

61. *Terebra bifrons* Hinds, 1844

(Pl. 18, figs. 61a-b)
(Color pl. E, fig. 21)

- 1844 *Terebra bifrons* Hinds, Proc. Zool. Soc. Lond. pt. 11:155; 1844 Hinds in Sowerby, Thes. Conch. 1:174, pl. 43, fig. 57; 1917 Hirase, Terebridae Jap. Emp. p. 18, pl. 4, figs. 45, 46.
1928 *Terebra bellanodosa* Grabau & King, Peking Soc. Nat. Hist. Hand-book no. 2:119, pl. 214, pl. 9, fig. F80.
1961 *Noditerebra (Pristiterebra) bifrons* (Hinds), Oyama, Molluscan Shells, Resources Exploitation Inst. 5: *Noditerebra* (2) figs. 2,10; 1962 Kira, Shells W. Pacific Color 1:110, pl. 39, fig. 11.

Description: Shell to 64 mm, sturdy; color brownish; outline of whorls almost straight for first 9 or 10 whorls, then becoming moderately convex; protoconch multispiral; subsutural band of axial ribs, defined by a space rather than a groove; axial ribs on early whorls, becoming axially and spirally aligned rows of pustules, sometimes coalescing again into weak, often interrupted ribs; spiral sculpture usually absent, occasionally showing as narrow weak cords bisecting ribs, forming pustules; body whorl elongate, with 6 to 10 spiral rows of pustules below the subsutural band; aperture quadrate; columella almost straight.

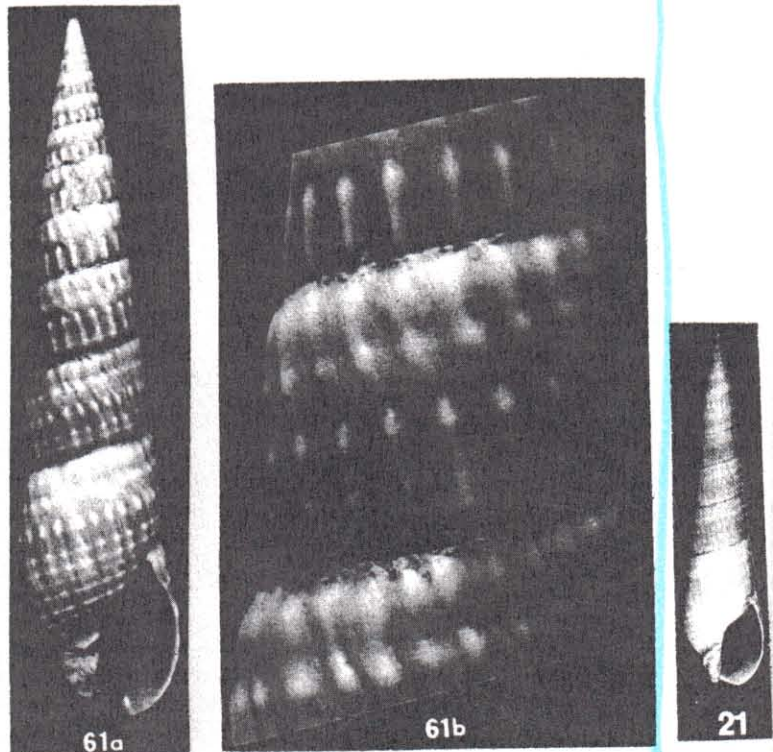
Type locality: "Japan, sandy mud."

Distribution: Japan; 9 to 20 m.

Type: Holotype BM(NH) no. 1968237; 51.0 mm.

Discussion: *T. bellanodosa* Grabau & King is questionably included as a synonym. We have not seen the type, but the figure and description seem to fit this species. *T. pustulosa* (62) is another Japanese species with a brownish shell ornamented with pustules, but the shell is more delicate, almost translucent and has a keel-like cord at the periphery of the body whorl.

6-61-17



21: *Terebra bifrons* Hinds; Japan; 48.5 mm. (sp. 61).

FIGS. 61a,b, *Terebra bifrons* Hinds. 61a, Holotype British Museum (N.H.) No. 1968237; 51.0 mm. 61b, Middle whorls.

BIFRONS (2)
HINDS 1844 (61)
V

TEREBRA BIFRONS. *Ter. testâ turrito-subulatâ, lævigatâ, fuscâ; anfractibus rotundatis, inferioribus multiseriatim tuberculatis, superioribus longitrorsum biseriatis tuberculo-plicatis; tuberculis parvis approximatis, interstitiis lævibus; aperturâ oblongâ; columellâ rectiusculâ, subtruncatâ. Axis 23 lin.*
Hab. Japan; sandy mud: Dr. Siebold.
Cab. Cuming. Unique.

H. 44c p. 155

69. T. BIFRONS. (pl. xliii. f. 57.) *Hinds*, l. c. p. 155.
Testâ turrito-subulatâ, lævigatâ, fuscâ; anfractibus rotundatis, inferioribus multiseriatim tuberculatis, superioribus longitrorsum biseriatis tuberculo-plicatis; tuberculis parvis approximatis, interstitiis lævibus; aperturâ oblongâ; columellâ rectiusculâ, subtruncatâ.

Shell subulate, turrited, smooth, of a dirty brown; whorls somewhat rounded, entire, the penultimate and antepenultimate with about four series of small tubercles, the remaining superior whorls with two series of longitudinal folds, their extremities separated by a narrow smooth interval. Aperture oblong, effuse. Columella naked, short, and truncate. No canal. Japan: Dr. E. Siebold.

H. 44b p. 174 t. xliii f. 57

111. TEREBRA BIFRONS, Hinds.

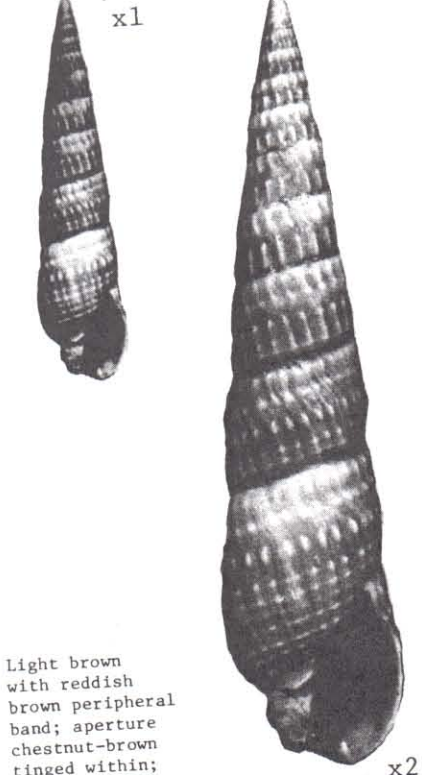
Terebra bifrons, Hinds, *Thes. Conch.* p. 174, pl. 43. f. 57.
Hab. Japon.

DES 1854 p. 297

KIRA 53 p. 100 11. コゲチャタケ

11. コゲチャタケ $\times \frac{3}{4}$ *Terebra (Pervicacia) bifrons* HINDS KIRA 53 p. 100

殻は更に短小で層数僅かに15層内外で、縫合下帯は余り膨れず擦るその下部は引き緊められる。彫刻は甚だ微弱で細かい縦縞も螺状脈もその交点の顆粒も目立たない。殻口は幾分長く前溝は反曲する。全殻濃褐色で既紋はない。本州中部以南5~10fms.



Light brown with reddish brown peripheral band; aperture chestnut-brown tinged within; to approx. 52 mm. (BMNH type coll.)

Terebra bifrons Hinds S.K.
JAPAN

34. *bifrons*, *Terebra* - HINDS, 1844, P. Z. S. L., p. 155.
Hab. Japan; leg. Dr. Siebold. Coll. Cuming. Size: 23 lines (= 51.8 mm). Holotype no. 1968237: 51.0 mm (marked x inside aperture). There is another specimen present in the type collection 45.3 mm in length, which is not a type, as HINDS (1844) mentioned the specimen he described to be unique. C69

Species 62. (Mus. Cuming.)

TEREBRA BIFRONS. *Ter. testâ subulatâ, spadiceo-fuscâ, obscure rufescente-fasciatâ, anfractibus convexis, indivisis, granulis pallidis quadriseriatim cinctis, anfractu ultimo multigranato; aperturâ ovatâ, fauce castaneo tinctâ, columellâ brevi, rectâ.*

THE TWO-FACED TEREBRA. Shell subulate, fawn-brown, obscurely rufous-banded, whorls convex, undivided, encircled with four rows of pale granules, last whorl many-grained; aperture ovate, chestnut-tinged within, columella short, straight.

HINDS, Pro. Zool. Soc. 1843, p. 155.
Hab. Japan (in sandy mud in deep water); Dr. Siebold.
A rather dull fawn-brown shell, faintly stained with a reddish band, and encircled with granules, which appear in pale relief. In place of the usual groove encircling the upper part of the whorls, there is only the merest concavity.

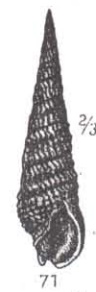
KU 1760 (62)



T. BIFRONS, Hinds. Pl. 4, fig. 71.

Fawn-brown, obscurely rufous-banded; whorls somewhat convex, encircled with four rows of pale granules, last whorl many-grained; sutural band only faintly indicated by a concavity, instead of a groove. Length, 2 inches.

TERMONS p. 19 Japan.



71
T. bifrons Hinds

71. *Terebra bifrons*, Hinds. *Thes. Conch.*, f. 57,



11. *Noditerebra (Pristiterebra) bifrons* (HINDS)

The shell is even shorter, and composed of about 15 whorls. The subsutural zone is scarcely raised, and the whorls are slightly constricted along its anterior margin. The surface sculpture, consisting of weak spiral threads, longitudinal lines and granules on their intersection points, is very faintly marked. The aperture is rather long, containing a reflexed anterior canal. It is simply dark brown all over the surface. Distribution: south of central Honshû, 5-10 fathoms deep.

KIRA 65 p. 110

BIFRONS (3)

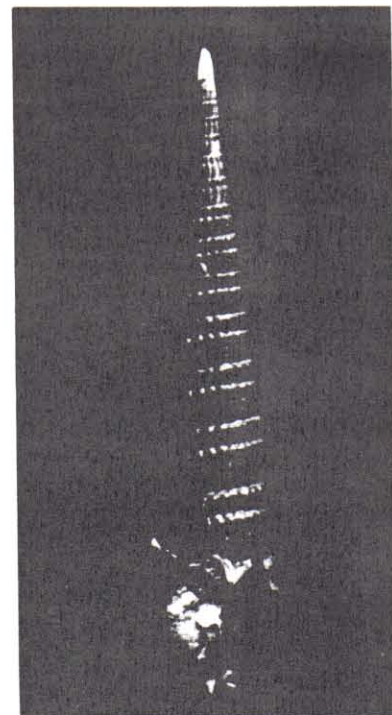
Hinds 1844

(V)

(61)

Terebra bifrons Hinds

× 1.7



Shell thick with acutely pointed apex. Whorls slightly constricted at suture; deep spiral groove below suture. Strong axial threads with fine spiral lines between them. Siphonal canal reflexed. Unicolorous dark brown. 4.5-5.5cm. Indo-Pacific (Pacific). Frequent. *DANIEL #77116*

Terebra bifrons Hinds.

Proc. Zool. Soc. 1843. pag. 155. Sowerby Thes. Conch. vol. 1. pag. 174. Tab. 43. fig. 57. Reeve Conch. icon. spec. 62.

Haec cochlea jam ex longo tempore a clar. Siebold ex Japonia reportata, ad rariores Terebrarum species pertinere videtur. Testa ejus turrato-subulata, anfractibus parum convexis, superioribus longitudine plicatis, sulco mediano divisis, ultimo tertiam totius altitudinis partem paene aequante, seriebus granorum inaequalibus multis (14-16) cincto, canali brevi lato truncato, columella vix contorta nec non colore badio imprimis insignitur. Icon Reeveana optima est, pariter Sowerbyana ad minorem modum redacta, abunde sufficit.

Duo specimina congruentia exstant.

DANIEL #77116