

*Key to expected Red Sea **Goniopora** (After Veron, 2000)*

Presented here as general illustration. The student is strongly advised to use the original source (p. 447-459)

Key to **Poritidae** Genera

Corallites < 2 mm diameter

Septa fused in non-cyclical pattern = Genus **Porites**

Septa not fused

Columella present = Genus **Stylaraea**

Columella absent = Genus **Poritipora**

Corallites > 2mm diameter

Skeleton robust, not very porous = Genus **Goniopora**

Skeleton delicate, very porous = Genus **Alveopora**

Key to **Goniopora** species

Colonies not encrusting

-Corallites > 5mm diameter

--Colony massive.

---Corallites with uneven walls = **G. stokesi** *

--Colonies branching or columnar

---Columella large

----Septa irregular = **G. columna***

---Columella small = **G. lobata** *

-Corallites 3-5 mm diameter

--Colony massive

---Corallites shallow = **G. pearsoni** **

--Colonies branching or columnar

--Colonies columnar

---Corallites shallow = **G. planulata** *

---Corallites excavated = **G. ciliatus** **

-Corallites < 3 mm diameter

--Colonies lobed

---Corallites excavated = **G. burgosi** **

--Colonies columnar = **G. savignyi** **

Colonies encrusting

-Corallites shallow

--Septa compact

---Columella broad = **G. somaliensis** *

---Columella not broad = **G. tenella***

G. lichen apparently synonymous with **Porites lichen**

* Species reported for Red Sea (Veron, 2000)

** Species reported from Sinai (Veron, 2000)