琉球大学学術リポジトリ

Geology and Paleontology of Yonaguni-jima

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PLATE I

Explanation of plate

Figure 1. Soil profile at the souh-east of Sonai. A thin layer about thirty centimeters below the surface is a manganese bed.

2. Cross lamina developed in sandstone at locality 1.

3. Cross bedding developed in the Yayeyama coal-bearing beds at Arakawabana.

4. Boulders included in the base of the Ryukyu Limestone.

PLATE I

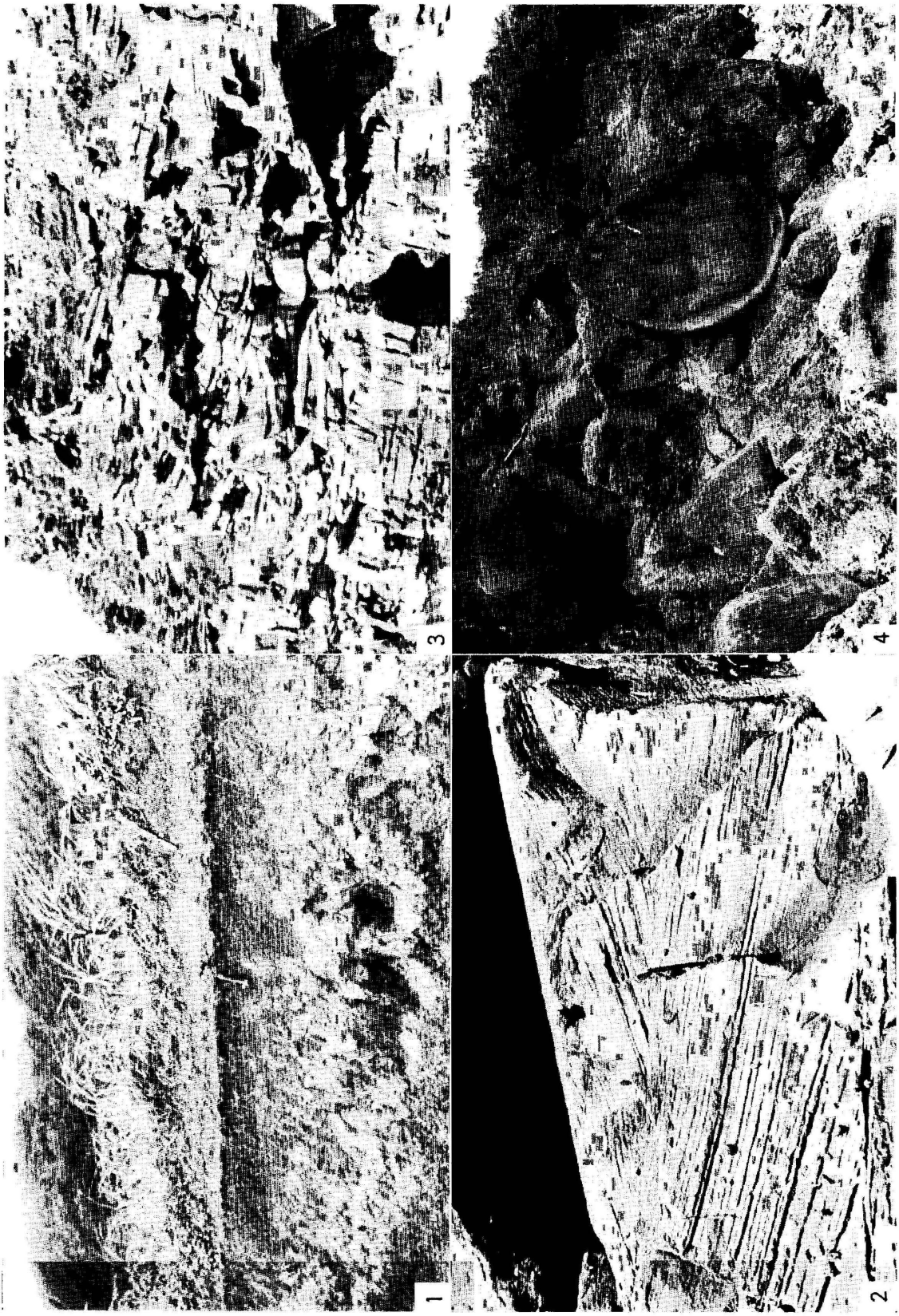


PLATE II

Explanation of plate

Figure 1. Sandpipes occurring in thin bedded-sandstone (Type III in text) due to a polychaete(?). Small picture is an enlarged one of central part of the large photo, showing a broader and U shaped sandpipe which may owe to a crab(?) (Type IV in text).

2. Ryukyu Limestone developed thinly over the Yayeyama coal-bearing beds near Kubura Junior High School.

3. Ichnofossils occurring at locality 1 (Type V in text).

4. A longer sandpipe seen at the upper left corner. The sandpipe is developed on a rippled surface of sandstone.

PLATE II

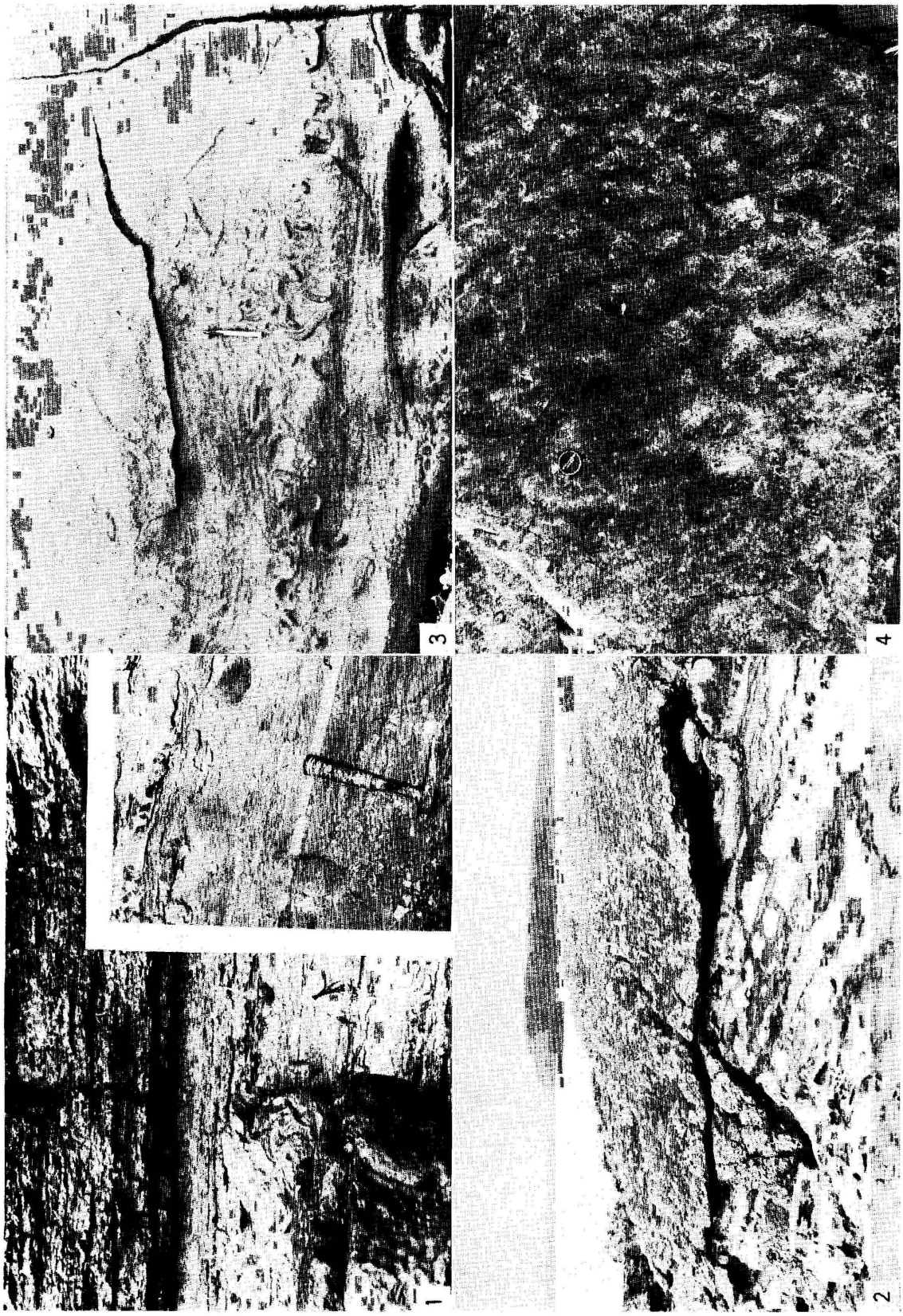


PLATE III

Explanation of plate

Eigure 1. View from the east of Kenzabana. Showing a fault scarp.

2. Fault with a high angle seen at the east of Sonai.

3. View from the east of Kubura. Slightly southward dipping surface is composed of the the Ryukyu Limestone.

4. A coral(*Favia* sp.) keeping its growth position in the Ryukyu Limestone.

PLATE III

PLATE IV

Explanation of plate

Figure 1. Ichnofossil of Type II. Essentially dendritic in pattern. *Spongites* sp.? From locality 2.

2. a. *Helminthoida* sp. Sinuous to meandering trails preserved in sandstone of the Yayeyama coal-bearing beds. Type I (Small trails in the picture). From locality 2.
   b. Ichnofossil of Type II Large, dendritic in pattern. From locality 2.

3. Ichnofossil of Type VI. From locality 1.

4. Ichnofossil of Type VII. From locality 1.

PLATE IV

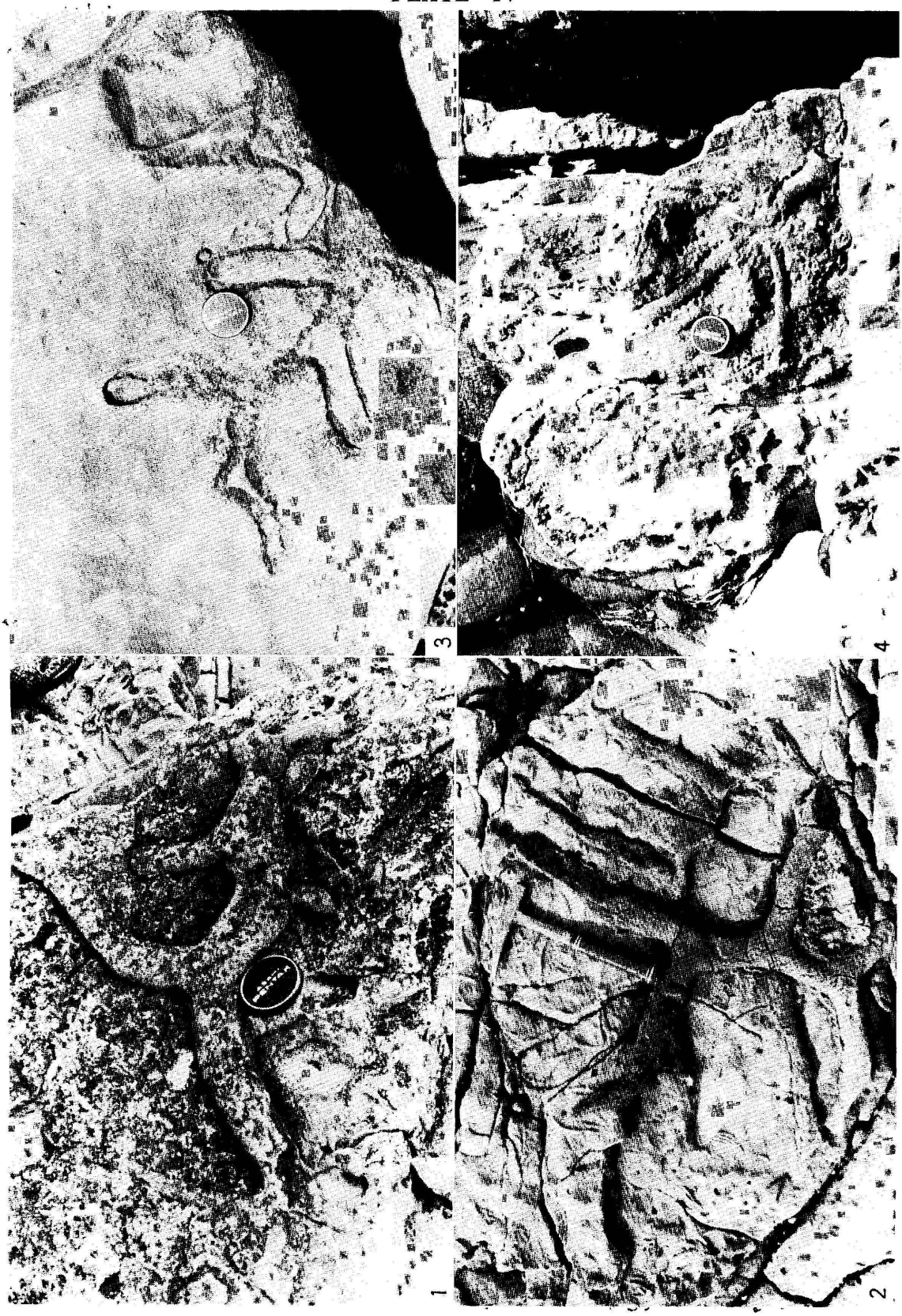


PLATE V

Explanation of plate

Figure 1. *Euphyllia fimbriata* (Splengler)
Showing its natural growth position in the Ryukyu Limestone. From Locality 5

2. *Leptoria phrygia* (Ellis and Solander)
From about one kilometer S.E. of Sonai.

3. *Tridacna(Flodacna) squamosa*(?) Lamarck From 200—300 m south of Sonai, 5 m up from Tahara water garden along a roadcut.

4. *Tridacna(Flodacna) squamosa*(?) Lamarck Less than a hundred meters N. W. of Tahara water garden.

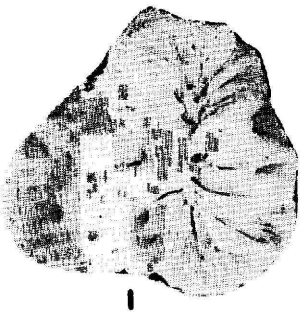
PLATE V

PLATE VI

Explanation of plate

Figure 1. *Euphyllia fimbriata* (Spengler)
Top view (x 1), locality 5.
2. *Hydnophora* sp.
Top view (x 0.8), locality 5.
3. *Fungia repanda* Dana
Top view (x 0.7), locality 5.
4. *Plesiastrea* sp.
Top view (x 0.7), locality 5.
5. Genus species Ind. Coral.
Side view (x 0.7), locality 5.
6. *Machilus* sp.
(x 0.6), locality 3.
7. (?) *Quercus* sp.
(x 0.6), locality 3.
8. *Gloripallium pallium* (Linne)
(x 0.8), locality 4.
9. *Lima* sp.
(x 0.8), locality unknown.
10. *Avestorides* sp.
(x 0.6), locality 5.
11. 12.13. *Turbo petholatus Linne*
11. Oblique view (x 1)
12. Top view (x 1)
13. Side view(x 0.7)
Locality 4.
14. *Darioconus* sp.
Nonapertual view (x 1), locality 5.
15. *Conus* sp. A
Top view (x 1), locality 5.
16. *Ghlamys* sp. C
(x 1), locality 4.
17. *Oliva* cf. *O. annulata amethystina* (Roding)
Nonapertual view (x 1), locality 4.
18. *Puncticulis pulicarius* (Bruguire)
Apertual view (x 0.7), locality 4.

PLATE VI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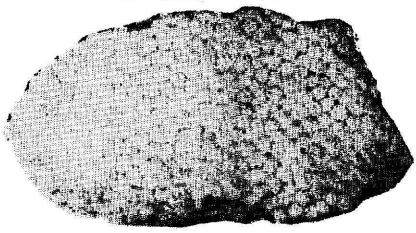
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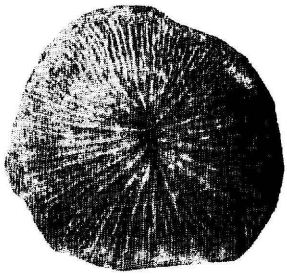
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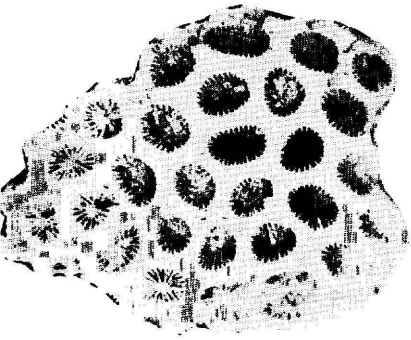
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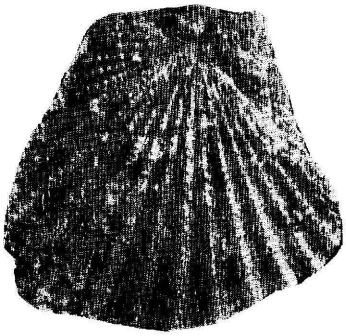
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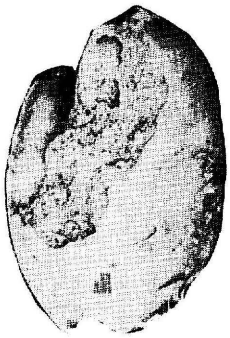
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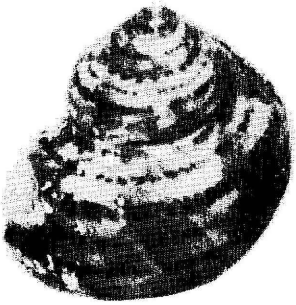
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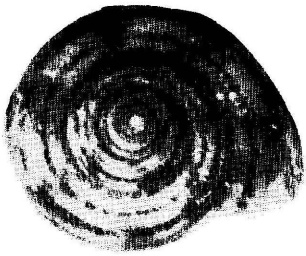
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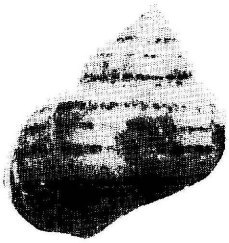
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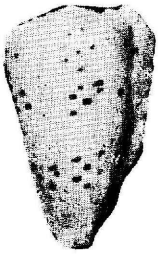
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