

Familia: *Asteraceae*



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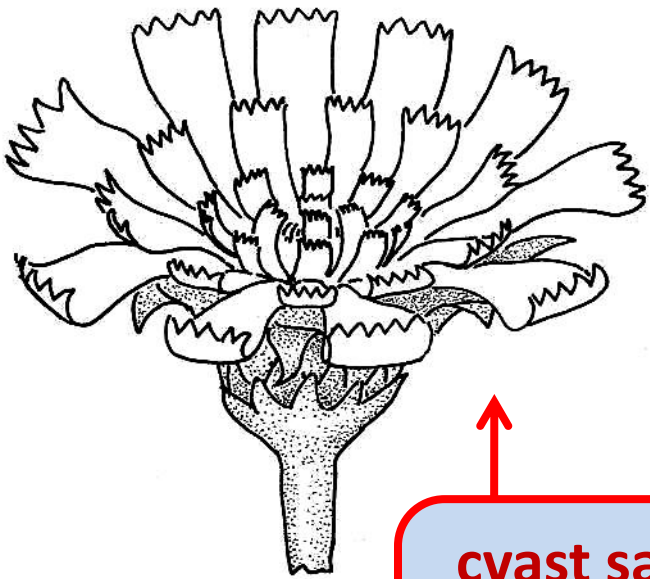
- cvast tipa *glavice*



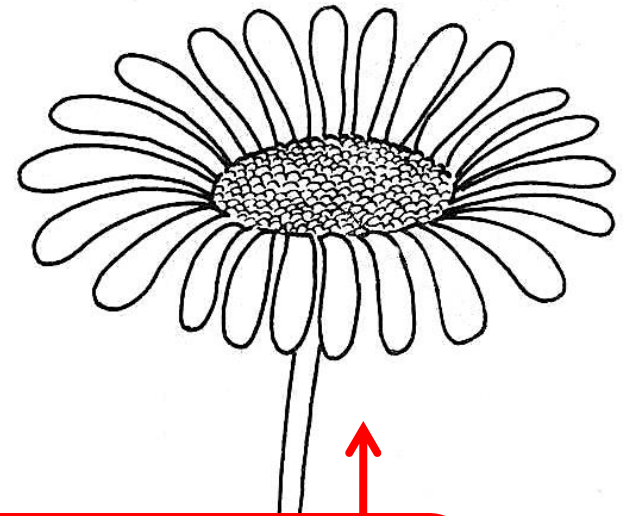
- tipična čašica *ne postoji*; ili odsustvuje ili se razvija u vidu dlaka - *papus*

- plod je *roška* (*ahenija*)



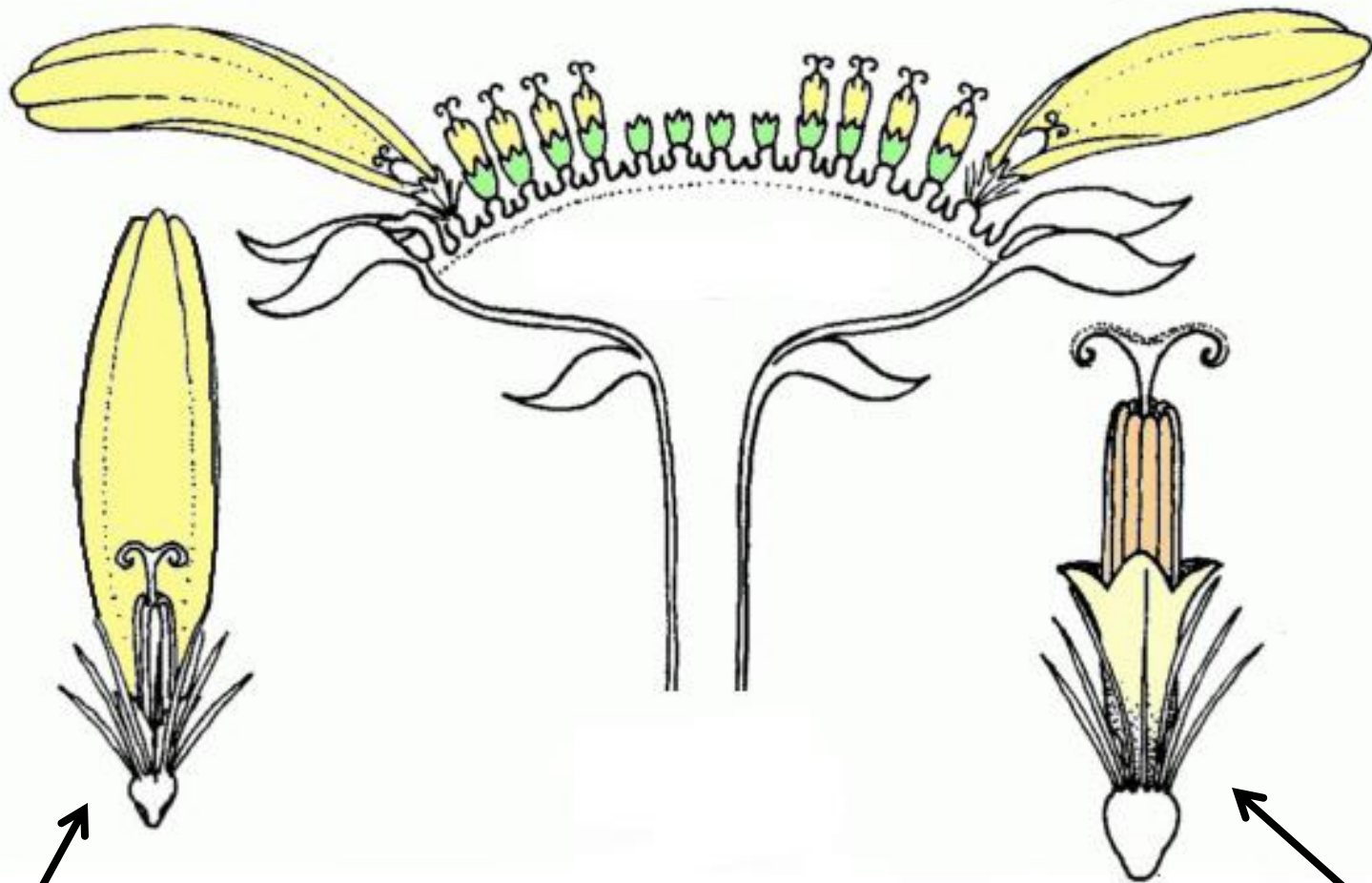


**cvast sastavljena
samo od jezičastih
cvjetova**



**cvast sastavljena od
jezičastih i cjevastih
cvjetova**





jezičasti
cvijet

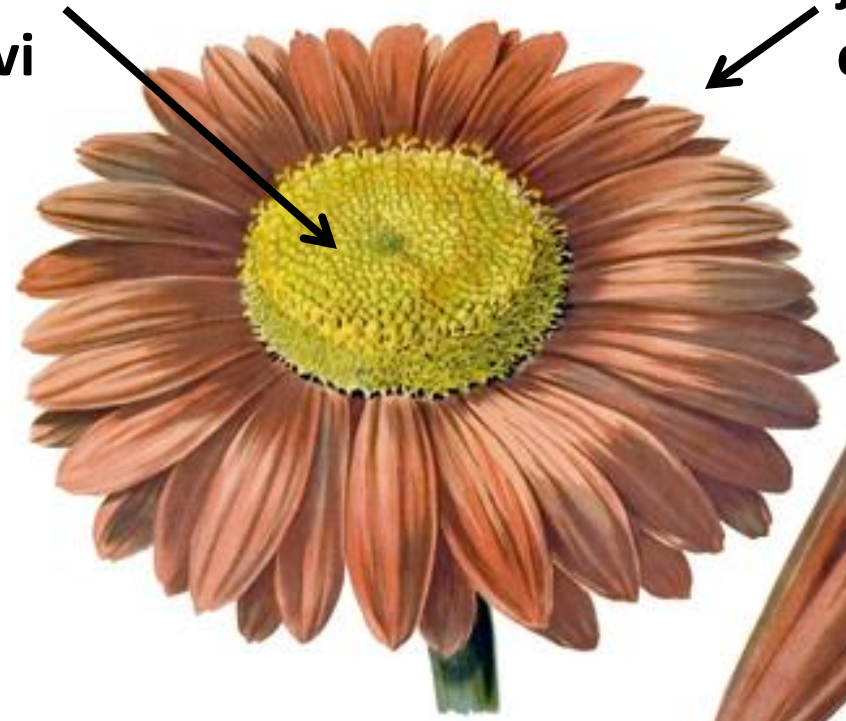
cjevasti
cvijet

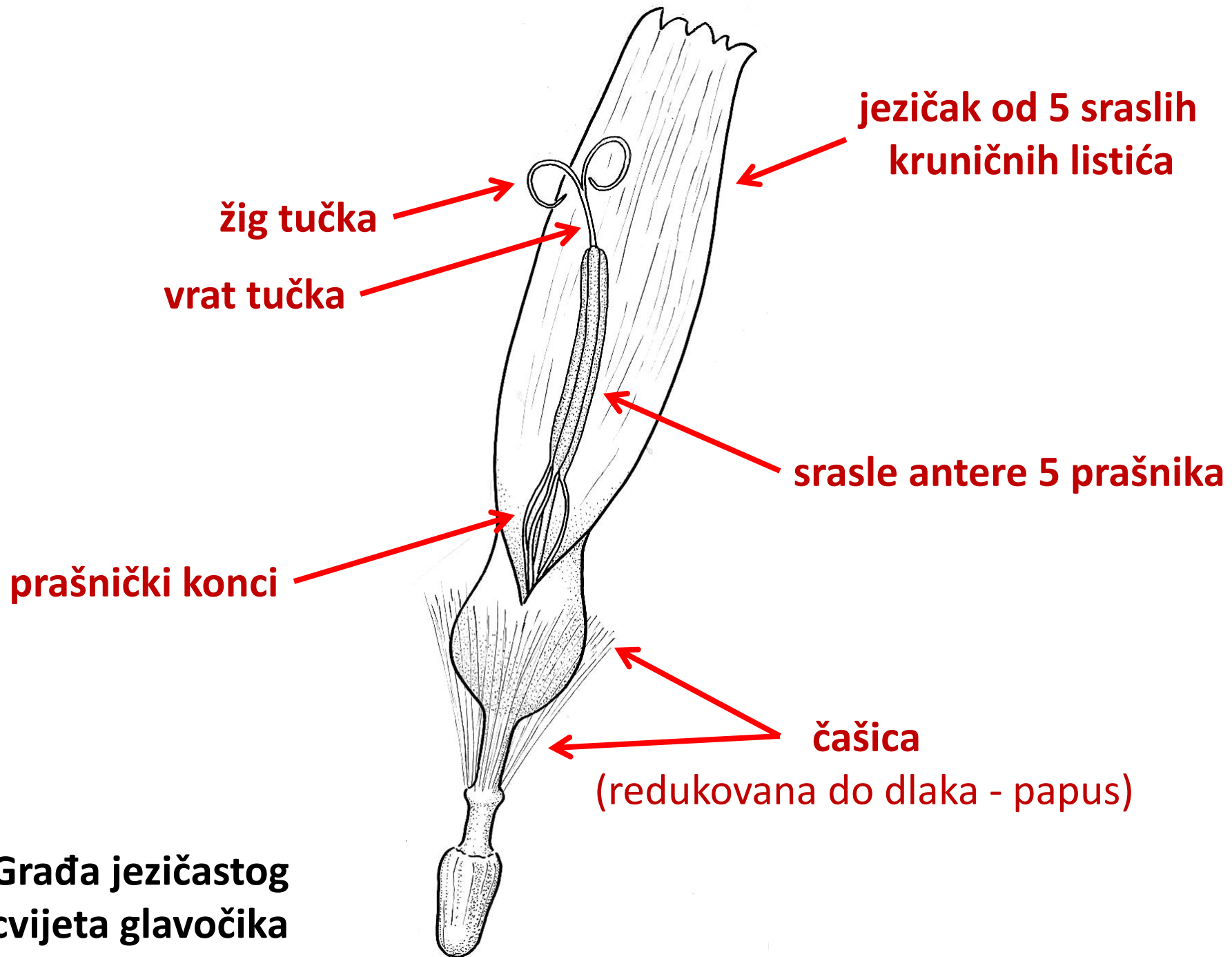
**cjevasti
cvjetovi**

**jezičasti
cvjetovi**

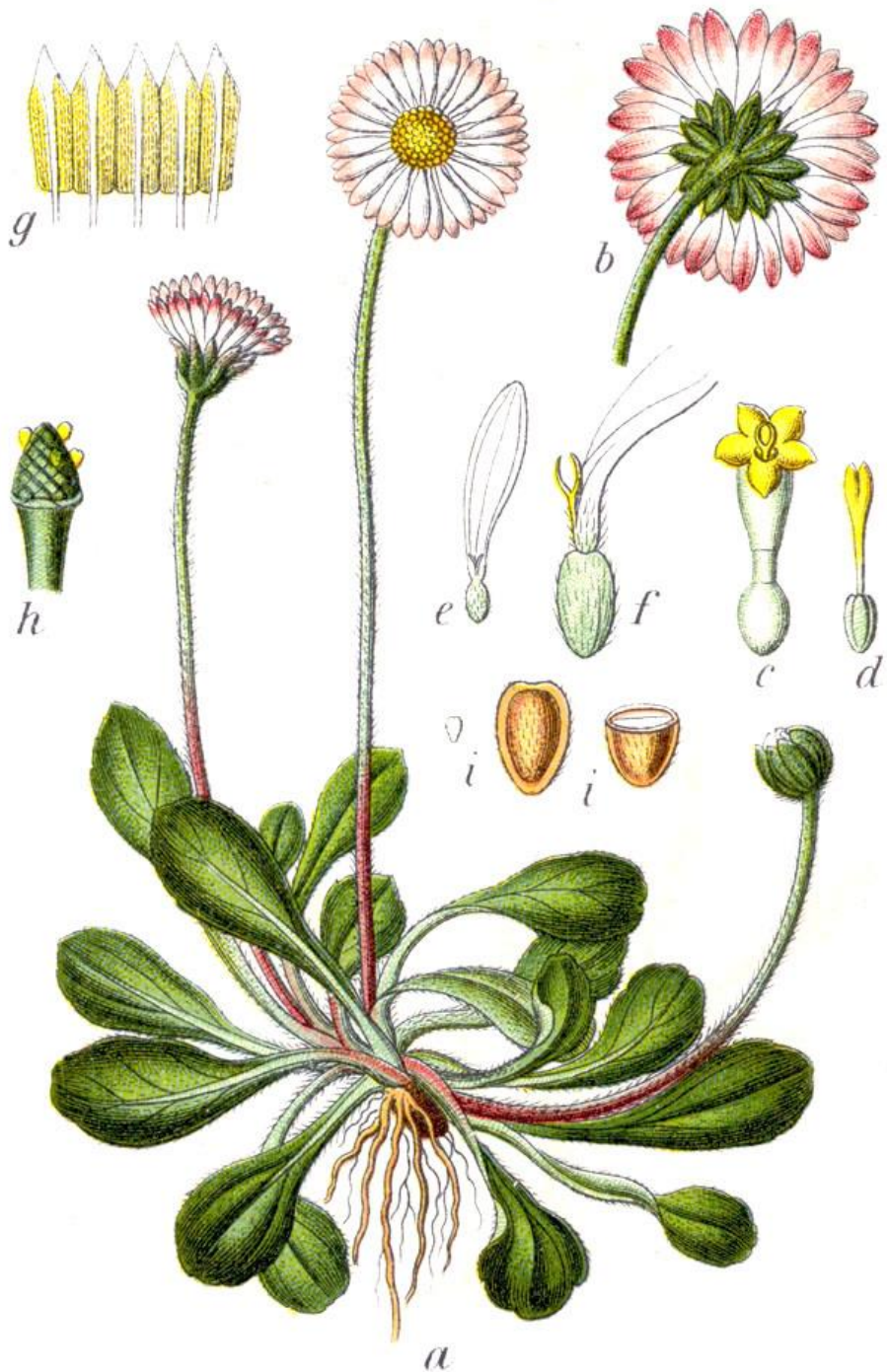
**jezičak
(ligula)**

**krunični listići
srasli u cijev**





**Građa jezičastog
cvijeta glavočika**



Bellis perennis, Asteraceae

Monopodijalne cvasti:

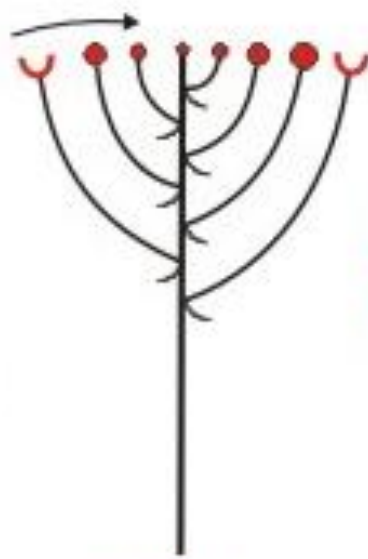
- grozd (*racemus*), pr. *Capsella bursa-pastoris*
- klas (*spica*) i složeni klas, pr. *Plantago* spp.
- klip (*spadix*), pr. *Arum* spp.
- resa (*amentum*), pr. *Salix* spp.
- gronja (*corymbus*), pr. Rosaceae
- štit (*umbella*) i složeni štit, pr. Apiaceae
- glavica (*capitulum*), pr. *Bellis perennis*
- metlica (*panicula*), pr. Poaceae



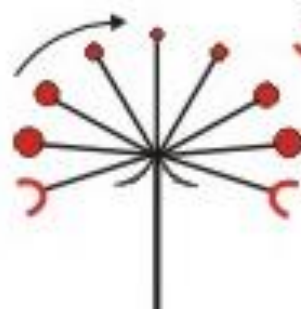
klas



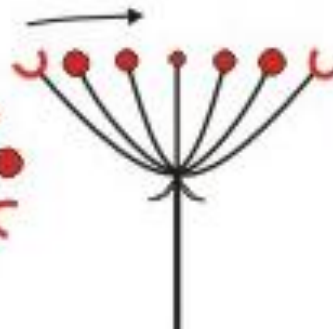
grozd



gronja



prost štit



glavica



metlica



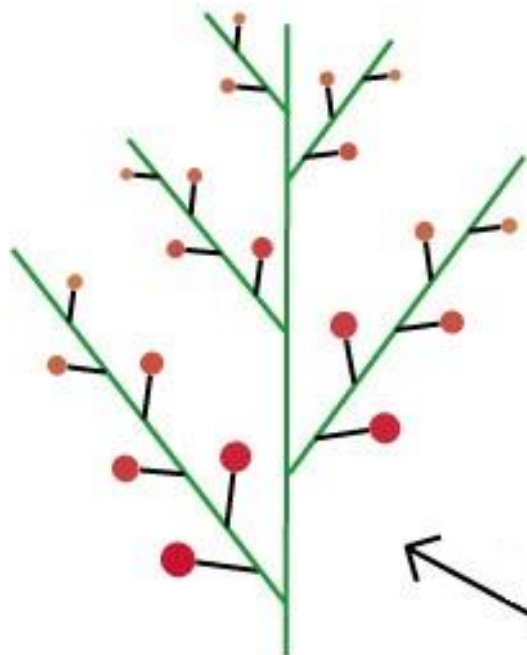
složena gronja



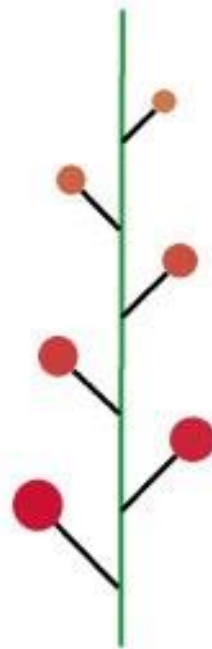
složeni štit



složena metlica



metlica



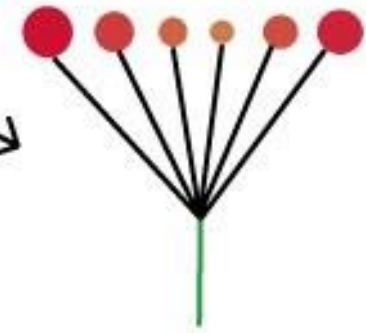
grozd



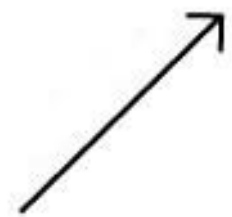
klas



glavica



štiti





grozd



klas



klip



resa



gronja



štit



glavica



metlica



grozd



klas



složeni štit



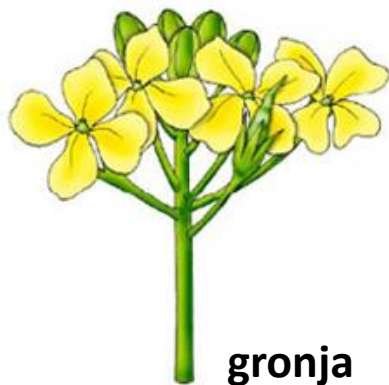
štit



resa



klip



gronja



glavica



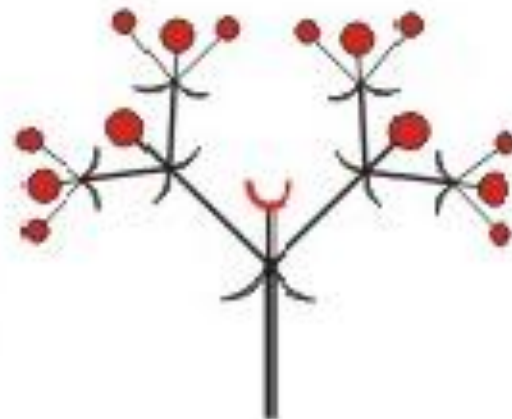
metlica

Simpodijalne cvasti:

- plejohazijum (prividni štit), pr. *Sambucus nigra*
- dijazijum (račvica), pr. Caryophyllaceae
- monohazijum (simpodijum),
 - uvojak (*bostryx*),
 - krivudarka (*cincinus*),
 - lepeza (*rhipidium*),
 - srp (*drepanium*).



**jednostavni
dihazijum**



**složeni
dihazijum**



krivudarka



srp



uvojak



plejohazijum



dihazijum



uvojak



krivudarka



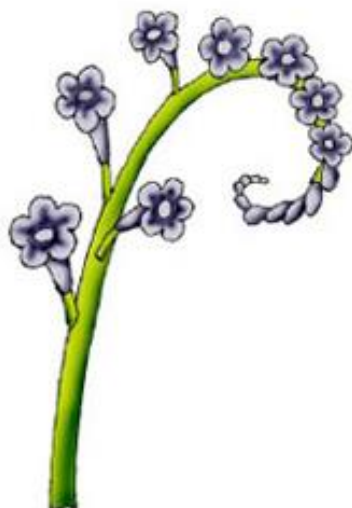
lepeza



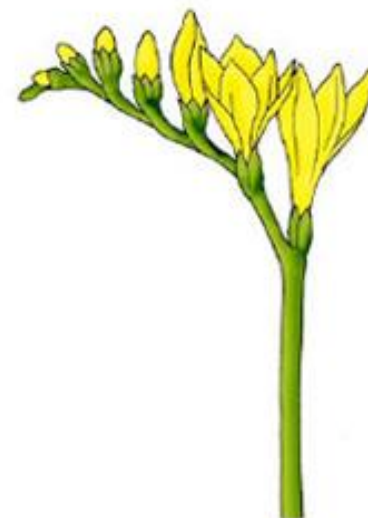
srp



monohazijum



uvojak



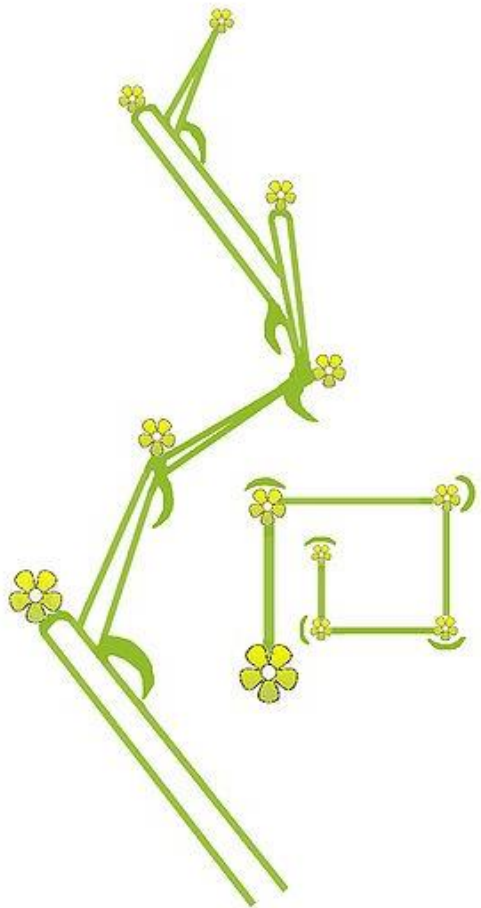
srp



dihazijum



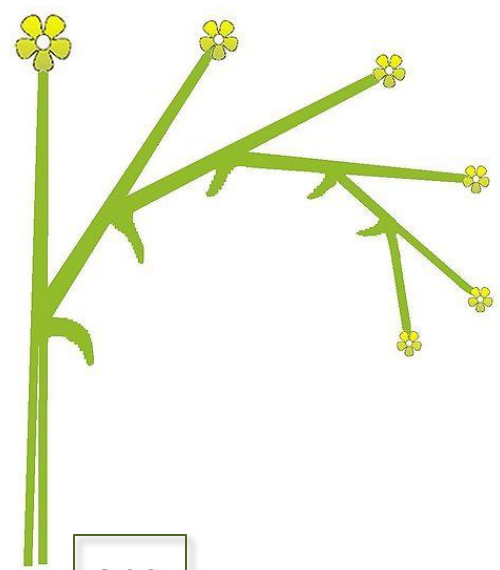
složeni dihajijum



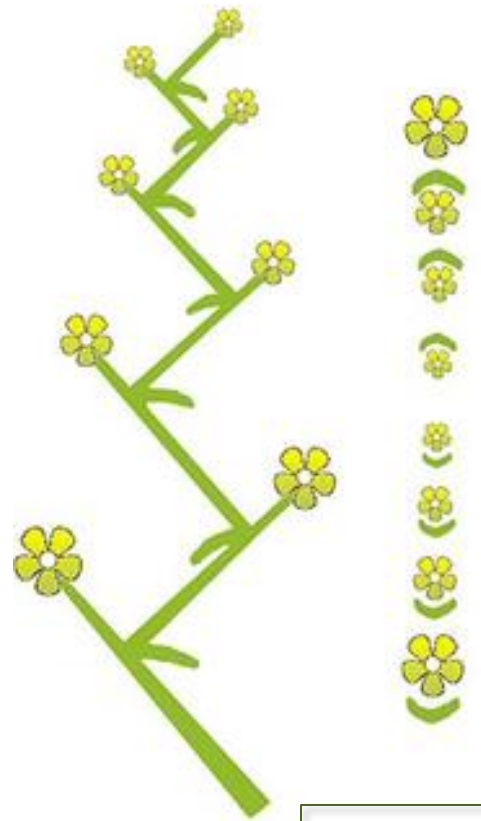
uvojak



krivudarka

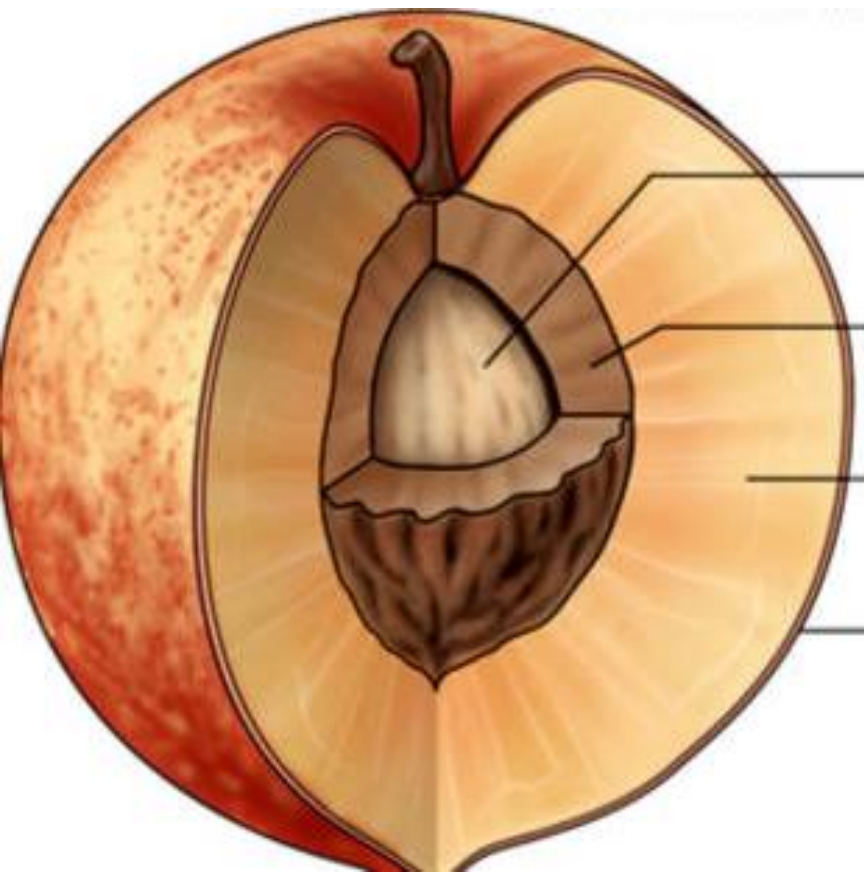


srp



lepeza





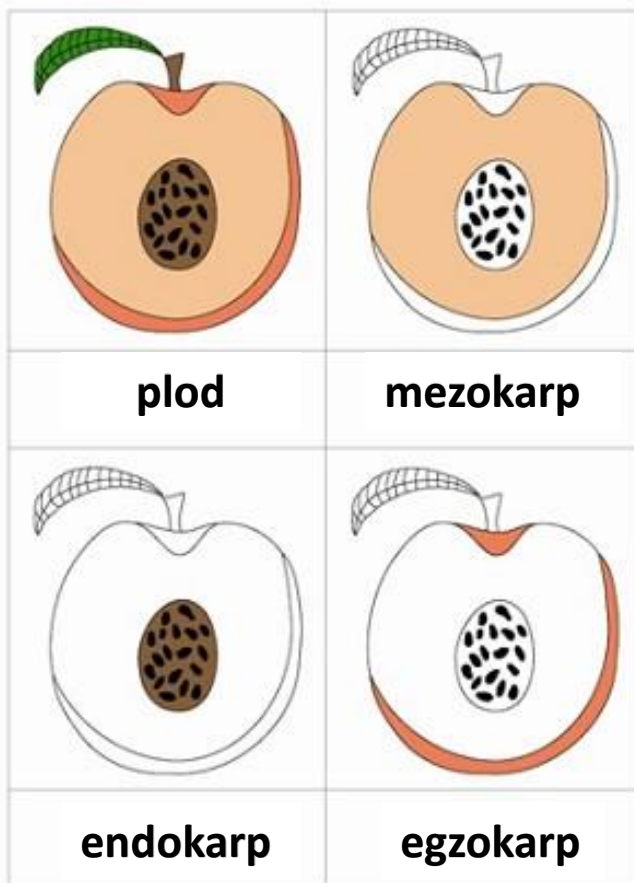
sjeme

endokarp

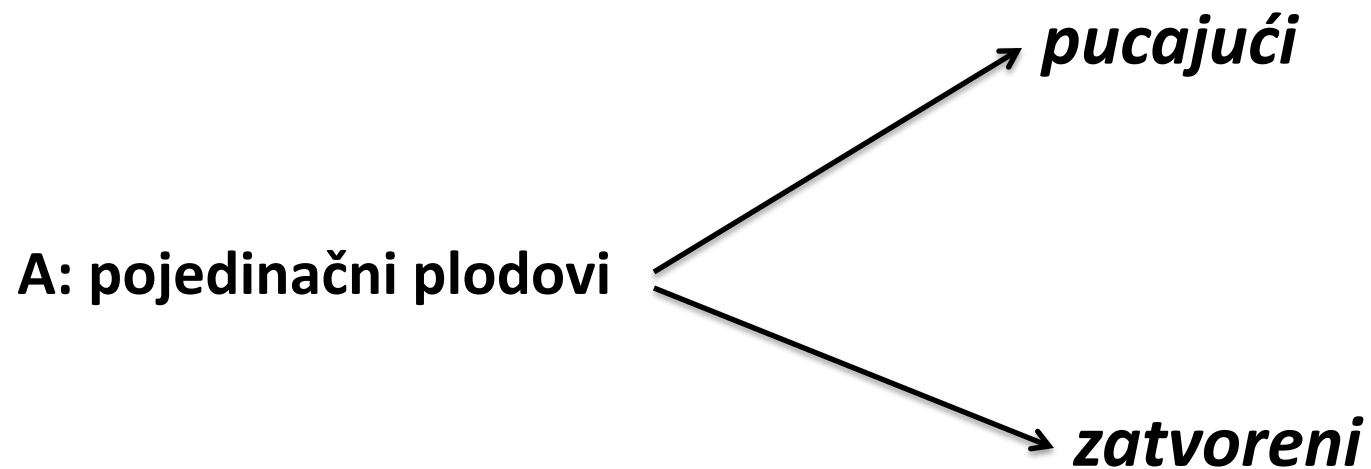
mezokarp

egzokarp

perikarp



Tipovi plodova



B: zbirni plodovi

C: plodovi cvasti

Pojedinačni plodovi

nastaju samo iz jednog plodnika

I Pucajući

Miješak (*foliculus*), pr. *Helleborus* spp.

Mahuna (*legumen*), pr. Fabaceae

Čaura (*capsula*)

Čaura koja se otvara porama, pr. *Papaver* spp.

Čaura koja se otvara kapcima

Čaura sa zupcima

Čaura sa poklopcem

Ljuska (*siliqua*), pr. Brassicaceae

Ljuščica (*silicula*), pr. Brassicaceae

miješak



mahuna



ljuska



ljuščica



čaura

Pojedinačni plodovi

nastaju samo iz jednog plodnika

II Zatvoreni

Suvi zatvoreni plodovi

Orašica (nux), pr. *Quercus* spp.

Cijepajući (chizocarpium), pr..

Podijeljeni (carcerulus mericarpium)

Mesnati zatvoreni plodovi

Koštunica (drupa)

Bobica (bacca), pr. *Citrus* spp.



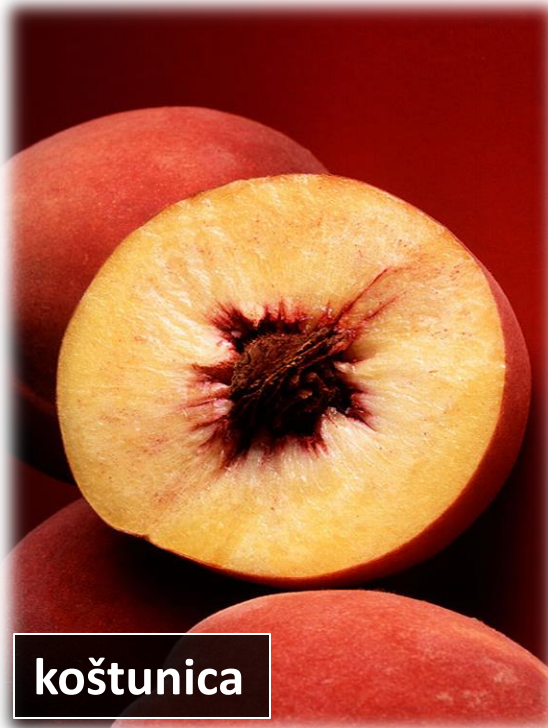
orašica



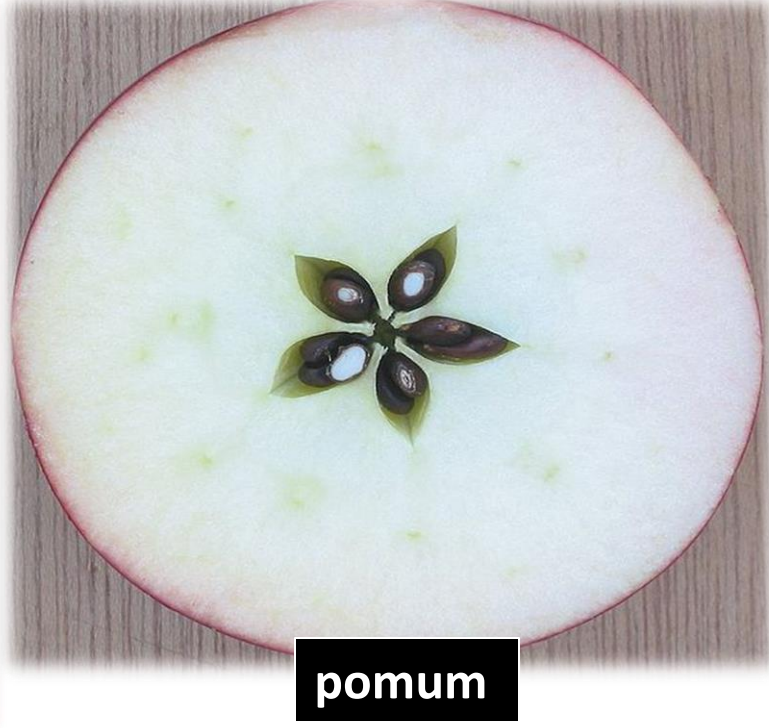
šizokarpium



podijeljeni



koštunica



pomum



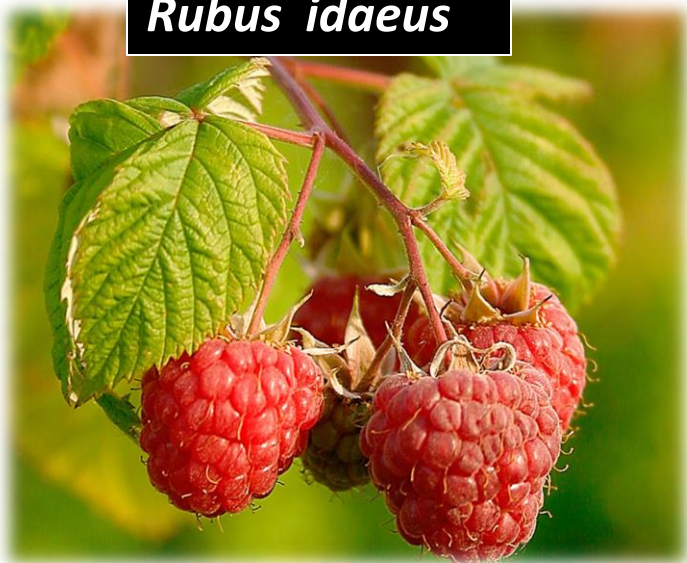
bobica

Rosa spp.

Zbirni plodovi

nastaju od apokarpnog plodnika

Rubus idaeus



Rubus caesius



Fragaria vesca



Ficus carica

Plodovi cvasti



Morus spp.



Ananas spp.