Phuket.

***Conus tulipa* Linnaeus, 1758** (Figure 7I)

**Material Examined. THAILAND.** Three specimens (THNHM-IV-04259), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus urashimanus* Kuroda & Ko. Itô, 1961** (Figure 7J)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04262), unknown locality, date, and collector.

**Distribution.** Unknown.

***Conus vexillum* Gmelin, 1791** (Figure 7K)

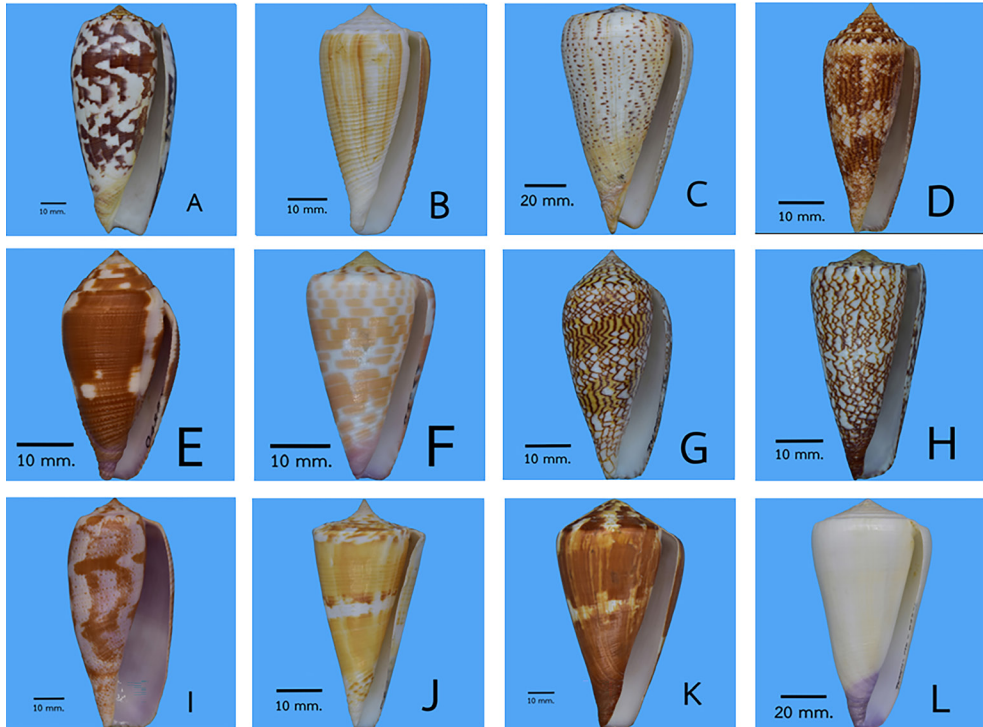
**Material Examined. THAILAND.** Five specimens (THNHM-IV-04235), unknown locality, date, and collector; 1 specimen (THNHM-IV-04263), unknown locality, date, and collector; 1 specimen (THNHM-IV-06024), unknown locality, date, and collector; 1 specimen (THNHM-IV-03086), S Thailand, Satun Prov., Ko Adang, 1967, unknown collector.

**Distribution.** Satun.

***Conus virgo* Linnaeus, 1758** (Figure 7L)

**Material Examined. THAILAND.** One specimen (THNHM-IV-04265), unknown locality, date, and collector; 2 specimens (THNHM-IV-04266), unknown locality, date, and collector; 2 specimens (THNHM-IV-16237), unknown locality, date, and collector; 1 specimen (THNHM-IV-03104), S Thailand, Satun Prov., Ko Adang, 16.III.1973, unknown collector; 1 specimen (THNHM-IV-03105), S Thailand, Phang-nga Prov., Ko Yao Yai, 13–28.III.1974, unknown collector; 1 specimen (THNHM-IV-03106), S Thailand, Phuket Prov., Ko Hay, 1967, unknown collector, previous number 35.

**Distribution.** Phuket, Phang-nga, and Satun.



**Figure 7.** A, *Conus striatus* Linnaeus, 1758; B, *Conus sulcatus* Hwass, 1792; C, *Conus suratensis* Hwass, 1792; D, *Conus telatus* Reeve, 1848; E, *Conus tenuistriatus* Sowerby, 1858; F, *Conus tessulatus* Born, 1778; G, *Conus textile* Linnaeus, 1758; H, *Conus thalassiarachus* Sowerby, 1834; I, *Conus tulipa* Linnaeus, 1758; J, *Conus urashimanus* Kuroda & Ko. Itô, 1961; K, *Conus vexillum* Gmelin, 1791; L, *Conus virgo* Linnaeus, 1758.

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