

Key to expected Turbinaria species (after Veron, 2000)

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

Family Dendrophyllidae

Key for Genera

Corallites are red, yellow or brown-black due to lack of symbiotic algae (Azooxanthellate)

Corallites are green-yellowish due to symbiotic algae (zooxanthellae)

Colony attached to substrate.

-Colony with fronds or encrusting = **Genus *Turbinaria***

--Colony composed of Branches

---Branches do not subdivide = **Genus *Balanophyllia* (also an azooxanthellate coral)**

Colony not attached to substrate = **Genus *Heteropsammia***

Key for Genus *Turbinaria*

Colony not encrusting

- Corallites > 4 mm diameter

- Corallites < 4 mm diameter

--Fronds unifacial,

---Fronds not contorted

----Colony surface smooth = ***T. reniformis***

----Colony surface not smooth = ***T. frondens*** *

---Fronds contorted = ***T. mesenterina***

--Frond bifacial (not in our region)

Colony encrusting to submassive

--Colony surface not smooth

---Corallites conspicuously exert = ***T. irregularis*** *

---Corallites not conspicuously exert = ***T. stellulata****

* reported from Red Sea (Veron, 2000)