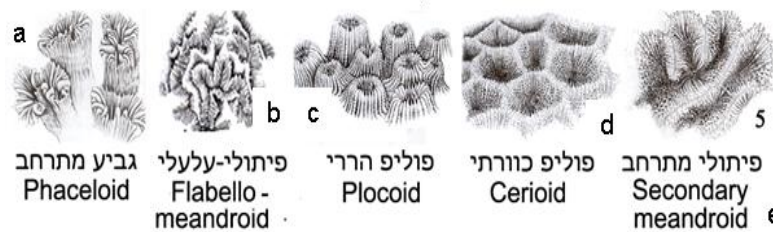


Key to expected Red Sea *Leptastrea* species (after Veron, 2000)*

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



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

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

Key to *Leptastrea* Species

Budding extratentacular. Corallites cerioid

Corallites circular

-Primary septa not equal or subequal

---Septa in three distinct cycles = *L. inaequalis*

---Colonies massive to encrusting.

--- Septa not in three distinct cycles = *L. bottae*

Corallites angular

-Primary septa not very exert

--Septa have plunging inner margins = *L. transversa*

--Septa do not have plunging inner margins

---Septa have granulated (frosted) sides = *L. pruinosa**

--Septa do not have granulated sides = *L. purpurea*

* Species reported from Sinai peninsula (Veron, 2000)

Not in Veron's (2000) list = *L. solida*

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*