

琉球大学学術リポジトリ

Geology and Paleontology of Yonaguni-jima

メタデータ	言語: 出版者: 琉球大学工学部 公開日: 2012-02-28 キーワード (Ja): キーワード (En): 作成者: Nohara, Tomohide, 野原, 朝秀 メールアドレス: 所属:
URL	http://hdl.handle.net/20.500.12000/23456

PLATE I

Explanation of plate

- Figure 1 . Soil profile at the south-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

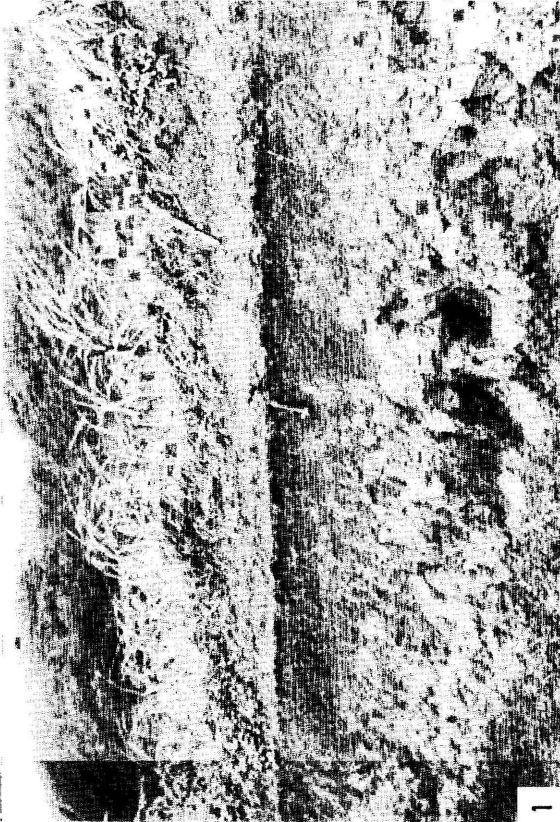


PLATE II

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

- Figure 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

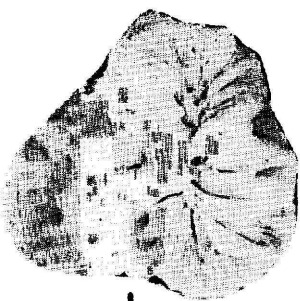


PLATE VI

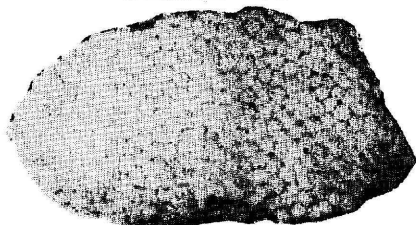
Explanation of plate

- 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.

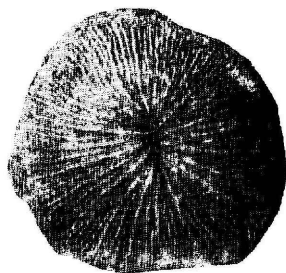
PLATE VI



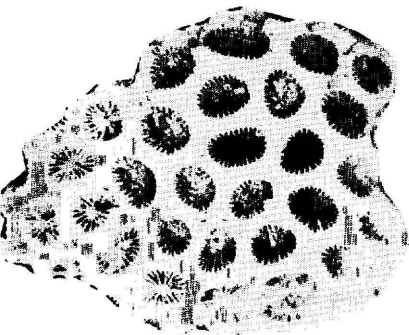
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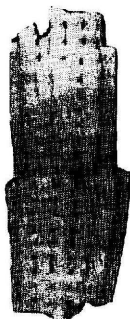
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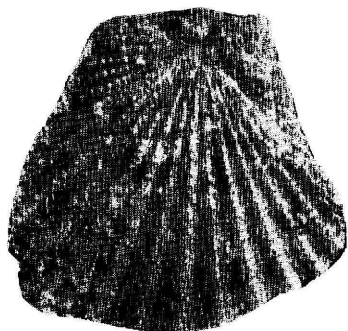
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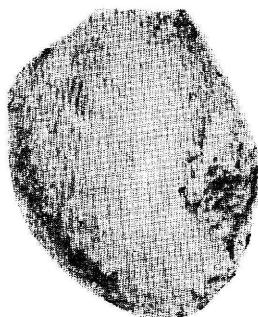
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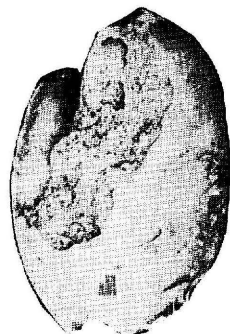
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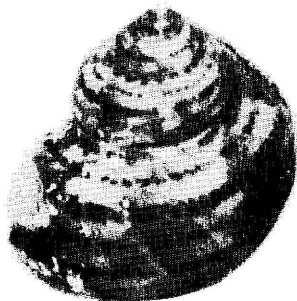
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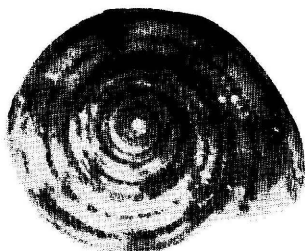
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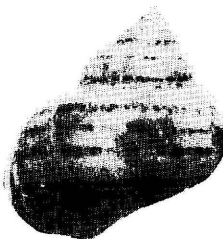
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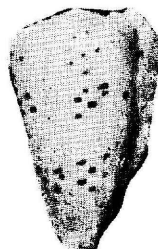
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