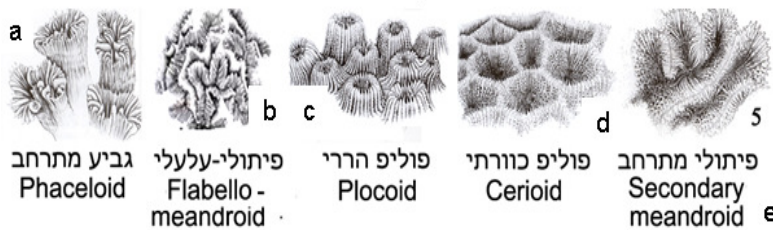


Key to expected Red Sea *Caulastrea* & *Erythrastrea* species (after Veron, 2000)*

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



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

גביע מתרחב Phaceloid פיתולי-עלעלי Flabello-meandroid פולפ הררי Plocoid פולפ כוורתי Cerioid פיתולי מתרחב Secondary meandroid

Credit: G. Kelly AIMS

Key to *Caulastrea* species

Colonies phaceloid

- Corallite small (> 5 mm diameter) = *Caulastrea*
- Corallites > 10 mm diameter
- Corallites short = *C. tumida*
- Corallites long = *C. connata* *

Key to *Erythrastrea* species

Colonies flabello-meandroid = *Erythrastrea*

Only one species = *E. flabellata* **

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

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

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*