

# ORHIDEJE ORCHIDS

OŠ Preska – Preska Primary School





# *DISTRIBUTION*

- Orchids are a diverse and widespread family flowering plants with beautiful and colorful blooms.



# *DISTRIBUTION*

- 21.000-30.000 species, 900 genera
- The family also encompasses about 6–11% of all seed plants.

Oceania: 50 to 70 genera

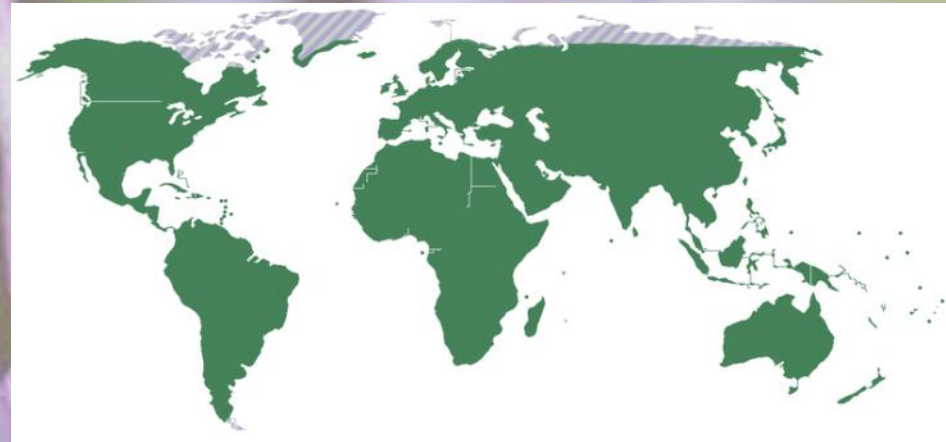
North America: 20 to 26 genera

tropical America: 212 to 250  
genera

tropical Asia: 260 to 300 genera

tropical Africa: 230 to 270 genera

Europe and temperate Asia: 40  
to 60 genera





- EPIPHYTES (grow on trees)- tropical orchids





- LITOFITSKE VRSTE (grow on rocks)





- TERESTRIČNE VRSTE (grow on the floor)

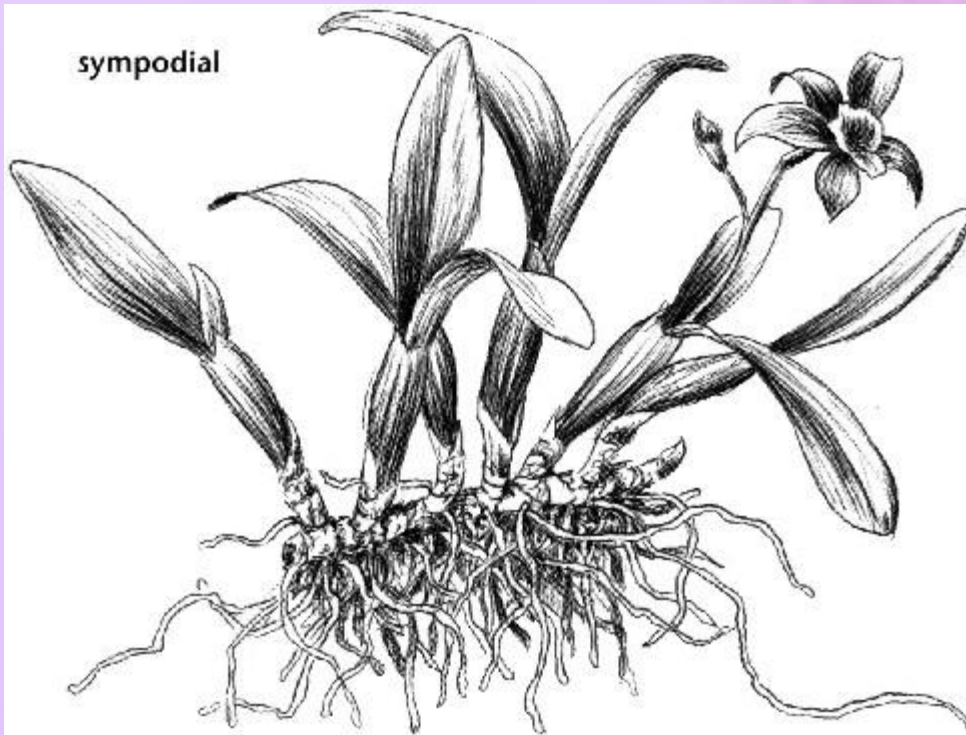




***Monopodial***: The stem grows from a single bud, leaves are added from the apex each year and the stem grows longer accordingly. The stem of orchids with a monopodial growth can reach several metres in length, as in Vanda and Vanilla.



- ***Sympodial***: The plant produces a series of adjacent shoots which grow to a certain size, bloom and then stop growing, to be then replaced.



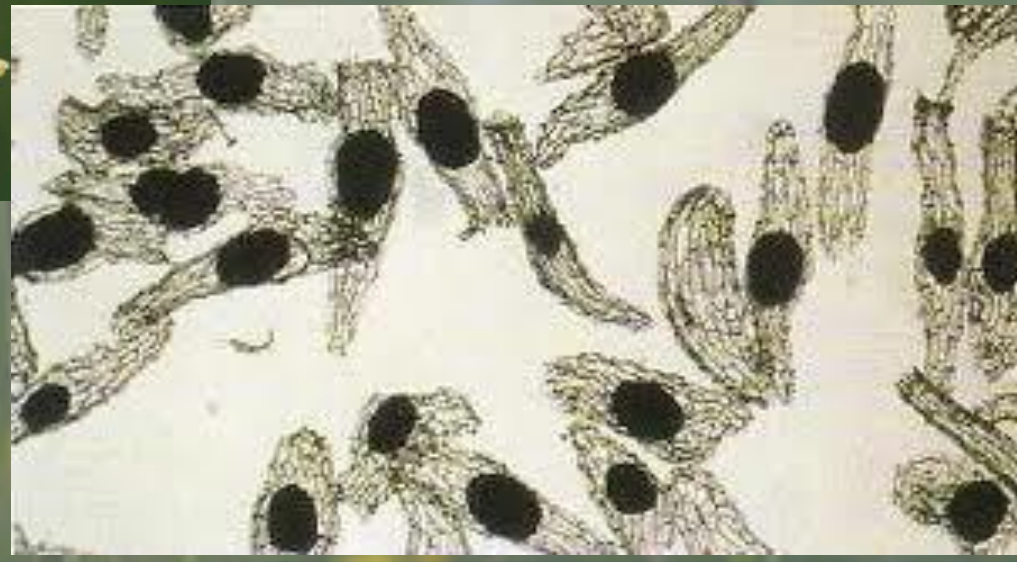


- bilateral symmetry
- many resupinate flowers
- a nearly always highly modified petal (labellum)





- a nearly always highly modified petal (labellum)
- fused stamens and carpels
- extremely small seeds





# LEAVES

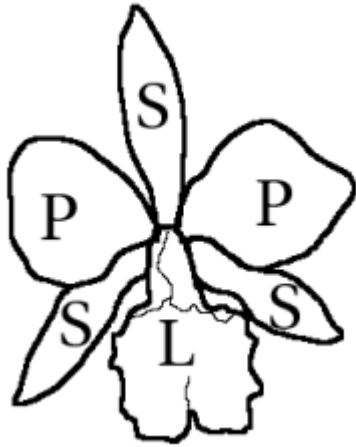




# ROOTS







P-petal  
S-sepal  
L-labellum

# BLOOMS





# ORCHIDS IN SLOVENIA





# LEPI ČEVELJC





# NAVADNA KUKAVICA





# MUHOLIKO MAČJE UHO





# KAMNIŠKA MURKA



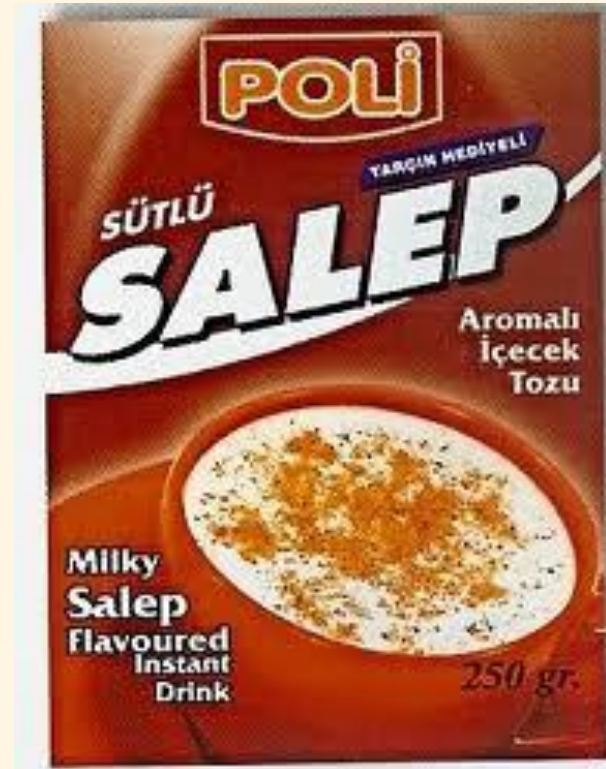
# RJAVA GNEZDOVNICA





# USAGE

- Salep
- Vanillia



# ! Endangered !

Orchids are endangered due to

- deforestation of tropical forest,
- intensive agriculture,
- over-fertilization
- abandonment of meadows.

