

Uvod u sistematiku skrivenosjemenjača (Angiospermae, Magnoliidae)

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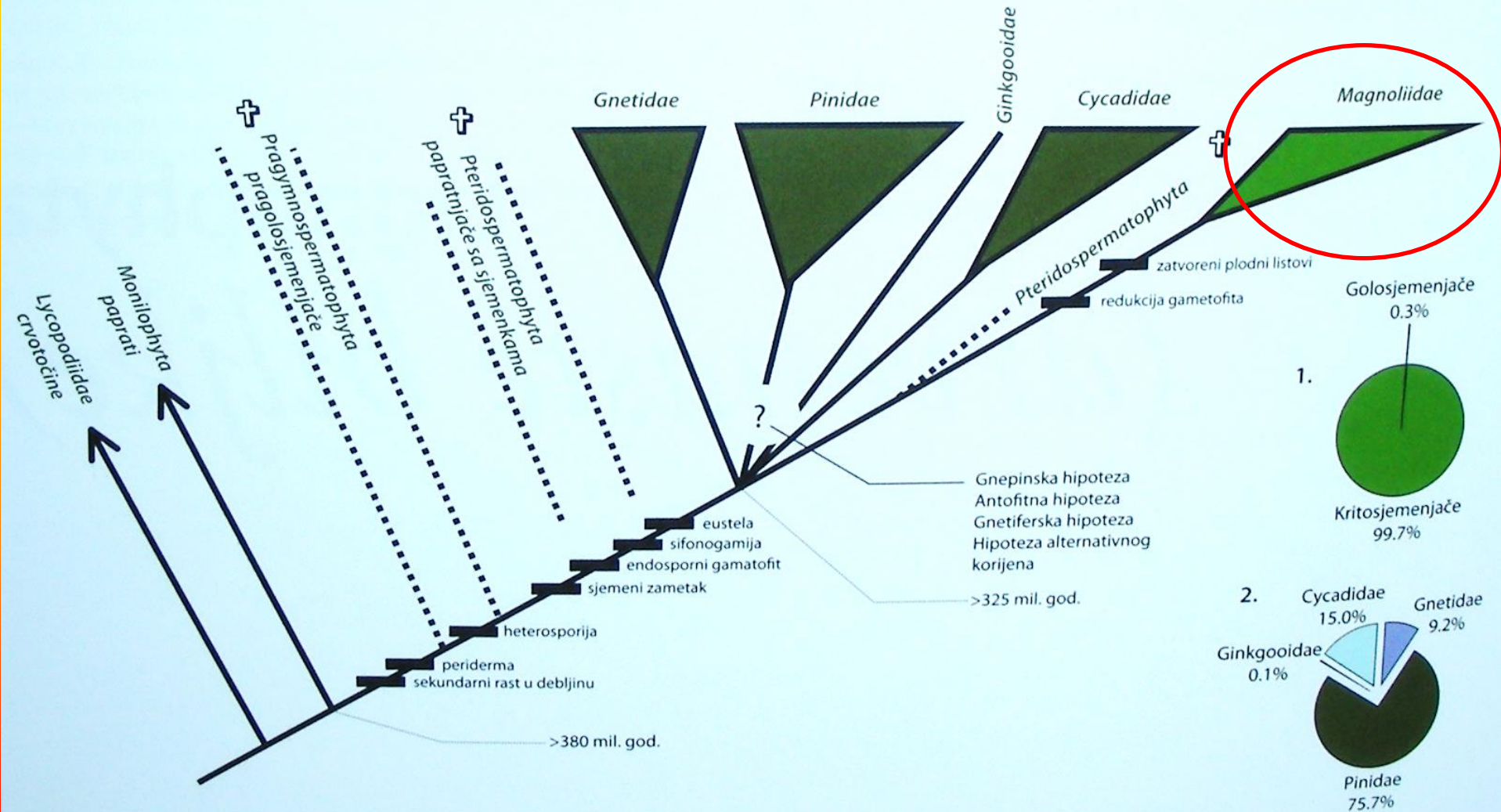
Predavanje I, 13.02.2020.

drvenaste biljke (*Lignophyta*)

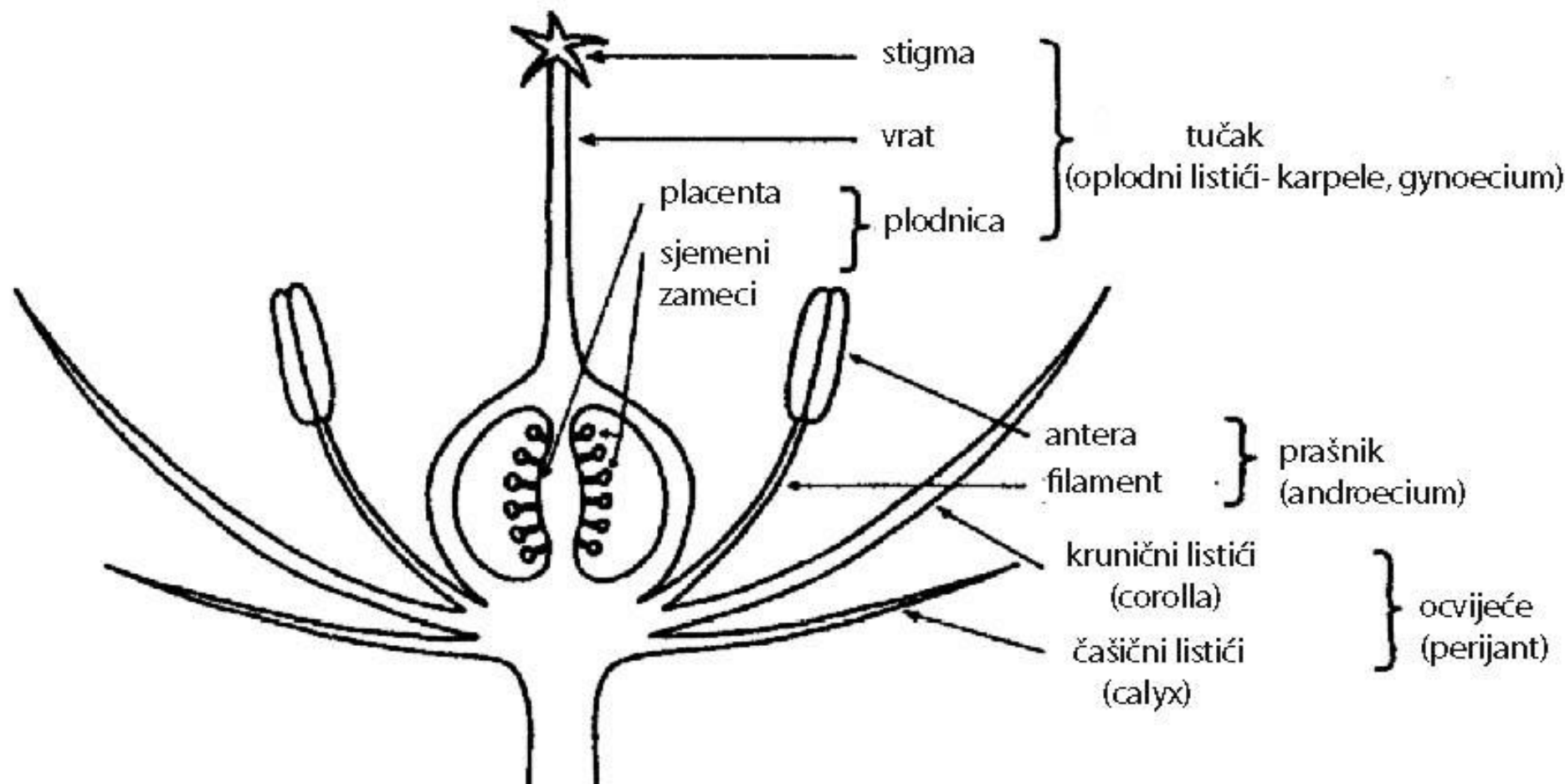
sjemenjače (*Spermatophyta*)

golosjemenjače (*Gymnospermae*)

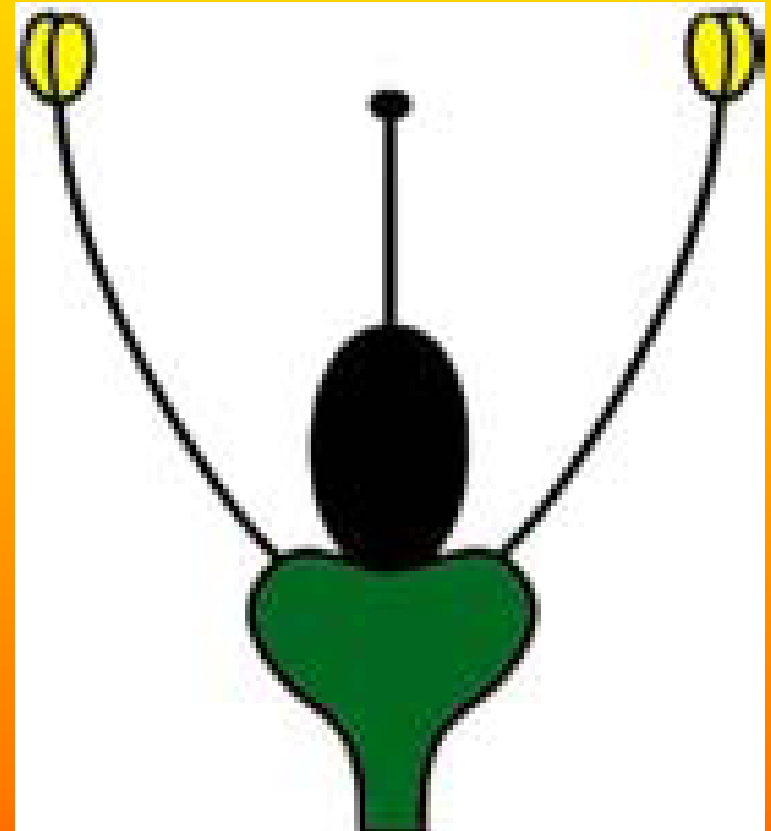
kritosjemenjače (*Angiospermae*)

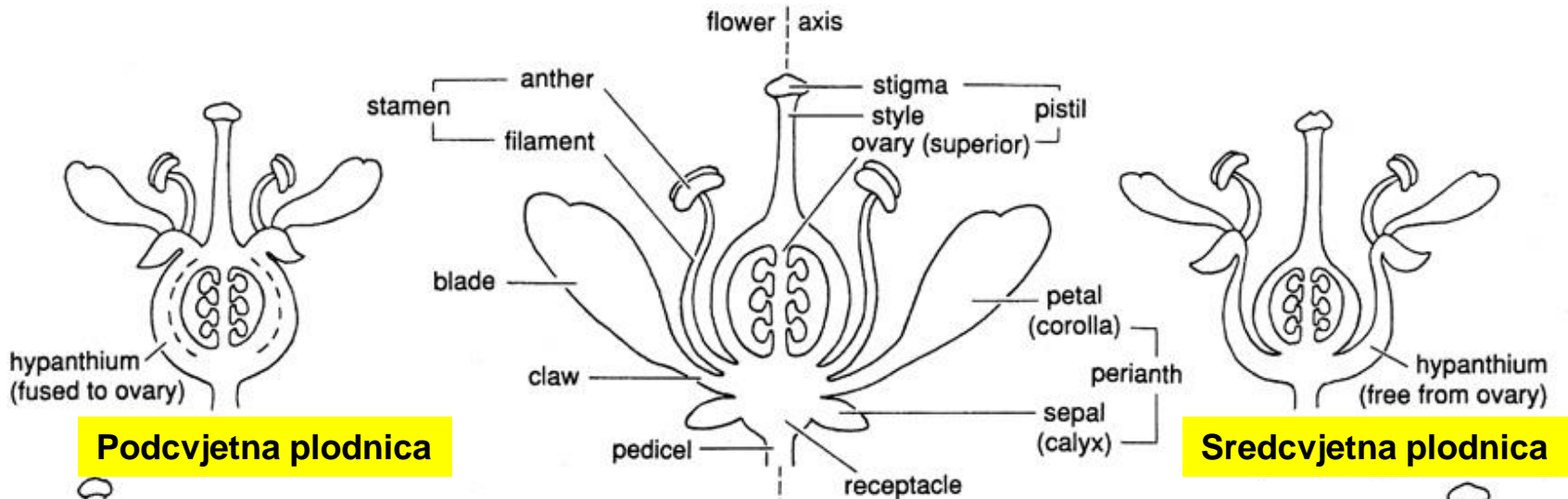


Građa heterohlamidnog cvijeta



Homohlamidani i ahlamidani cvijet

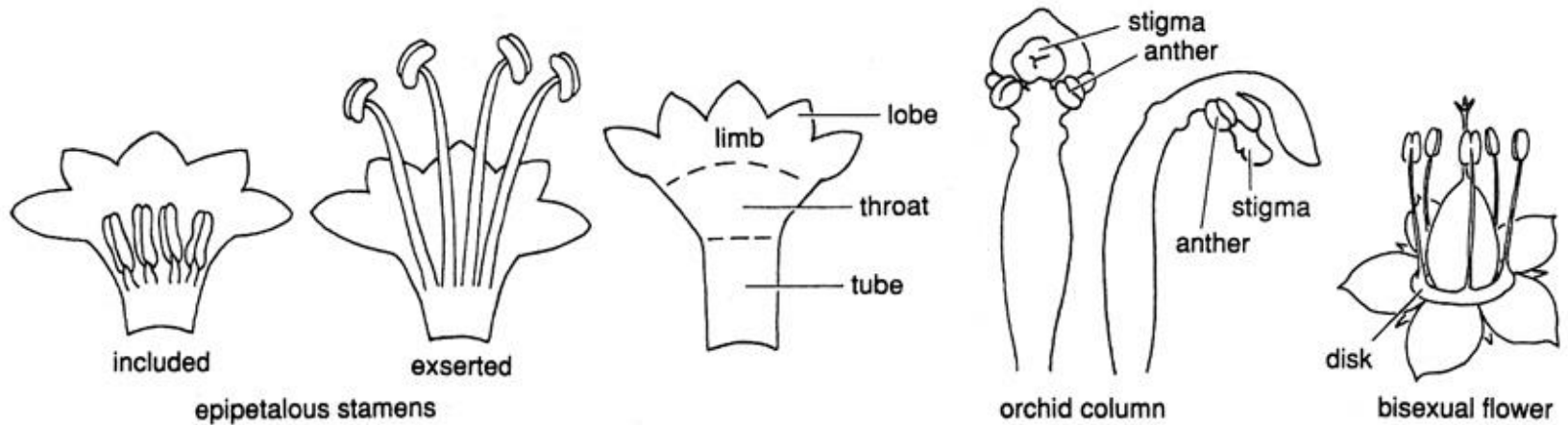
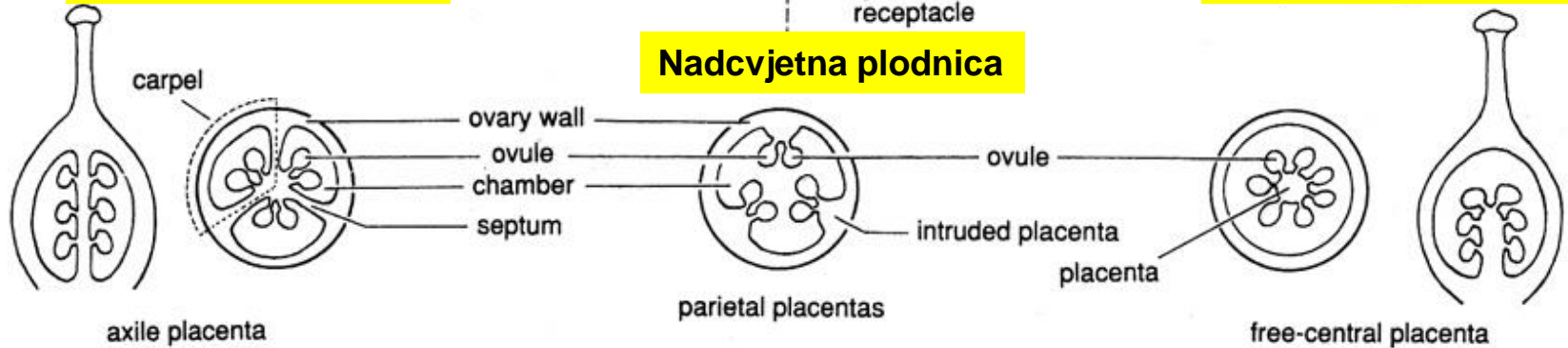




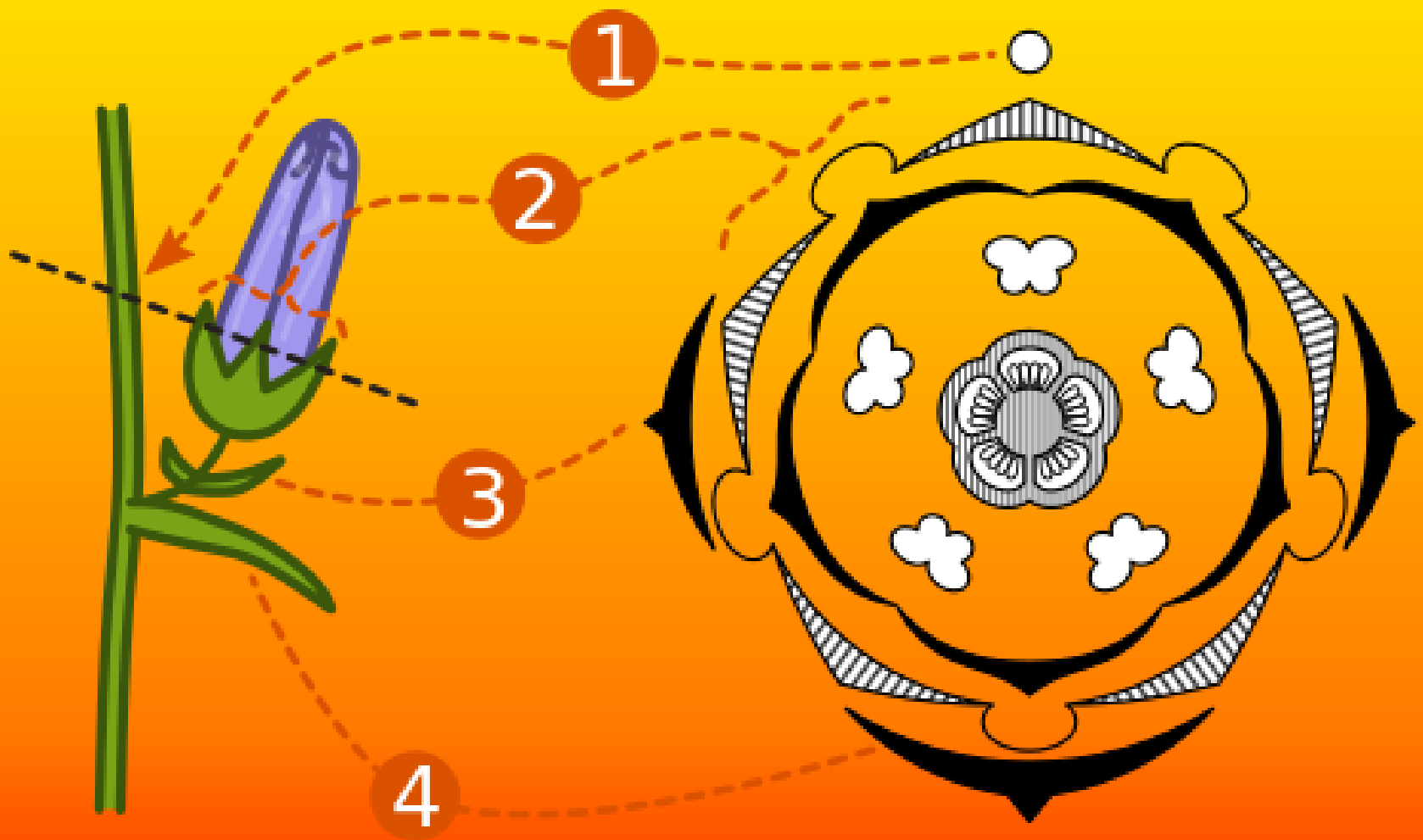
Podcvjetna plodnica

Sredcvjetna plodnica

Nadcvjetna plodnica



Cvjetni dijagram



Cvjetna formula

- *- višesimetričan cvijet
- ↑- jednosimetričan cvijet
- K – calyx
- C- corolla
- P- perigon
- A- andreceum
- G- gyneceum
- n- broj elemenata
- ∞- veliki broj elemenata
- G n/- nadrasla plodnica, G/n- podrasla plodnica
- Gn- apokarpna plodnica, G(n)- sinkarpna plodnica
- ()- srastanje elemenata istog tipa, []- srastanje elemenata različitih krugova

Postanak cvjetnih djelova

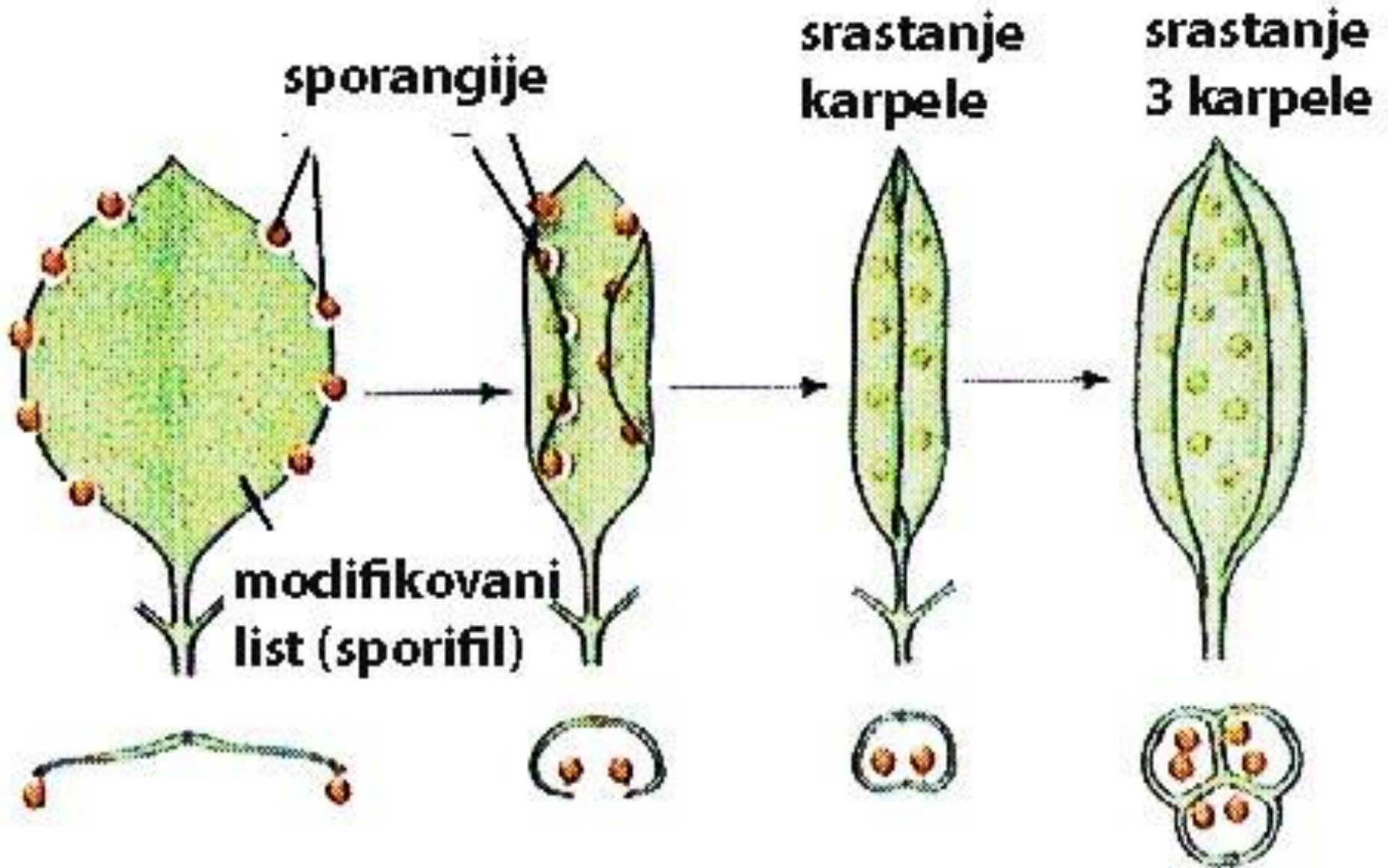
- cvijet= izmijenjeni izdanak sa listovima
- čašica nesumnjivo vodi porijeklo od listova, dok se porijeklo kruničnih listića izvodi od sterilnih listolikih prašnika.

Sterilni prašnici, koji prelaze u listiće krunice tzv. andropetalna krunica

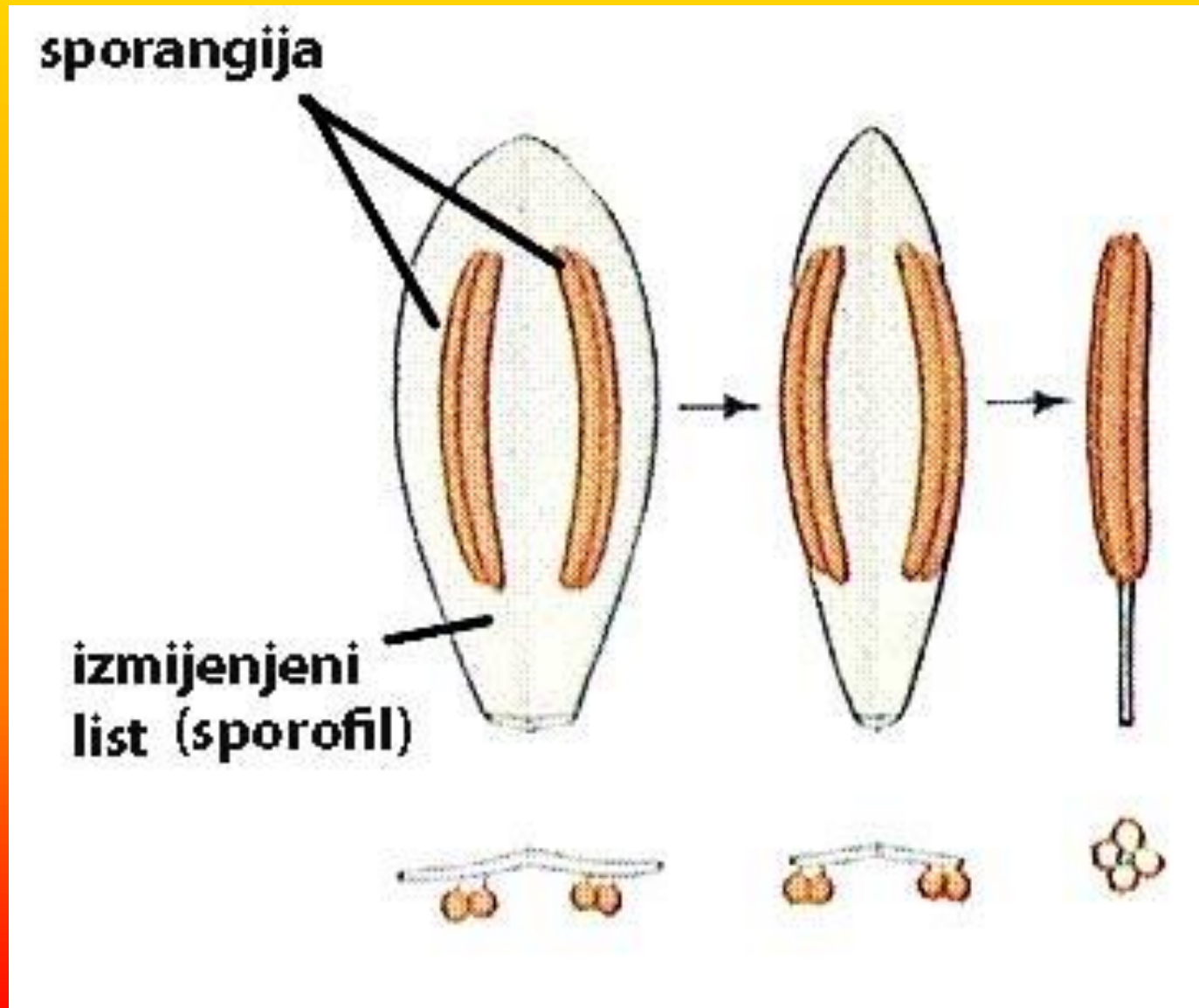
Fertilni prašnici



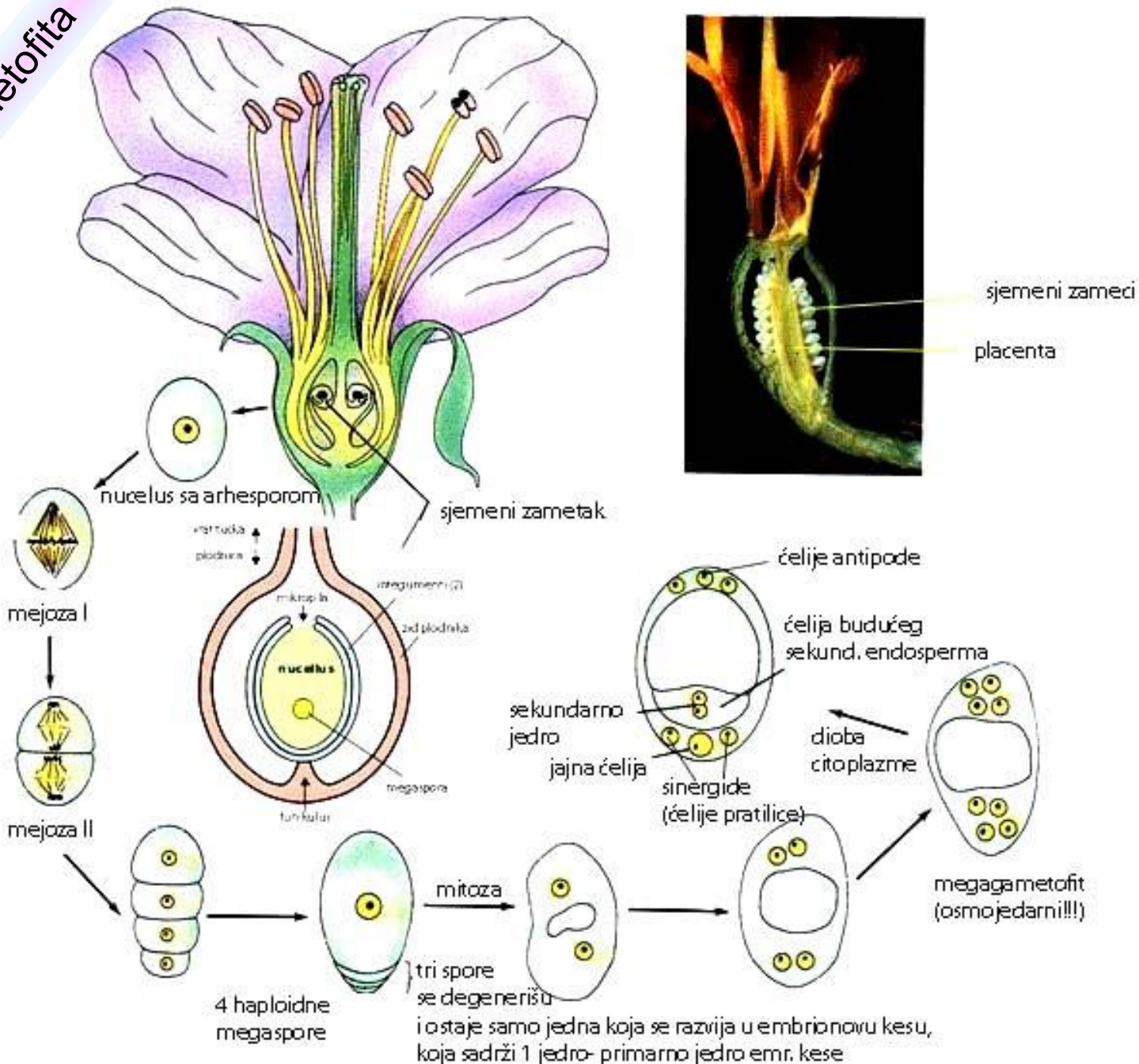
Postanak oplodnih listića- plodnika



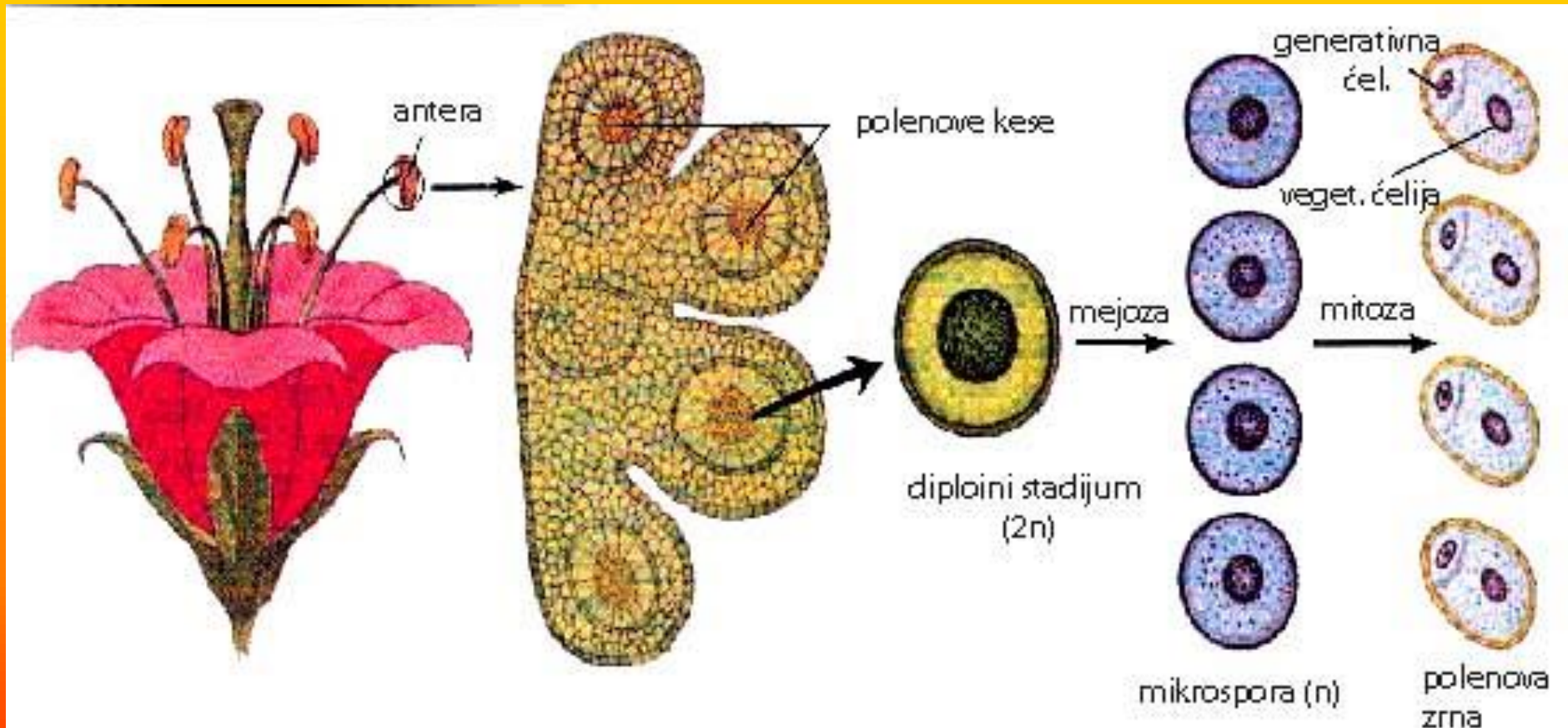
Postanak prašnika



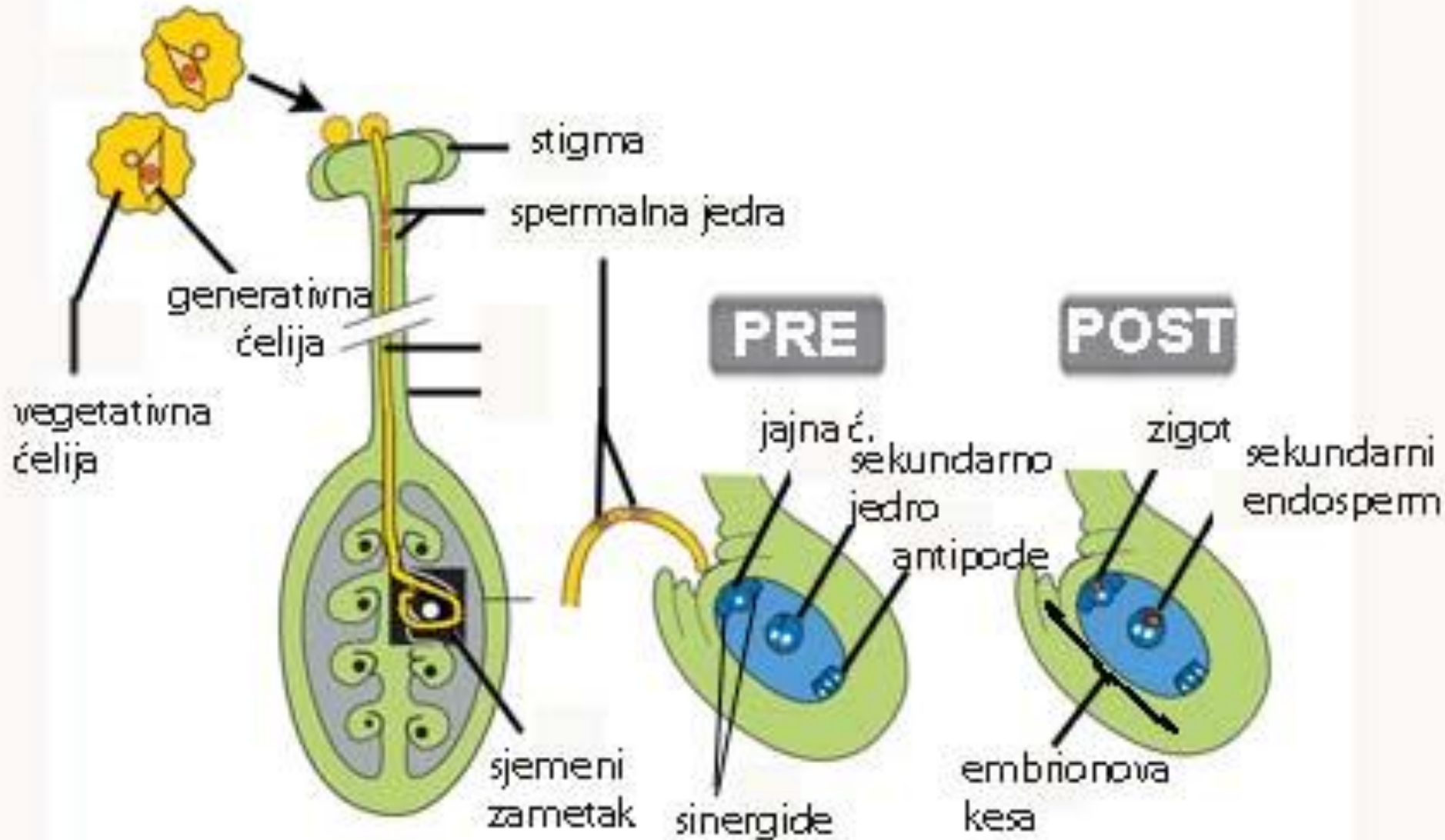
Razviće ženskog gametofita



Razviće muškog gametofita



Akt oplodnje



kritosjemenjače (*Angiospermae*)

središnje kritosjemenjače (*Mezangiospermae*)

dvosupnice

dvosupnice

bazalne kritosjemenjače
ANITA linija

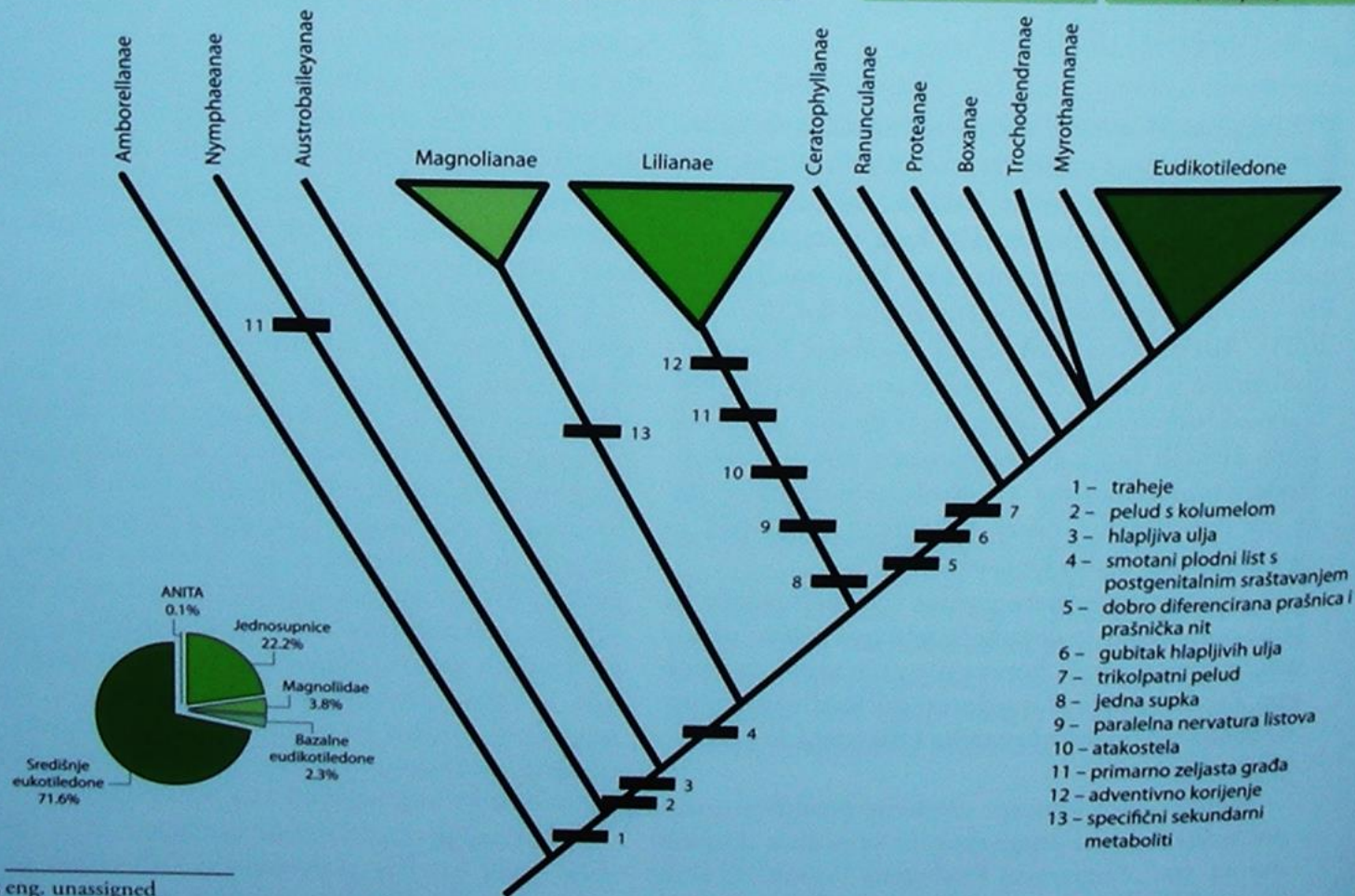
magnolidni
kompleks

jednosupnice

prave dvosupnice (eudikotiledone)

bazalne eudikotiledone

središnje eudikotiledone
(trikolpate)



245 eng. unassigned
246 eng. bracked taxa
247 eng. core eudicots