

yellow ^{Winged} ~~streak~~ ^{shaggy} pinus **POLLINATION**
 (Sulphur Shower)

ABIOTIC FACTORS

Water pollination

HYDROPHILY

ANEMOPHILY

Air/Wind pollination

(Anemophilous flower)

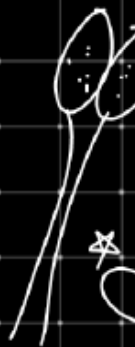
Pollengrain

⇒ Small, light weight

⇒ Non sticky (dry)

(Stamen - well exposed)

easily disper of pollengrain through Air ^{current} _{wind}



Stigma

Large, Hairy

Style-tassels

Feathery stigma

(easily trapped to pollengrain)

Mucilagenous (Sticky)

Anemo → flower (unisexual)

Epiphydrophily

Hypohydrophily

NEET

Exception - Water hyacinth (Eicchornia)
 or
 Water lily
 (insect and wind)

* Wind pollination most common pollinal in abiotic factor

Wind pollination quite in grasses

Examples - Gymnosperm (pinus),
Maize, coconut, papaya,
Sugarcane, Bamboo, date palm etc.



NEET

HYDROPHILY

Water pollination

Epiphythily

on the surface of water
eg - Vallisneria
(Dioecious)
(Unisexual)

pedicel (stalk) - female coiled long

Male flower: Stamen, Anther - pollen grain, Bursting - (inflorescence) pollen grain reach inside in the water (pollination)



Seagrasses Hypohydrophily

inside the H₂O

eg - Zostera, Hydrilla
(Submerged Hydro. in water)

cyclic leaf is present

Marine water

Zostera

