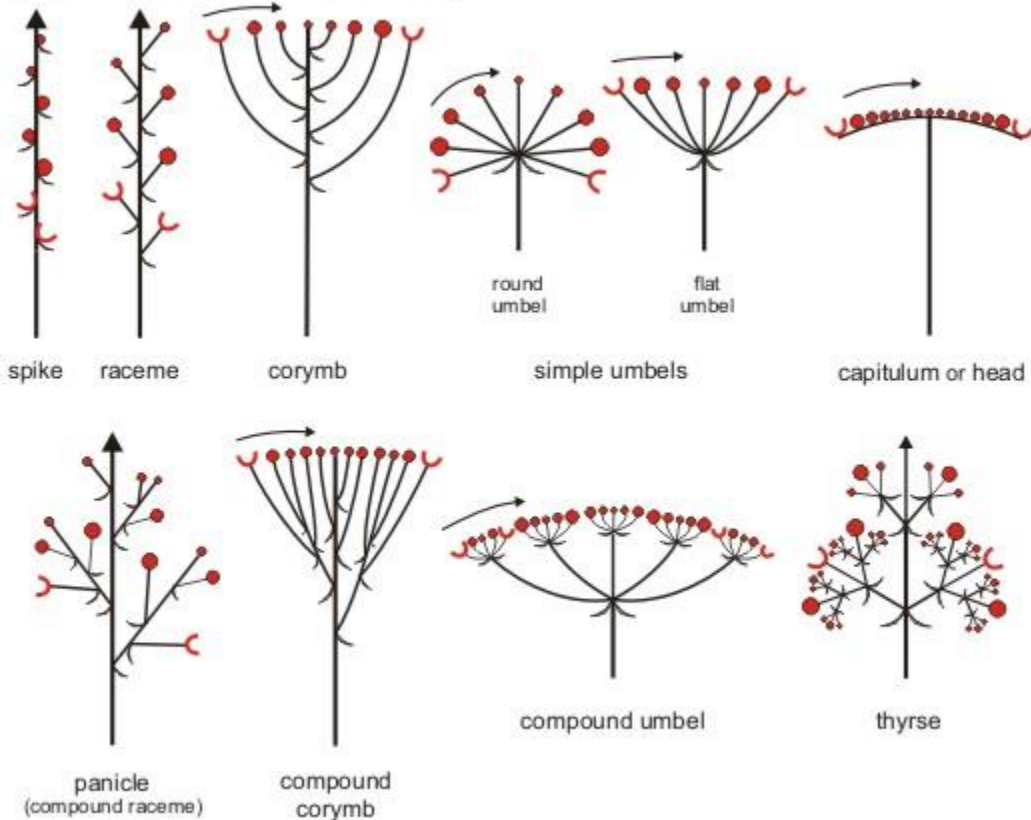


Types of Inflorescence (Floral structure)

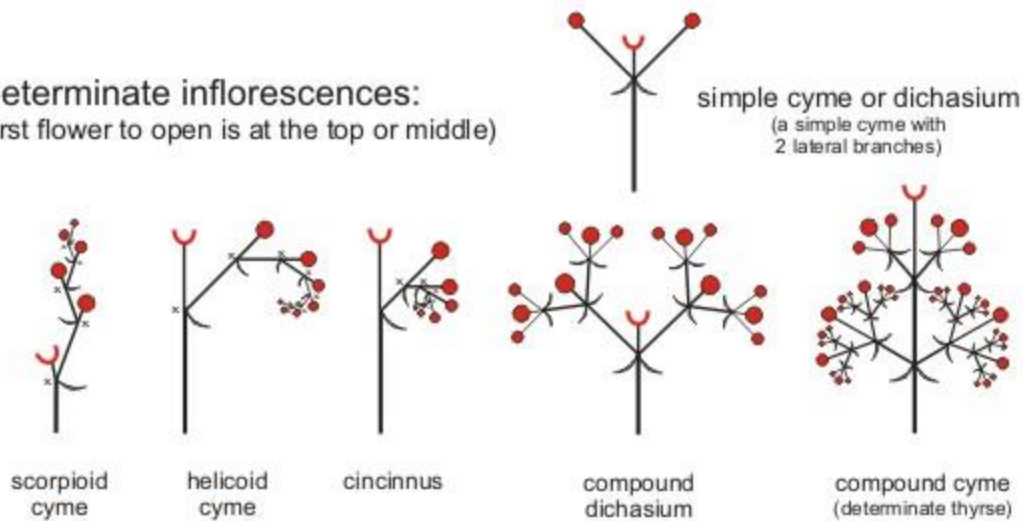
Indeterminate inflorescences:
(first flowers to open are at the base)



- **Spike** - an elongate, unbranched, indeterminate inflorescence with sessile flowers.
- **Spikelet** - a small spike, characteristic of grasses and sedges.
- **Raceme** - an elongate, unbranched, indeterminate inflorescence with pedicelled flowers.
- **Panicle** - a branched raceme.
- **Corymb** - a flat-topped raceme with elongate pedicels reaching the same level.
- **Compound Corymb** - a branched corymb.
- **Umbel** - a flat-topped or rounded inflorescence with the pedicels originating from a common point. Umbels can be determinate or indeterminate.
- **Compound Umbel** - a branched umbel, with primary rays arising from a common point, and secondary umbels arising from the tip of the primary rays.
- **Capitulum** (or head) - a dense vertically compressed inflorescence with sessile flowers on a receptacle and subtended by an involucre of phyllaries, characteristic of the Asteraceae. Heads can be determinate or indeterminate.
- **Thyrse** - a many-flowered inflorescence with an indeterminate central axis and many opposite, lateral dichasia; a mixed inflorescence, with determinate and indeterminate shoots.

Types of Inflorescence (Floral structure)

Determinate inflorescences:
(first flower to open is at the top or middle)



- **Simple Cyme or Dichasium** - a determinate inflorescence with 2 dichotomous lateral branches and pedicels of equal length.
- **Compound Dichasium** - a branched dichasium
- **Compound Cyme** - a determinate thyrses.
- **Helicoid Cyme**(or bostryx) - a determinate cyme in which the branches develop only on 1 side, due to the abortion of opposing paired bud, the inflorescence thus appearing simple.
- **Cincinnus** - a tight, modified helicoid cyme in which the pedicels are very short.
- **Scorpioid Cyme**(or rhipidium) - a zig-zag determinate cyme with branches developing alternately on opposite sides of the rachis, due to abortion of opposing paired bud.