

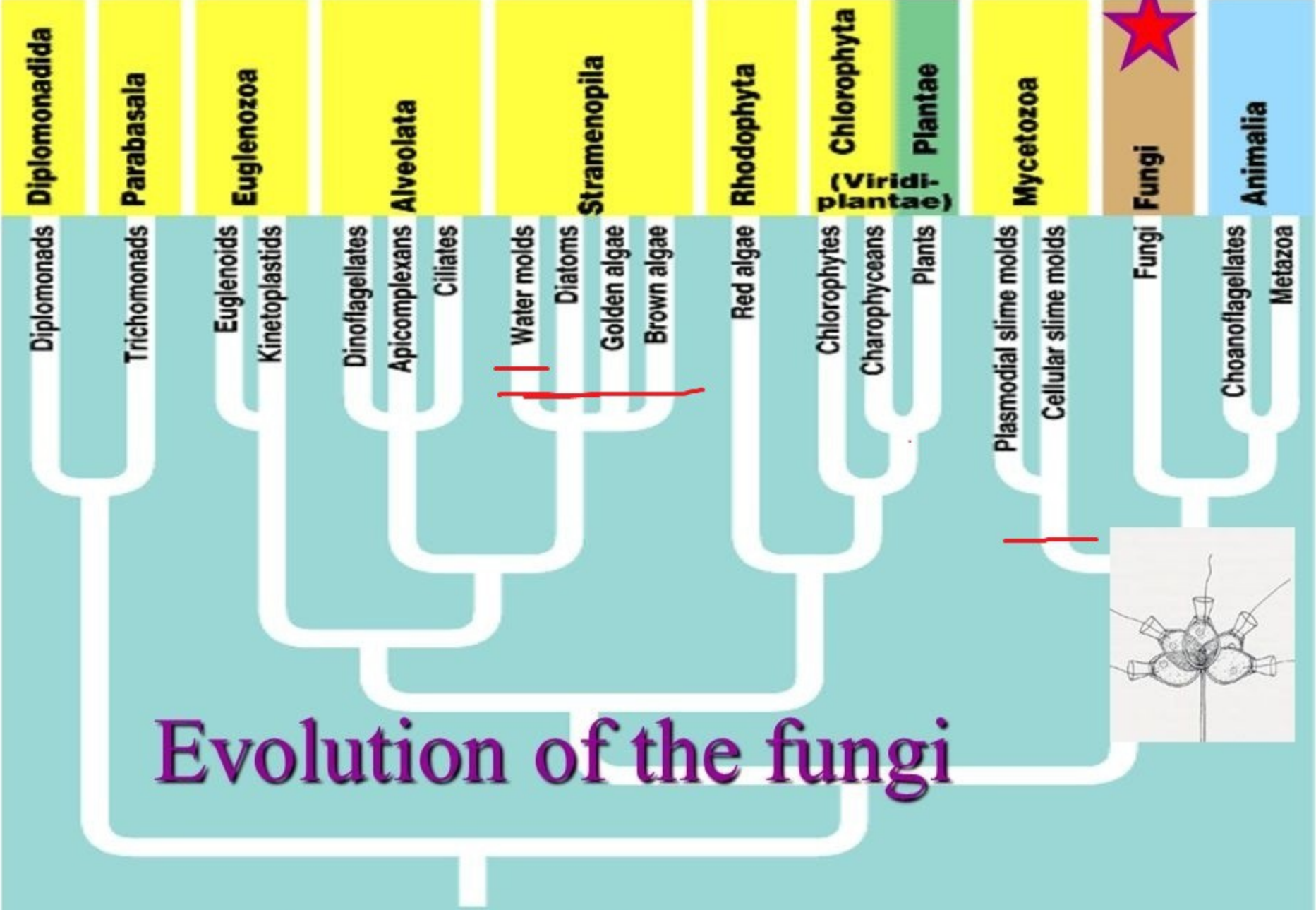
CORSO DI BOTANICA SISTEMATICA

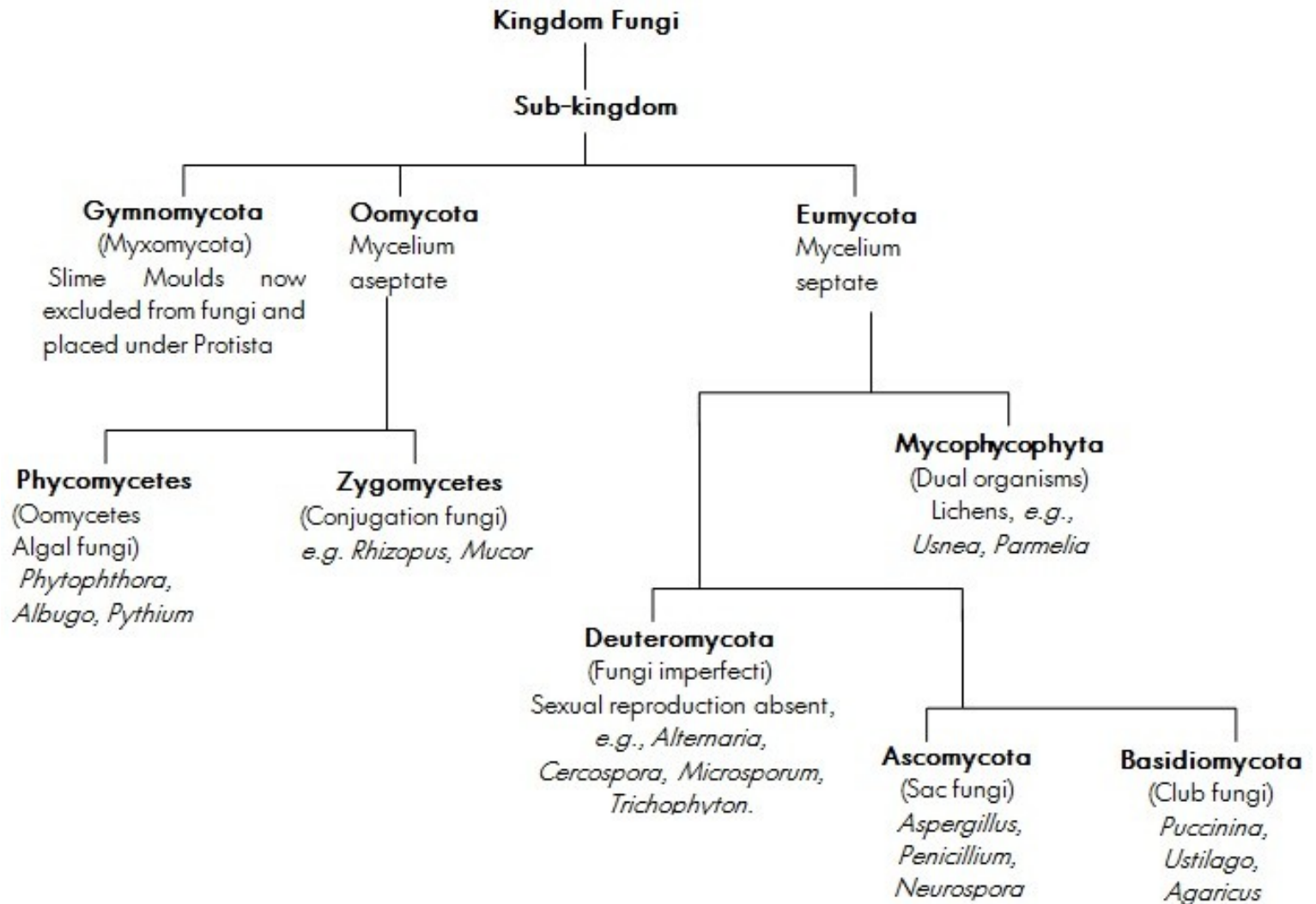
LEZIONE 47

Introduzione al Regno dei Funghi

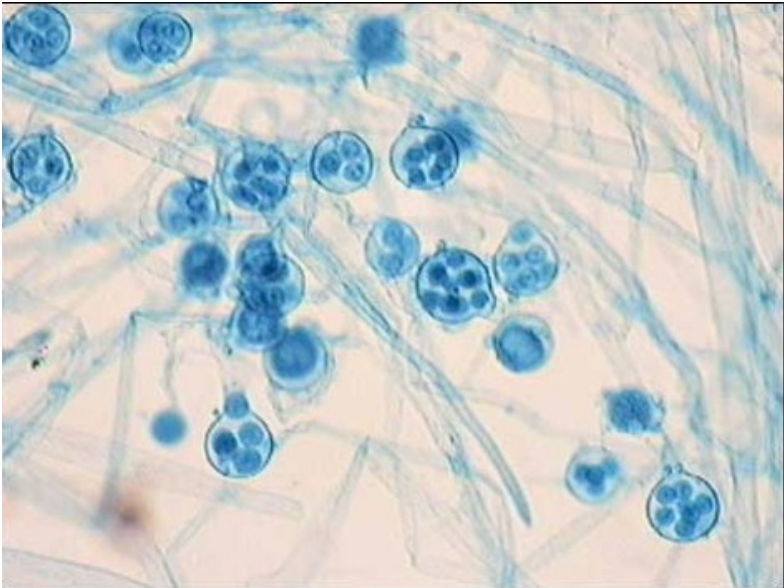
Evolution of the fungi

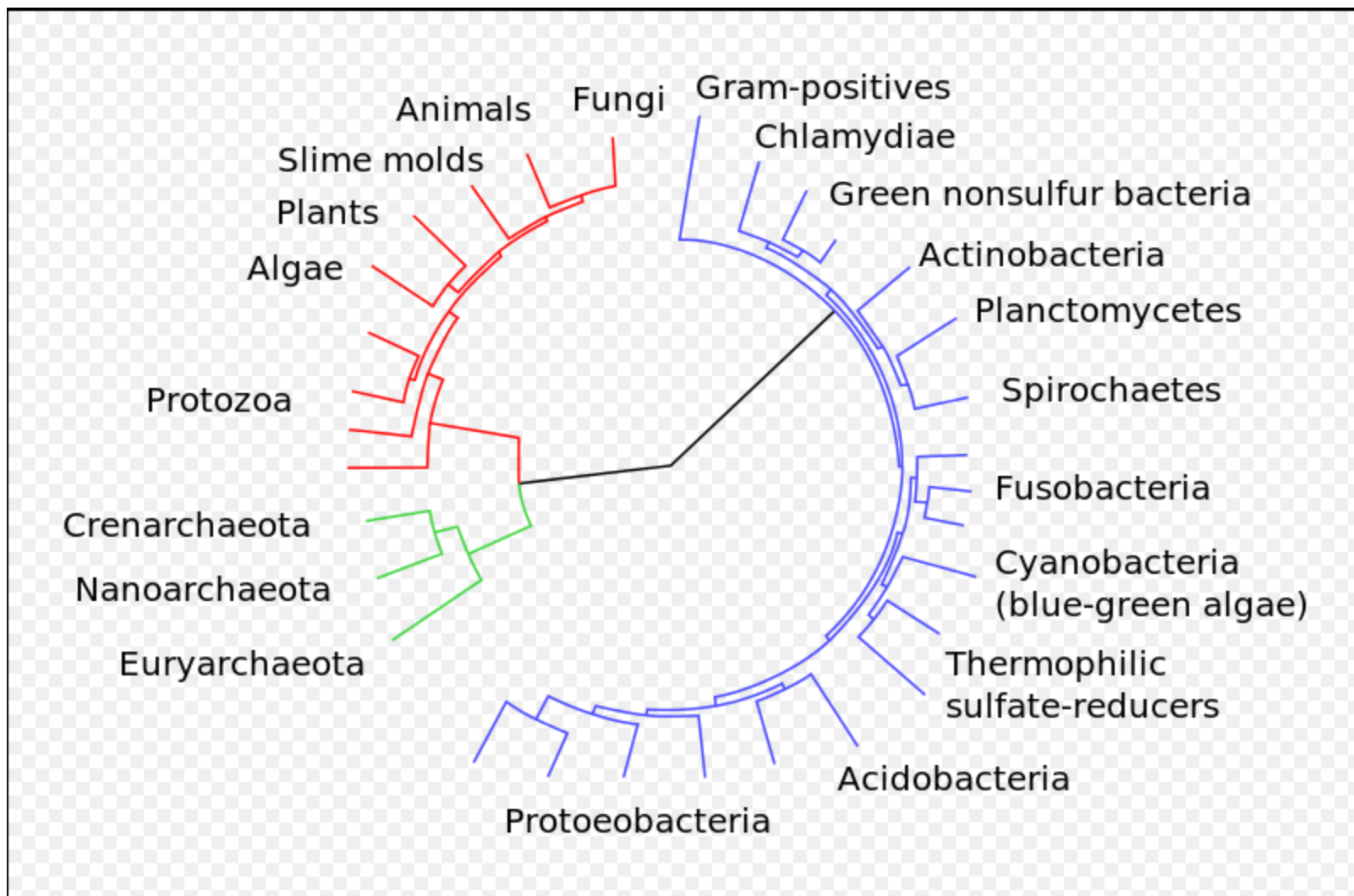
Ancestral eukaryote

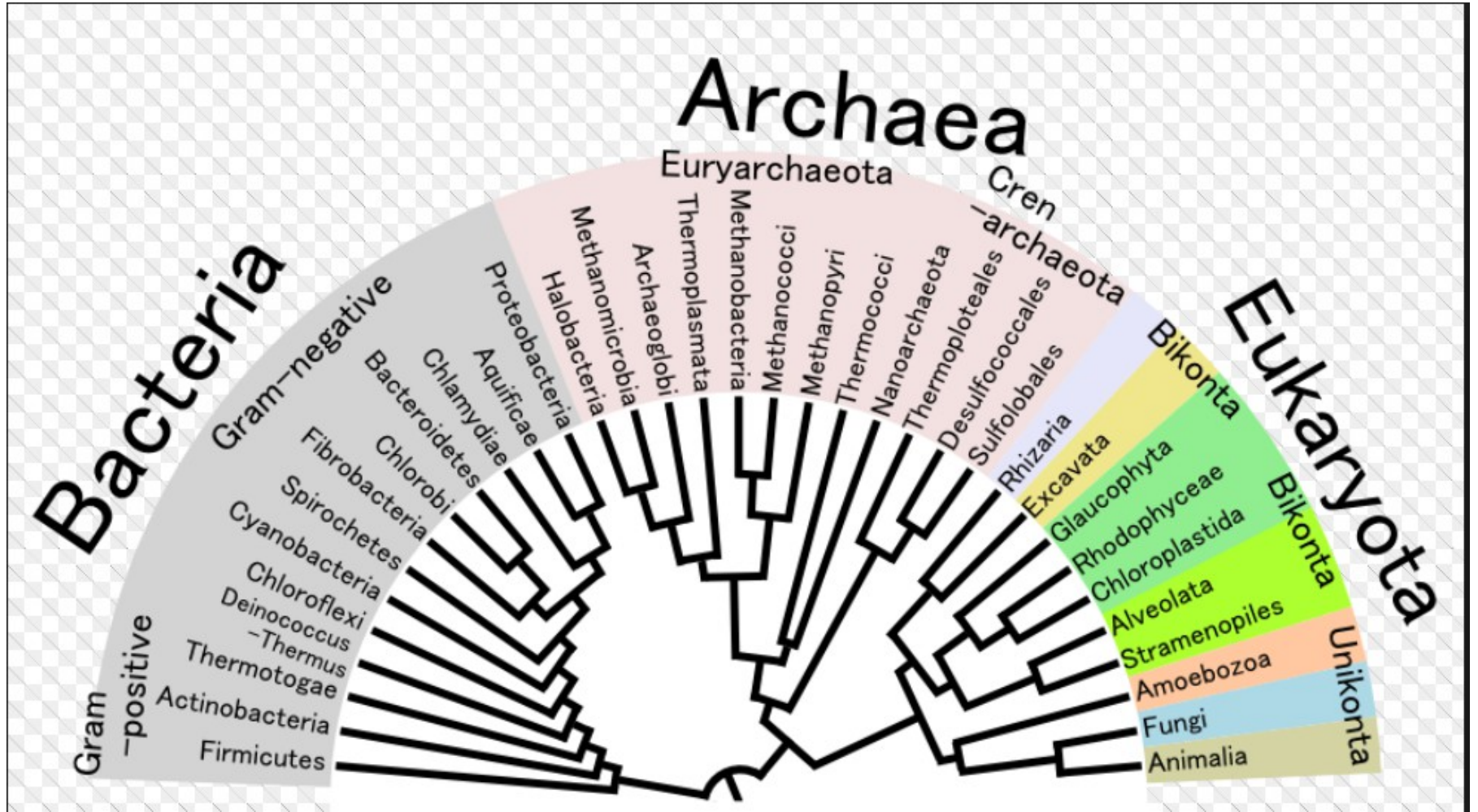


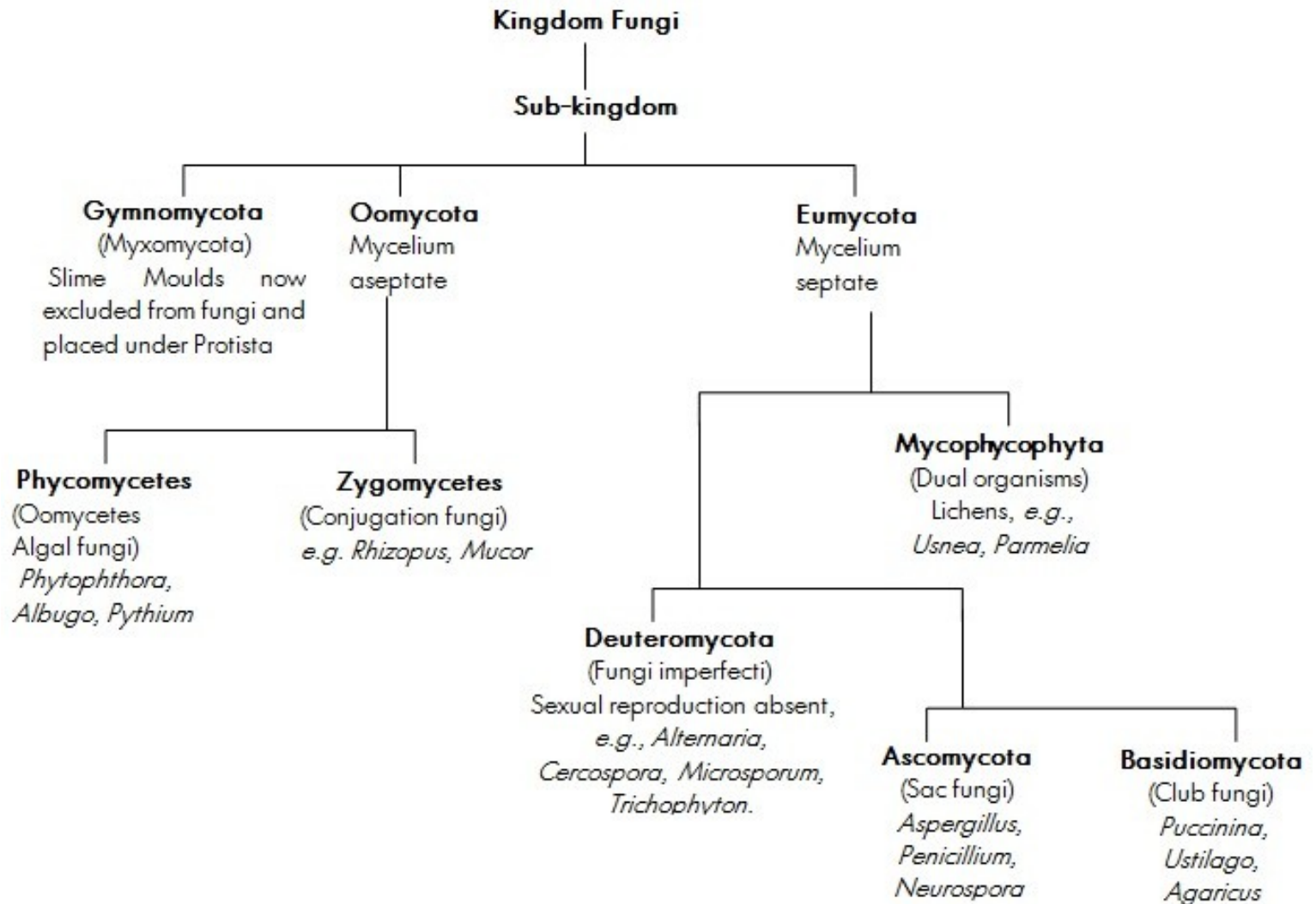


Oomycota (più affini alle alghe brune)
Myxomycota
NON SONO FUNGHI!











Chytridiomycota
(*Allomyces*,
water molds)



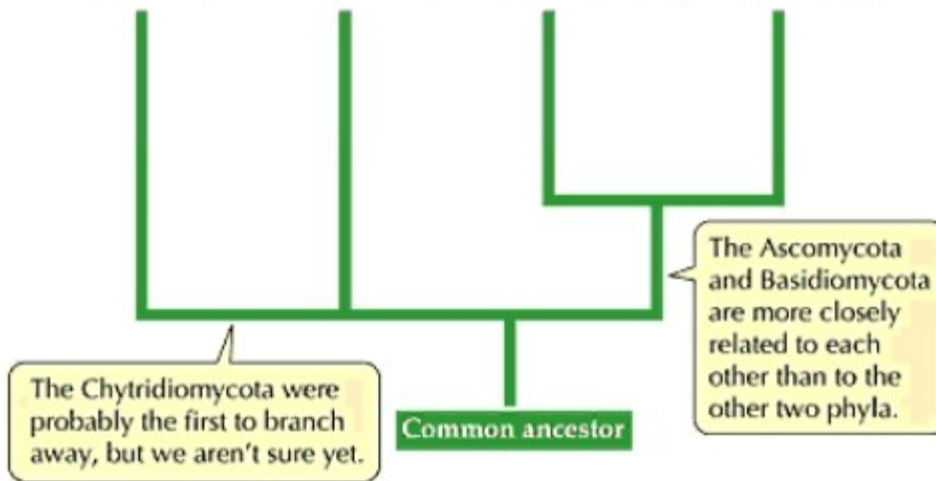
Zygomycota
(*Rhizopus*, bread
molds, *Mucor*)

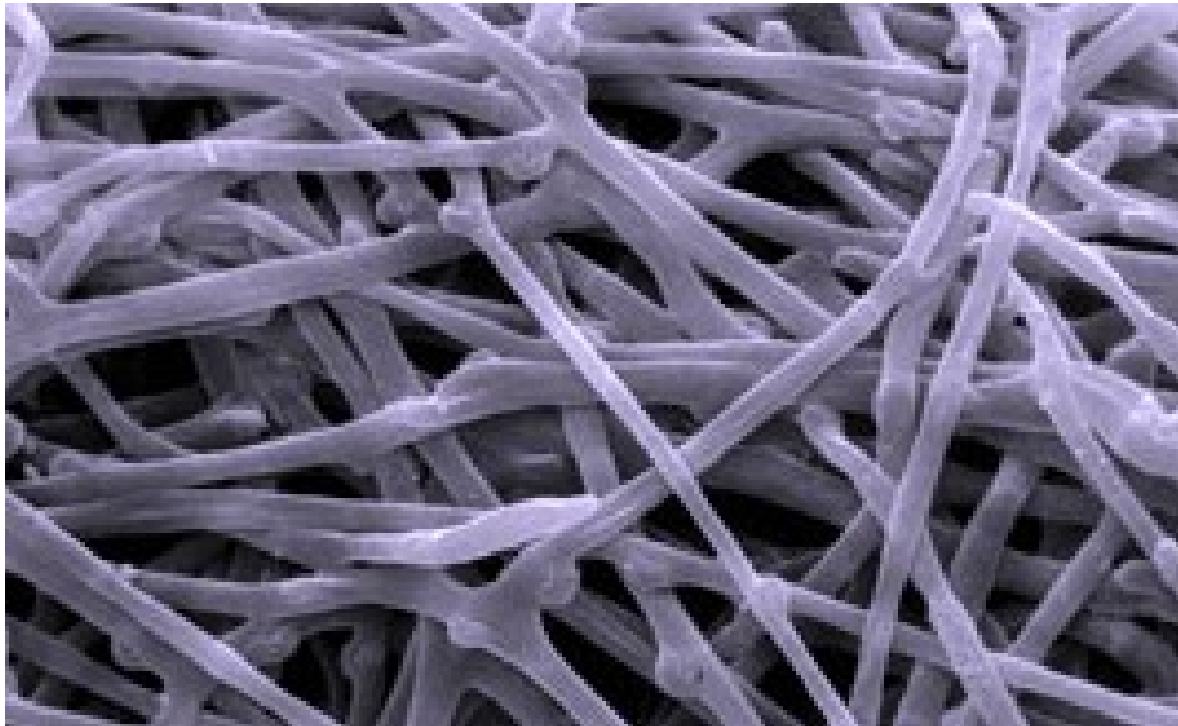


Basidiomycota
(mushrooms,
rusts, smuts)

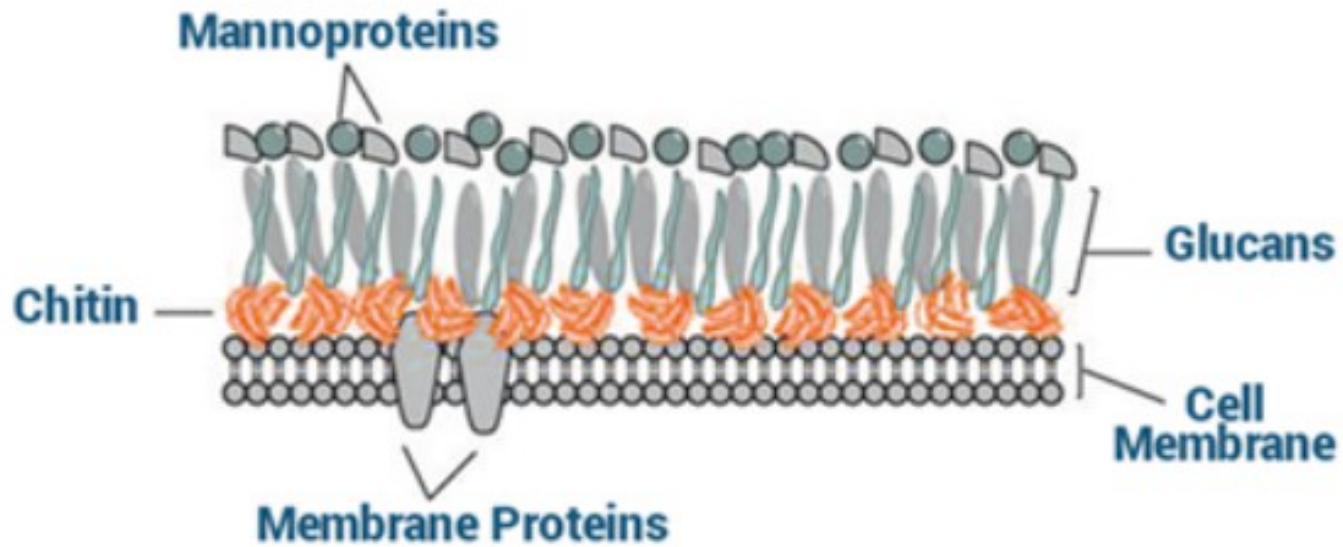


Ascomycota
(*Neurospora*,
yeast, sac fungi)

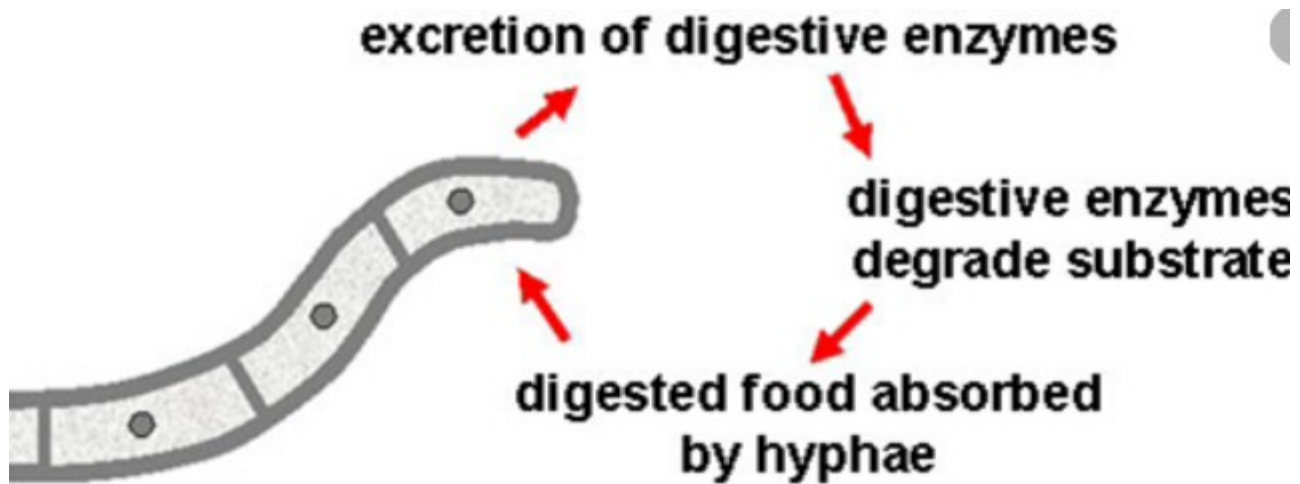


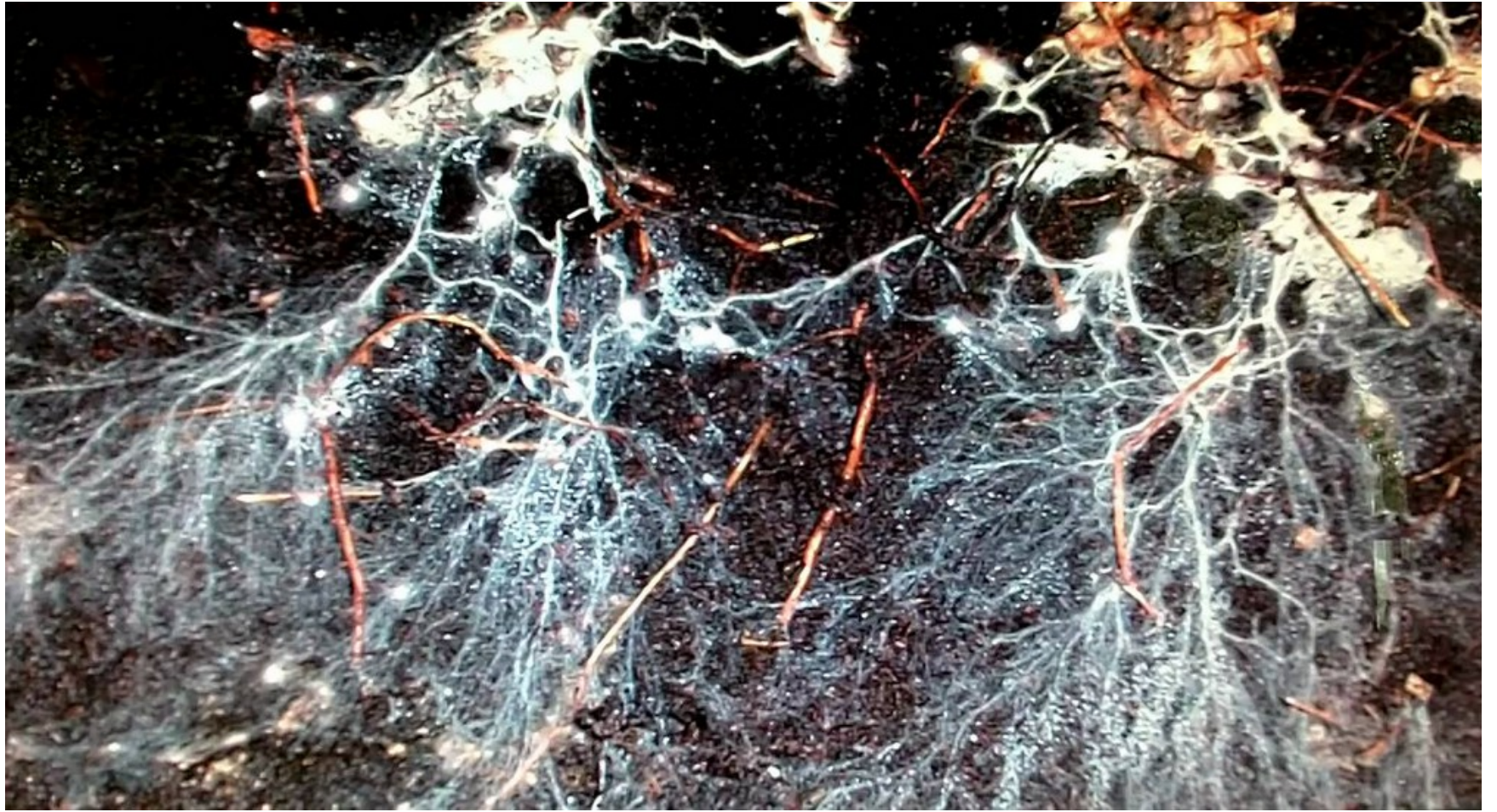


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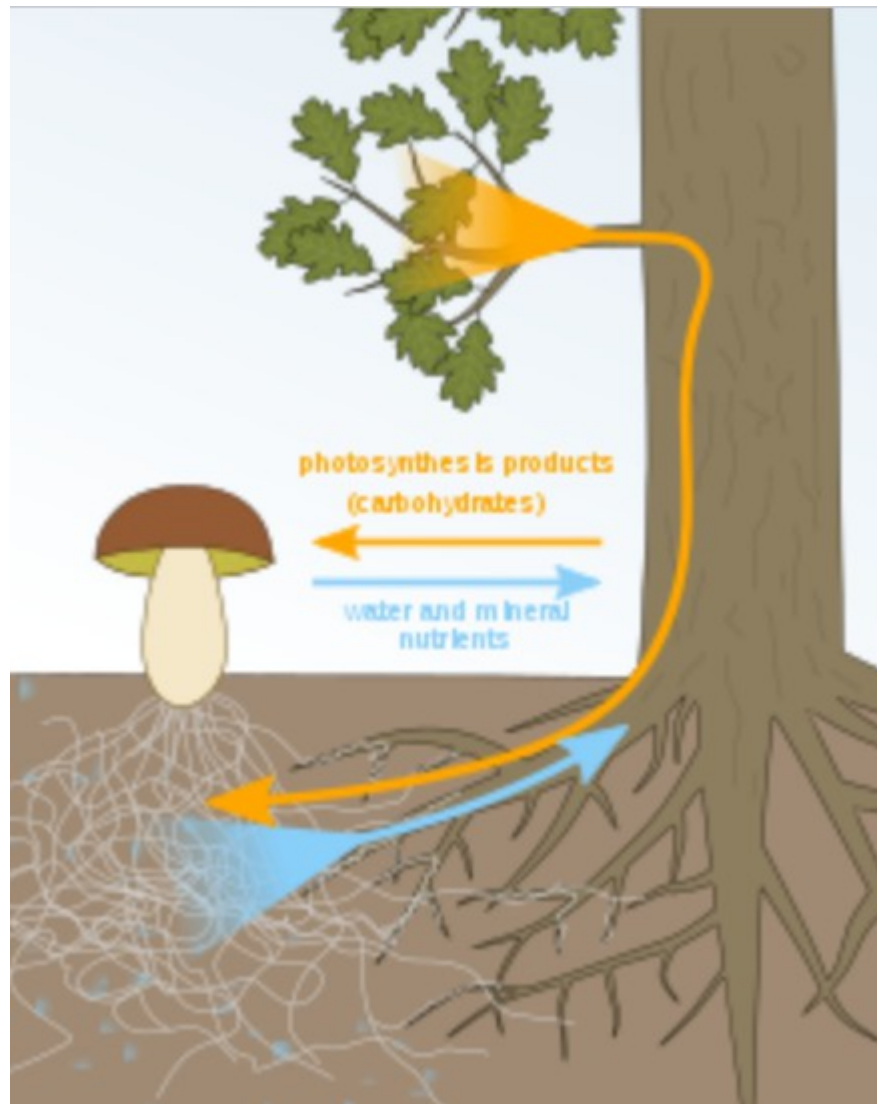
Parete cellulare delle ife (glucani e chitina)

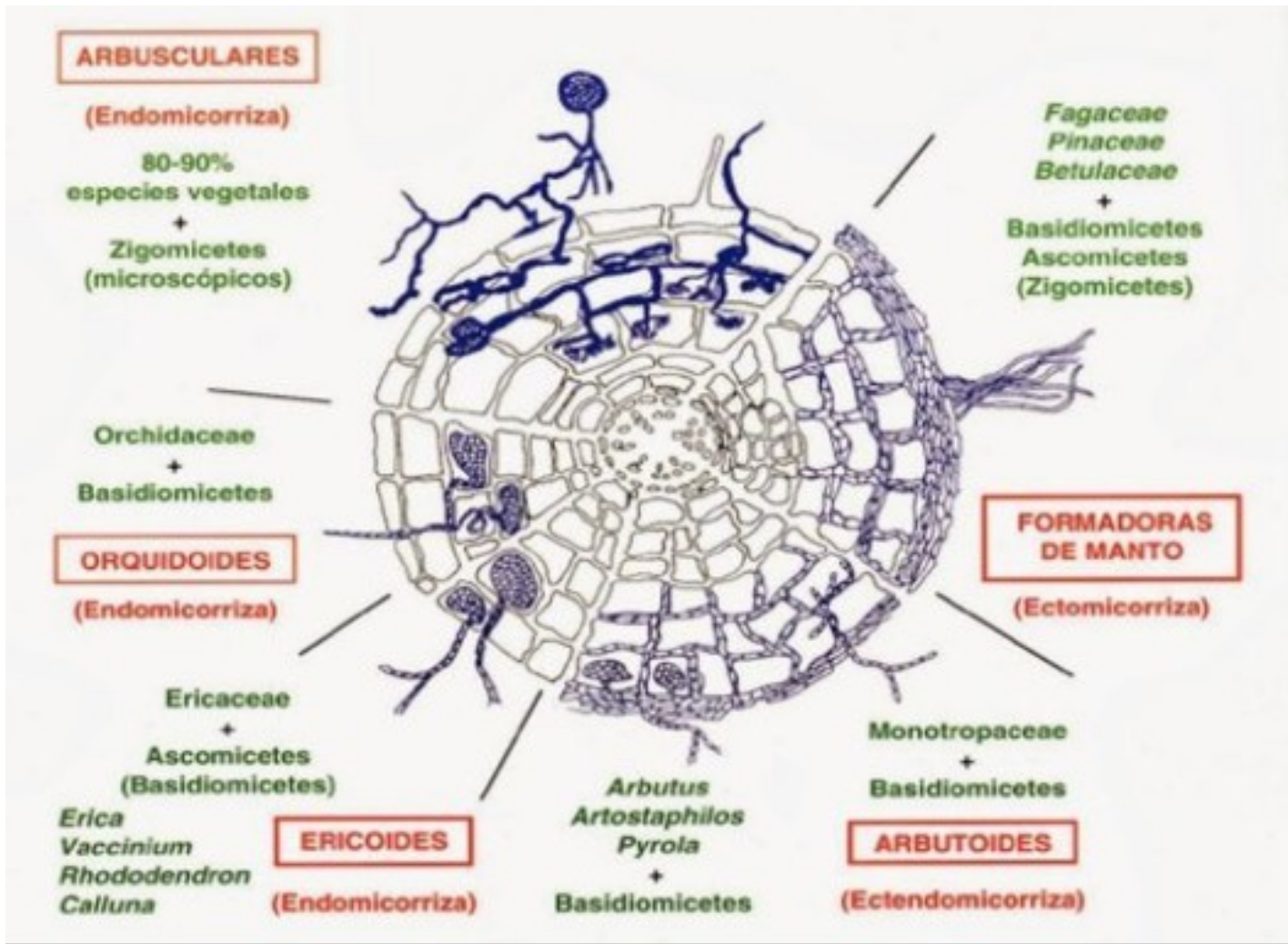






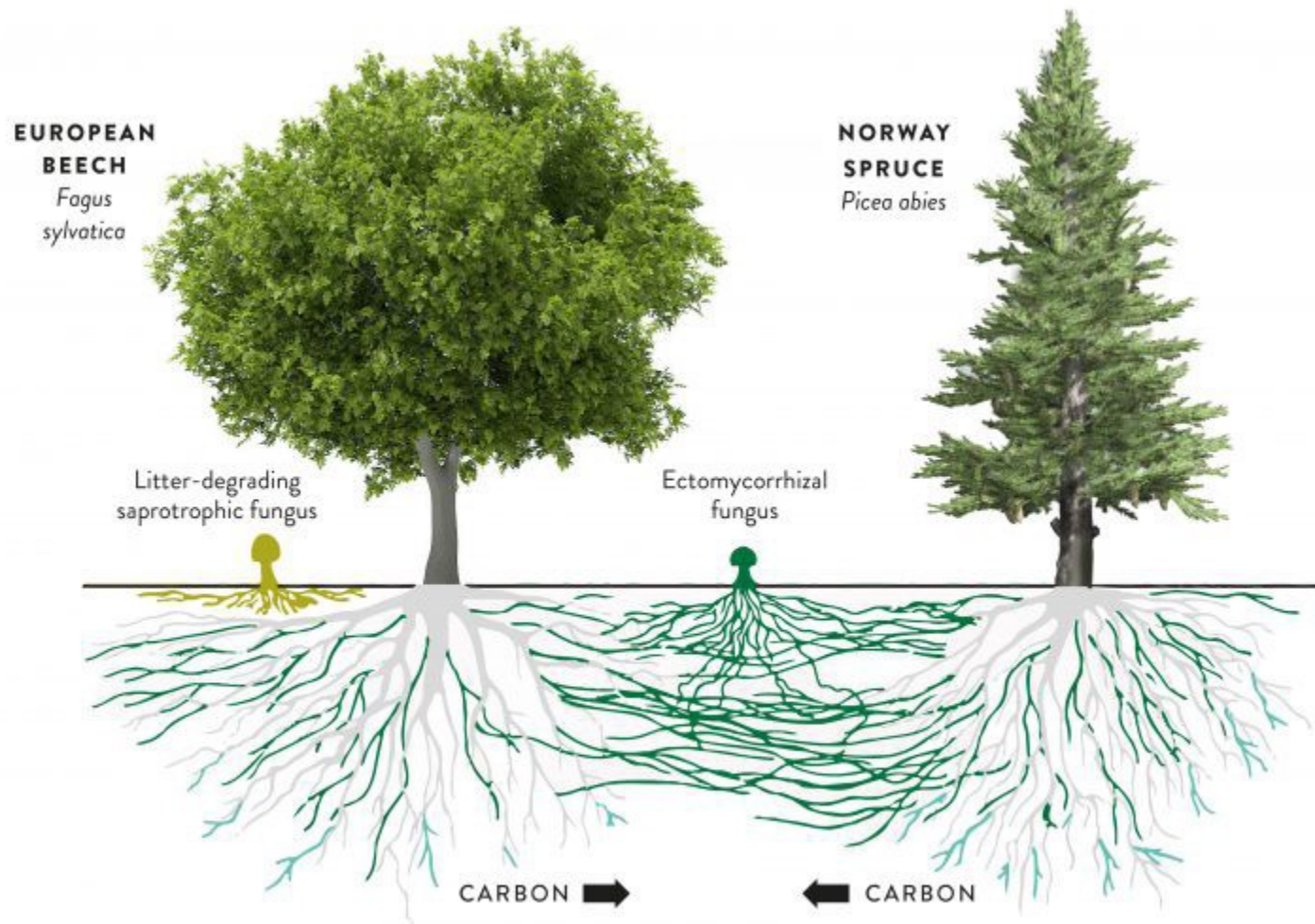










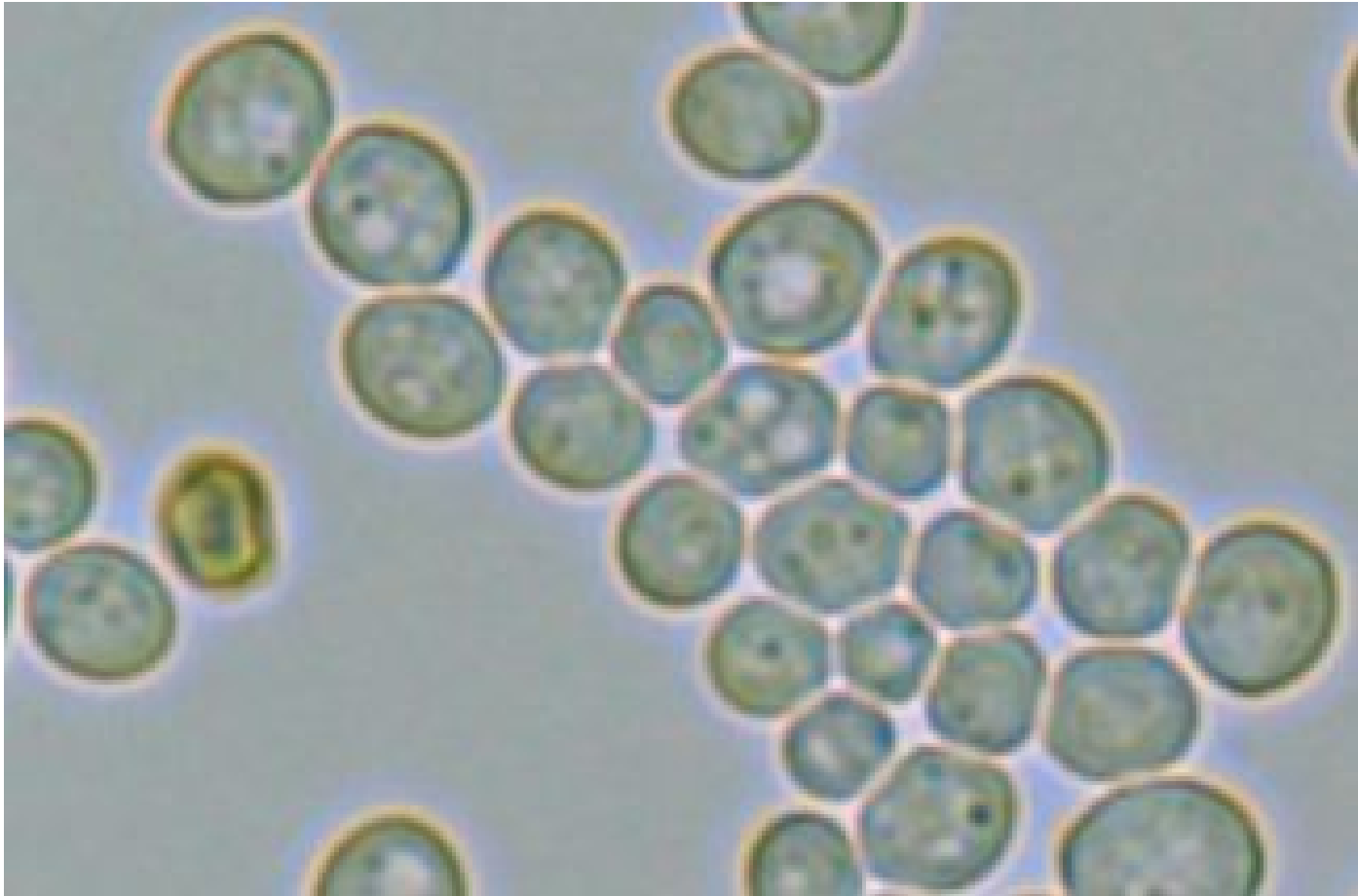


The wood wide web:
mycorrhizal fungi allow the exchange of carbon among trees.





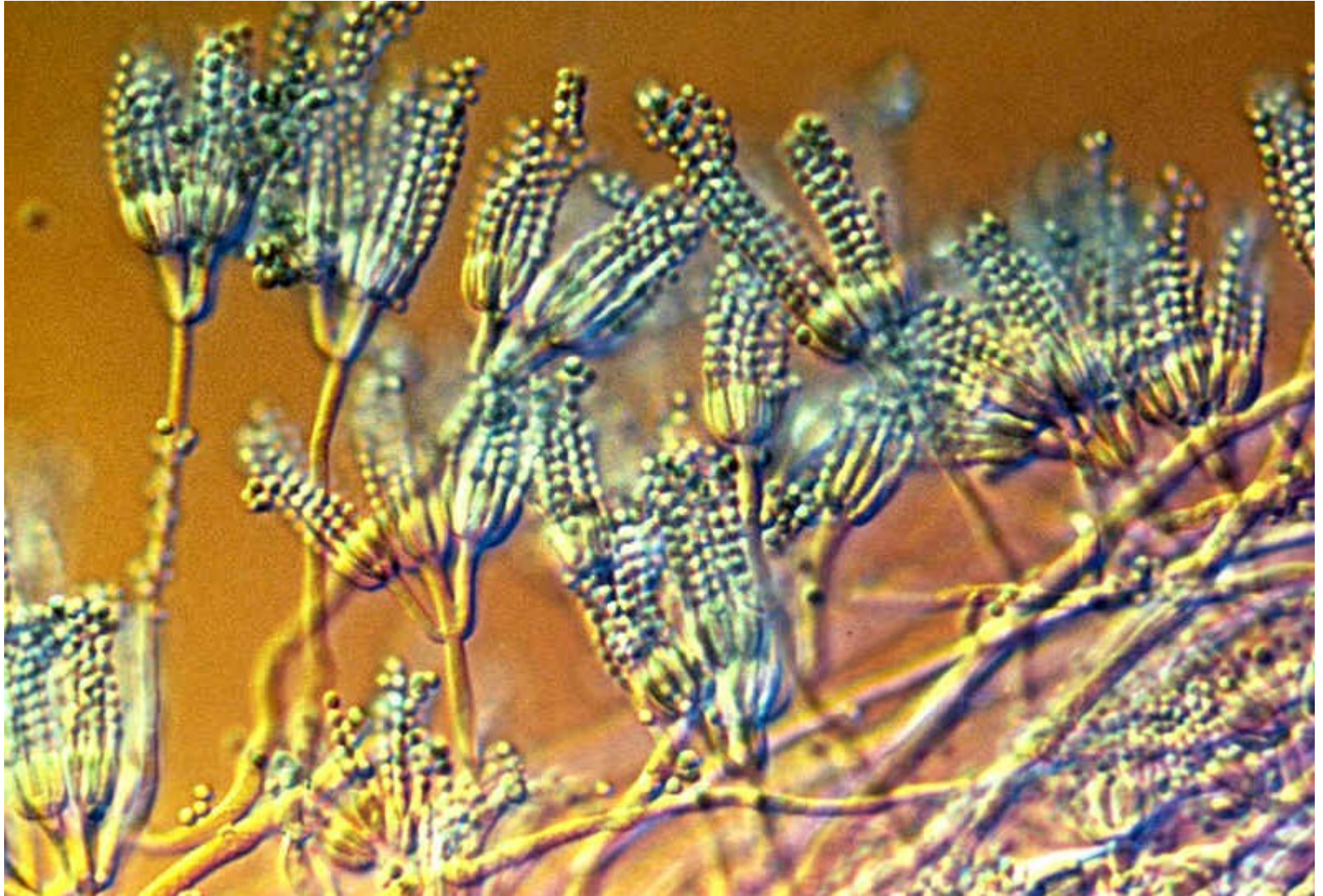
Funghi parassiti di animali: micosi



Lieviti

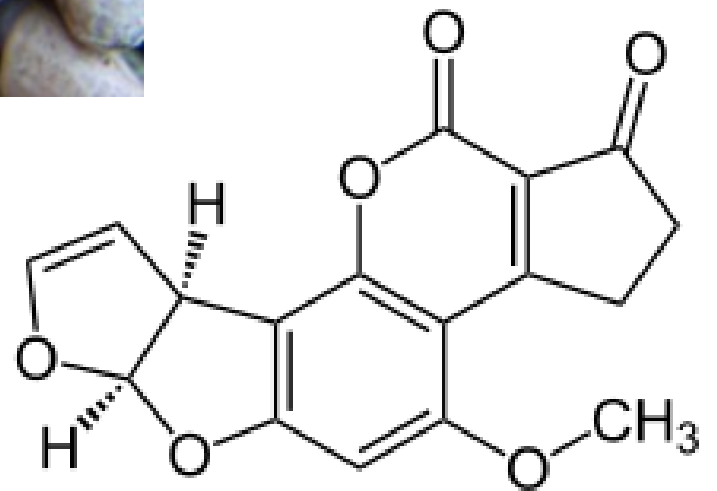








Aflatossine

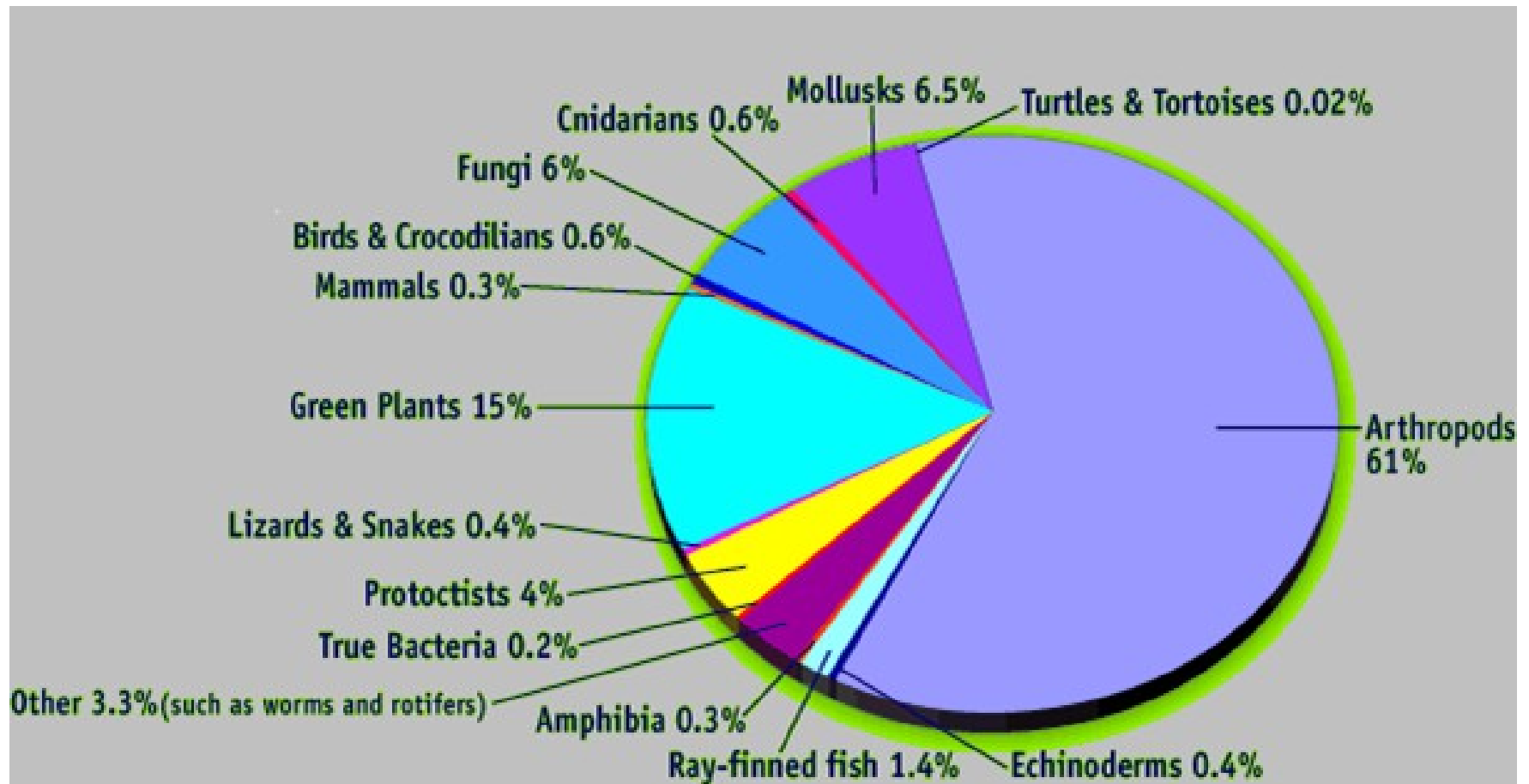




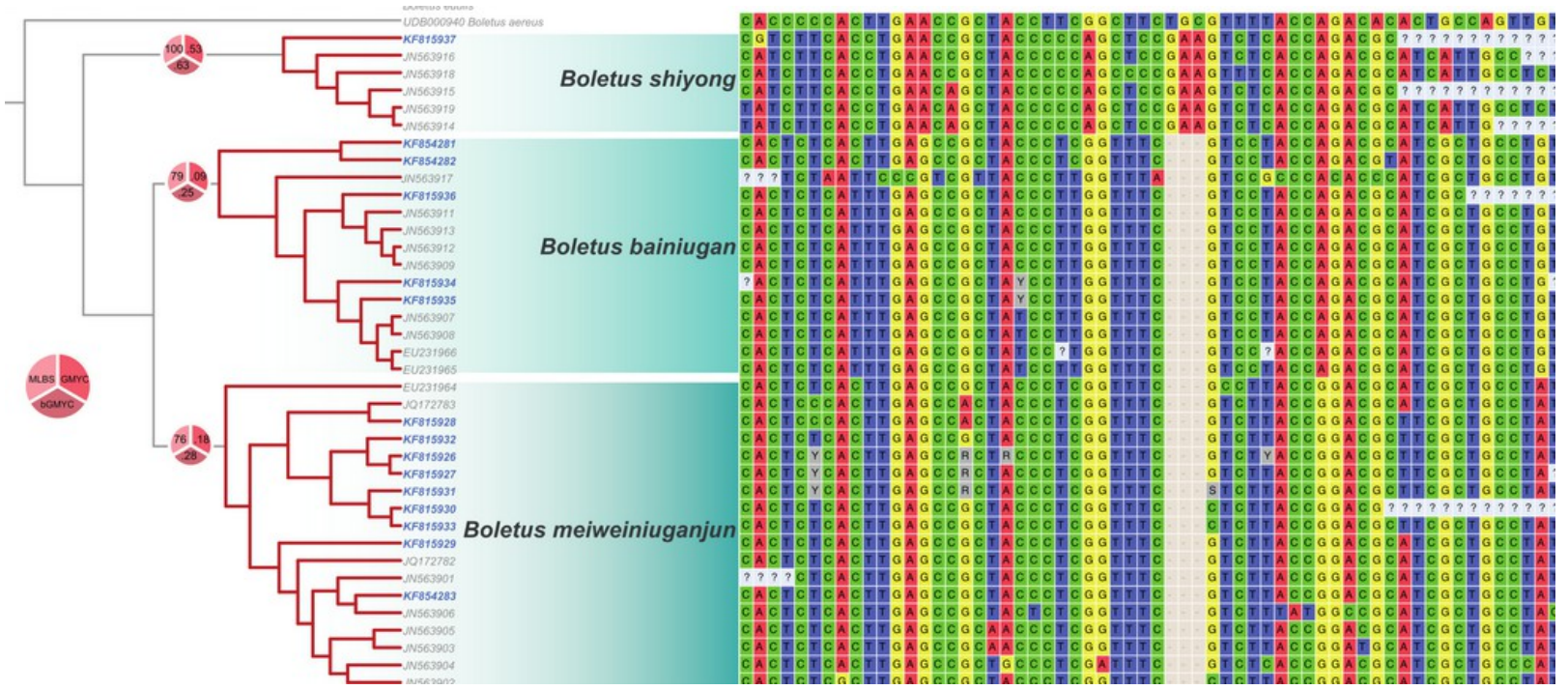
Antibiotics

| an·ti·bi·ot·ic | an·ti·bahy·ot·ik | an·

medicine produced by or der
harmfu



Circa 160.000 specie di funghi sinora descritte. Numero reale di specie: 2-4 Milioni!!!





Dictyonema: da una specie sola a più di 400 specie!!!

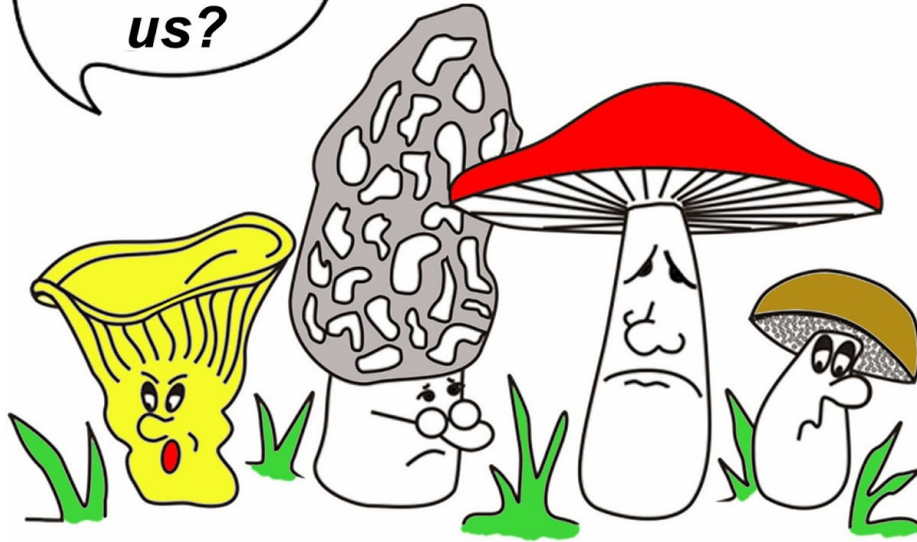
Fungi

The

Orphans

of Rio

*What
about
us?*



International Society for Fungal Conservation
www.fungal-conservation.org

