

22. *Terebra montgomeryi* R. D.

Burch, 1965

(Pl. 7, fig. 21a-c)

(Color pl. E, fig. 8)

1965 *Terebra (Dimidacus) montgomeryi* R. D. Burch, Veliger 7 (4): 250, pl. 31, fig. 7.1966 *Terebra (Perirhoe) montgomeryi* R. D. Burch, Cernohorsky & Jennings, Veliger 9 (1): 52, pl. 5, fig. 20.1967 *Terebra montgomeryi* R. D. Burch, Cernohorsky, Mar. Shells Pacific 1: 204, pl. 51, fig. 378; 1982 Abbott & Dance, Compendium of Seashells p. 275 (holotype illust.)

**Description:** Shell to 57 mm; color background white, early whorls with flammules of rosy orange which coalesce in later whorls to form large blotches extending into the subsutural band; outline of whorls slightly turreted; subsutural band evenly crenulate, defined by deep punctations; axial sculpture of microscopic growth striae only; spiral sculpture of 4 to 6 rows of punctations; aperture moderately quadrate; columella recurved, with a single weak plication; siphonal fasciole curved, with weak posterior keel.

**Type locality:** "Piti Bay, Guam, Is., Marianas Is."

**Distribution:** From the Mariana Is. to Papua New Guinea and the Fiji Is.; intertidal to 20 m.

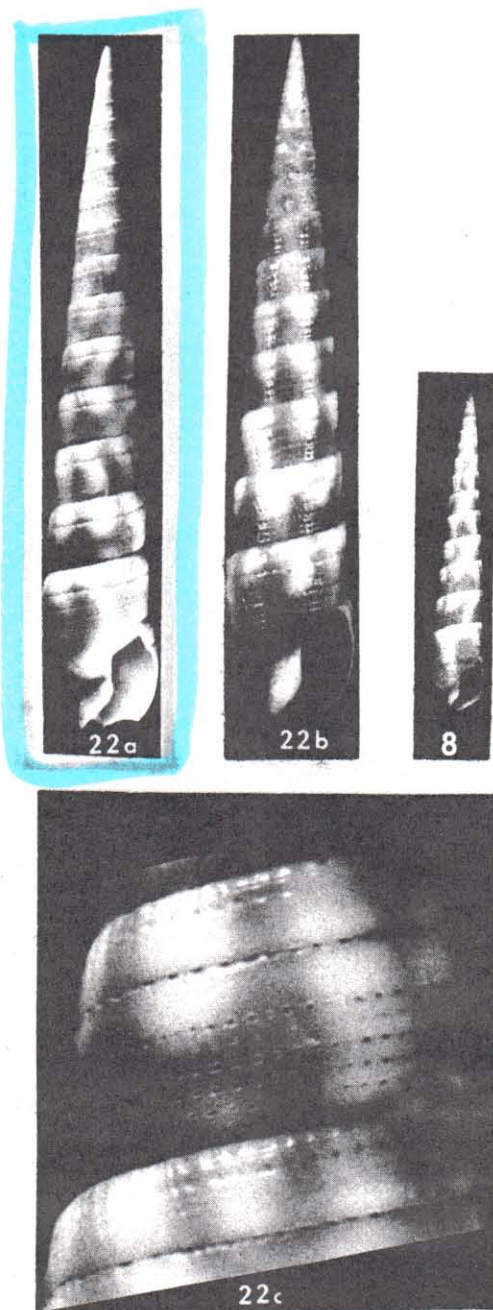
**Type:** Holotype MCZ 251240; 57.0 × 10.0 mm.

**Discussion:** This uncommon species has an unusually beautiful shell with its rosy orange flammules on a rather shiny background. The rows of punctations are well-marked. B-22-150

8: *Terebra montgomeryi* Burch; Australia; 44.7 mm. (sp. 22).

22a-c, *T. montgomeryi* R. D.

Burch. 22a, Holotype Museum Comparative Zoology, Harvard No. 251240; 57.0 mm. 22b, Papua New Guinea; 50.0 mm. 22c, Middle whorls.



*Terebra montgomeryi* R. D. Burch, 1965

(Plate 51, Figure 378.)

**SHELL:** Orange-brown, ornamented with large irregular white flames; whorls number about 18. Sculptured with four spiral rows of deep punctures, curved axial growth striae and a shallow punctate spiral groove at sutures.

**SIZE:** Two inches.

**DISTRIBUTION:** Fiji and Guam. Rare.

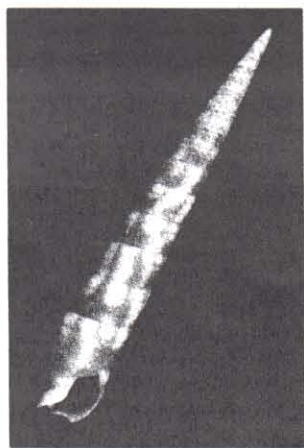
(PARATYPE)

C. 1967

MONTGOMERYI (2)

R. Burch-1965

(22)



Montgomery's Auger (3") 7 cm  
*Terebra montgomeryi* R. Burch,  
1965. Marianas Is. Reefs; rare.  
Holotype illus.

COMPLEND: OCH 1275



17. *Terebra montgomeryi* R. D. Burch, 1965

30.5mm; Cebu.

Shell small, glossy, with a tall spire and moderately incised sutures; sculptured with a sutural cord which is finely granulose, a deep presutural groove, and 3 to 4 punctate spiral grooves on the rest of the whorls; creamy white in colour with orange maculations; reaches 35mm.

**DISTRIBUTION:** Sporadically found throughout the Philippines in limited quantity.

*Terebra (Dimidacus) montgomeryi* R. D. BURCH,  
spec. nov.

(Plate 31, Figure 7)

**Description:** Shell of medium size, moderately subulate, with turreted, flat whorls; basic color white, with flammules of a deep orange color on the early whorls coalescing to form large blotches of color on the adult whorls; the orange flammules are very concave on the posterior portion of the whorls, with the points thus formed extending to the suture and forming an irregular series of relatively large white spots on the subsutural band; axial sculpture composed only of flexuous, microscopic growth lines; subsutural groove shallow and finely punctate at the bottom, setting off a subsutural band that is slightly crenate in the teleoconch whorls; progressively obsolete with growth until the band is flattened and broken only by the minute growth lines; anterior to the subsutural groove are four or five rows of unconnected microscopic punctations which give the appearance of spiral striae. with additional obsolete rows anterior to the periphery of the body whorl; aperture narrow-ovate, light-orange within; columella white, moderately twisted, with a single plication; siphonal canal recurved and bounded by a strong cord. Length 57.0 mm; width 10.0 mm.

**Holotype:** Museum of Comparative Zoology, Harvard University No. 251240

**Type Locality:** The holotype was collected in fine sand at four feet, inside the reef of Piti Bay, off Piti, Guam, Mariana Islands. Lat. 13° 27' N; Long. 144° 43' E.

Only the holotype and a single hypotype of *Terebra montgomeryi* are known to me. Hypotype no. 1 was collected off Natadola Island, Fiji Islands, in 1963, by Mr. A. Jennings and is in the Jennings Collection. Length 50.3 mm; width 8.7 mm.

**Discussion:** *Terebra montgomeryi* resembles *T. cingulifera* LAMARCK, 1822, except that the latter species has a basic color of plain yellowish-white or pinkish-white, with a spiral sculpture of four or five continuous indistinct grooves which are occasionally punctate within, while the whorls of *T. montgomeryi* are not grooved and the punctations are on the shell surface and not connected. The basic color of *T. pallida* DESHAYES, 1857, is a plain dark orange-red, with a series of about six narrow spiral grooves, not punctate within, on the penultimate whorl and a laminated columellar wall, while the columellar wall of *T. montgomeryi* is not laminated.

This species is named to honor Mr. Tom Montgomery for collecting and donating the holotype, and for his assistance with specimens of terebrids of Guam.

Figure 7

Figure 7: *Terebra montgomeryi*; MCZ No. 251240 (x 1 1/2)



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Figure 20: *Terebra montgomeryi* R. BURCH, Hypotype no. 1.  
Fiji. x 1.25

28. *Terebra (Perirhoe) montgomeryi* R. D. BURCH, 1965  
(Plate 5, Figure 20)

1965. *Terebra (Dimidacus) montgomeryi* R. D. BURCH, *The Veliger*, 7 (4): 250-251, pl. 31, fig. 7 (Type locality: Guam, Mariana Islands)

**Shell:** Shell moderate in size, slender and smooth; orange-brown in colour, ornamented with moderately large irregular and axially curved white flammules. Whorls flat, numbering 18, apart from protoconch, which is eroded; presutural band defined by a shallow punctate spiral groove. Sculpture consists of 4 spiral rows of deep punctures and curved axial growth lines which become close-set and ill-defined weak axial ribs at the presutural band; these axials number about 47 on the penultimate whorl. Body whorl with 4 spiral rows of deep punctures, followed by 8 to 10 spiral grooves, some of which are punctate. Columella whitish, twisted, and with a single cord; interior of aperture light orange-fawn.

**Size:** 50.5 mm.

**Habitat:** In clean sand, in shallow water.

Very rare.

**Distribution:** Mamanuca group, West off Viti Levu. - Guam.

**Discussion:** The species resembles *Terebra cingulifera* LAMARCK but differs in colour pattern, having a shallow presutural groove, spiral rows of disconnected punctures, and not continuous punctate spiral grooves as in *T. cingulifera*.

The holotype has been described from Guam by R. D. BURCH (1965), and the hypotype no. 1 was stated to have come from "Natadola Island." This hypotype, however, has been collected by the junior author 100 yards off the eastern sector of Namotu Island in the Mamanuca group.

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