

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

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

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 exert = *Favia*

--Corallites exert = *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

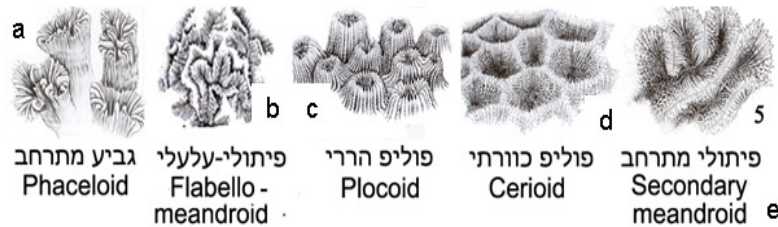
----Septa do not alternate = *Montastrea*

--Corallites cerioid = *Leptastrea*

Corallites large, conspicuous

--Corallites plocoid = *Diploastrea*

--Corallites explanate to branching = *Echinopora*



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

Key to *Cyphastrea* species

Colony massive

-12 primary septa

--Costae equal or subequal = *C. serailia*

--Costae alternate = *C. chalcidium*

10 primary inner septa = *C. microphthalma*

6 primary inner septa = *C. hexasepta* *

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