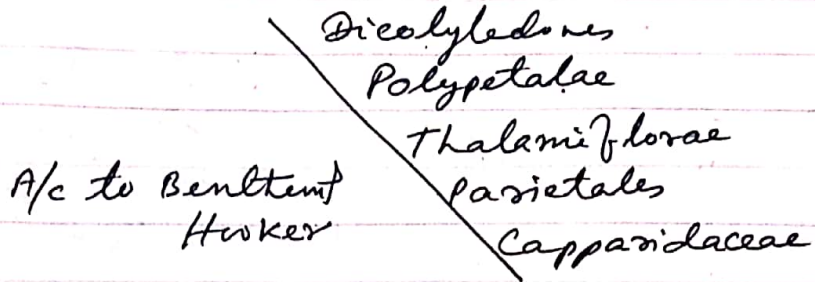


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## Capparidaceae

Systematic Position :-



Introduction :- The family includes about 45 genera & few spp. The plants are normally found in tropical and warm countries.

Habit :- Annual or perennial, Herb, shrub, climber or tree, tree (eg Crataeva)

Root :- Tap root system (dissected)

Stem :- Solid, green, cylindrical, hairy, branched & herbaceous or woody in case of tree.

Leaf :- Petiolate, simple or palmate, Compound leaf (3-5 leaflets) (Gynandropsis)

Leaflet - obovate, green, hairy, reticulate, venation alternate. In some case leaf is suppressed - eg - Capparis decidua.

Inflorescence :-

Raceme - Cleome

Corymb - Maczua

or Umbel - Capparis sepiara

Corymbose Raceme - Gynandropsis

Flower :- Pedicellate, Bracteate, Bisexual, Complete, Regular, Hypogynous, white or coloured, Distinct androphore & Gynophore in case of Gynandropsis. Zygomorphic in case of Capparis decidua.

Calyx :- Sepal-4, arranged in two whorles, green, inferior, imbricate aestivation, free.

Corolla :- petal=4, free, white or coloured, petal divided into spreading claw & long limb. inferior, imbricate or valvate aestivation.

Claw  
Limb.

Stamen :- No. of stamen is variable (From 4 to indefinite)

In case of Gynandropsis - 6  
Cleome - 4 to 8

Anther - Purplish or Brown in colour. Androphore (Internode between petal & stamen) & Gynophore present.

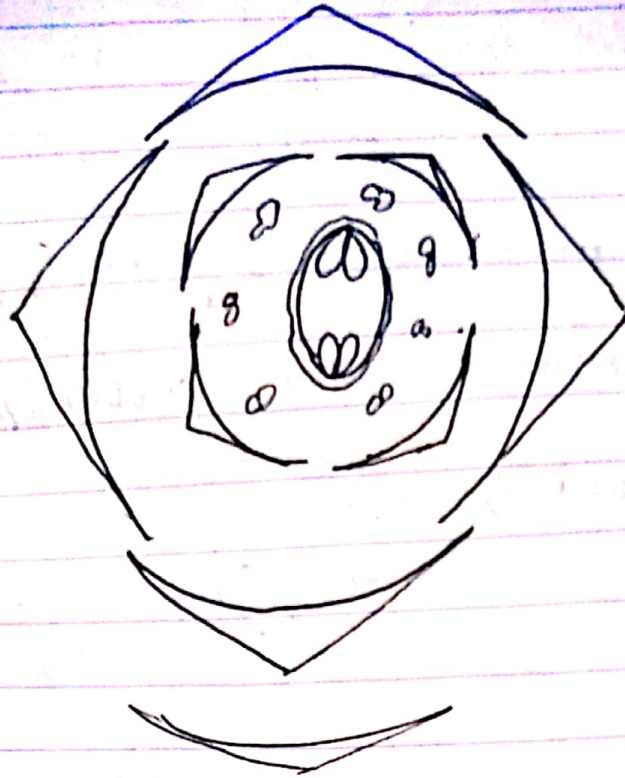
In case of Capparis, only Gynophore (internode between stamen & carpel from)

Gynoecium :- ovary seated on a long Gynophore in case of — Gynandropsis.

Bicarpellary, Syncarpous, ovary superior, one chambered, parietal placentation, ovules many, Stigma sessile & Capital.

Fruit :- Siliqua or Siliqua like Capsule.





Plants :-

(A) Sada hurhur.

Gynandropsis gynandra  
(syn G. pentaphylla)

(i) It is used in fever cough.

(ii) Hurhur - Cleome viscosa

(iii) It is used as stimulant,  
carminative.

(iv) Kabra - Capparis spinosa

(v) It is used in liver dis-order,  
spleen dis-order.

(vi) Varuna - Crataeva religiosa

(vii) It is medically used. Leaf  
is offered to God.