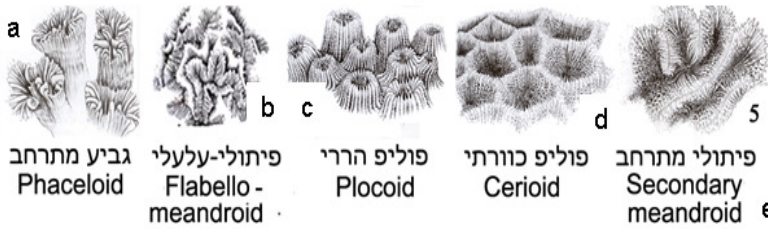


Key to expected Red Sea *Platygyra* species (after Veron, 2000)*

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



Credit: G. Kelly AIMS. איור X צורות של גביעי אלמוגי אבן.

Key to *Platygyra* Species

Colonies monocentric or have short valleys

- walls thick, rounded
- Valleys not contorted
- Columella well developed = *P. crosslandi***
- Columella weakly developed = *P. pini***
- walls not thick, rounded
- Valleys mostly monocentric
- Columella well developed = *P. carnosus****

Colonies meandroid

- Walls thick, rounded = *P. lamellina*.
- Walls not contorted
- Septa irregularly exsert = *P. daedalea*
- Septa not irregularly exsert.
- Top of wall acute = *P. acuta****
- Top of wall not acute = *P. sinensis****

**Leptoria* differs from *Platygyra* by having wall-like paliform lobes

** Species reported from the Red Sea (Veron, 2000)

*** Species reported from Sinai (Veron, 2000)

P. subdentata and *P. rustica* not in Veron's list

Family Faviidae

Key to Faviid Genera

Colonies phaceloid

--Corallite small (> 5 mm diameter) = *Caulastrea*

Colonies flabello-meandroid = *Erythrastrea*

--Colonies massive or derived from massive

--Budding intratentacular or meandroid

---Colonies plocoid

----Corallites not exsert = *Favia*

--Corallites exsert = *Favia*(=*Barbattoida*) *amicorum*

Colonies cerioid to secondarily meandroid

--Paliform lobes present

--Paliform lobes not prominent = *Favites*

--Paliform lobes prominent

---Valleys < 10 mm across = *Goniastrea*

-Paliform lobes absent or weakly developed. Paliform lobes spongy

---Ambulacral groove absent = *Platygyra*

--Paliform lobes wall-like = *Leptoria*

--Budding extratentacular

--Corallite small (< 4 mm diameter)

--Corallites crowded = *Cyphastrea*

--Corallites not crowded = *Plesiastrea*

--Corallites middle-sized

--Corallites plocoid

---Colonies submassive

----Septa do not alternate = *Montastrea*

--Corallites cerioid = *Leptastrea*

Corallites large, conspicuous

--Corallites plocoid = *Diploastrea*

--Corallites explanate to branching = *Echinopora*