

Gloria Maris	44 (5)	116-117	Antwerpen, september 2005
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RED SEA MOLLUSCA

Part 22

Class : *Gastropoda*

Family : *Planaxidae*

*G. Verbinnen*¹ *M. Dirkx*²

Genus *Planaxis* Lamarck, 1822

1. *Planaxis sulcatus* (Born, 1778)

Fig. 6

Test. Mus. Caes. Vindob, (1780) p.258, pl. 10, figs. 5-6.

Originally described as *Buccinum sulcatum*

P. sulcata is widely distributed and very common throughout the searched areas. Usually the specimens occur intertidally on rocks, artificial piers and mangroves.

Remarks: After examination of numerous specimens, collected in the Indo-Pacific, there is no doubt that the species is very polymorphic, not only in coloration but also in structure. Within the range of this species we note differences in number of grooves, depth of grooves and smoothness of the surface.

In recent publications several authors consider the species occurring in the Red Sea as *P. griseus* (Brocchi, 1821). In our opinion we consider *P. pyramidale* Gmelin, 1791, *P. griseus* Brocchi, 1821, *P. undulata* Lamarck, 1822, *P. buccinoides* Deshayes, 1828, *P. breviculus*, *P. savignyi* Deshayes, 1844, *P. menkeanus* Dunker, 1861, *P. crassispira* Smith, 1872 and *P. subnigra* Nevill, 1884 as synonyms. It will be noticed that all the above-mentioned species are reducible to *Planaxis sulcata*.

Opmerking: Na een zorgvuldige studie van een zeer groot aantal exemplaren welke werden verzameld in de Indo-Pacific, bestaat er geen twijfel dat de soort zeer variabel is, zowel in kleur als in vorm. Binnen het verbreidingsgebied bemerken we verschillen in aantal groeven, diepte van de groeven en gladheid van de omgang.

In meer recente publicaties beschouwen verschillende auteurs de exemplaren uit de Rode Zee als zijnde *P. griseus* (Brocchi, 1821). In onze opinie zijn *P. pyramidale* Gmelin, 1791, *P. griseus* Brocchi, 1821, *P. undulata* Lamarck, 1822, *P. buccinoides* Deshayes, 1828, *P. breviculus*, *P. savignyi* Deshayes, 1844, *P. menkeanus* Dunker, 1861, *P. crassispira* Smith, 1872 en *P. subnigra* Nevill, 1884 synoniemen. Tevens merken we op dat alle vernoemde soorten tot *Planaxis sulcata* behoren.

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2. *Angiola punctostriata* (E.A.Smith, 1872)**Fig. 8**

Ann. N.H. (4) IX. pp. 7-46.

Originally described as *Planaxis punctostriatus*

Locally abundant in the searched areas. *A. punctostriata* inhabits the intertidal shore rocks and sheltered coast lines where they hide in holes and cracks.

Note: *A. punctostriata* is very similar to the West Indian species *P. lineatus* ss. (da Costa, 1778). The distinguished characteristics of the former are conspicuous, they differ by the spiral bands which are more numerous and narrower, the labial denticles are less pronounced than in the related *P. lineatus lineatus*.

Some authors regard *P. punctostriatus* synonym of *P. lineolata* Gould, 1849.

Average size: 4mm.

Nota: *A. punctostriata* is zeer sterk gelijkend op de West Indische soort *P. lineatus* ss. (da Costa, 1778). De karakteristieke eigenschappen van de eerstgenoemde zijn zeer opvallend.

De spiraalbanden zijn lichter geaccentueerd en talrijker. De labiale tanden zijn minder uitgesproken als bij *P. lineatus lineatus*.

Sommige auteurs beschouwen *P. punctostriatus* synoniem van *P. lineolata* Gould, 1849.