Inflorescences - Floral Displays



The vast majority of flowering plants possess flowers in clusters called an inflorescence.

These clusters facilitate pollination via a prominent visual display and more efficient pollen uptake and deposition.





A shift from widely spaced single flowers to an inflorescence required condensation of shoots and the loss of the intervening leaves.

inforescence type would thus be indeterminate with the oldest flowers at the base and the younger flowers progressively closer to the apical meristem of the shoot.

= a racem



















(Eriogonum or false buckwheat - famil Polygonaceae) - Ben's plants









Helianthus or sunflower









The **cyme** characterizes specific families - most notably the Caryophyllaceae - the pink or carnation family . . .



(*Silene* or campion)







The monochasium is most often seen in compound orm as a scirpoid inflorescence. The Boraginaceae (Virginia bluebell family) is haracterized by this distinctive inflorescence.



(Mertensia or bluebell)





Inale catkini

[male catkin] (*Quercus* or white oak)



(Symplocarpus or skunk cabbage)

Arisaema or Jack-in-the-pulpit