

Horsetails, Club mosses, and Ferns:

Equisetaceae

Sellaginellaceae

Lycopodiaceae

Athyriaceae, Aspleniaceae, Dryopteraceae

Aspidiaceae, Dryopteraceae

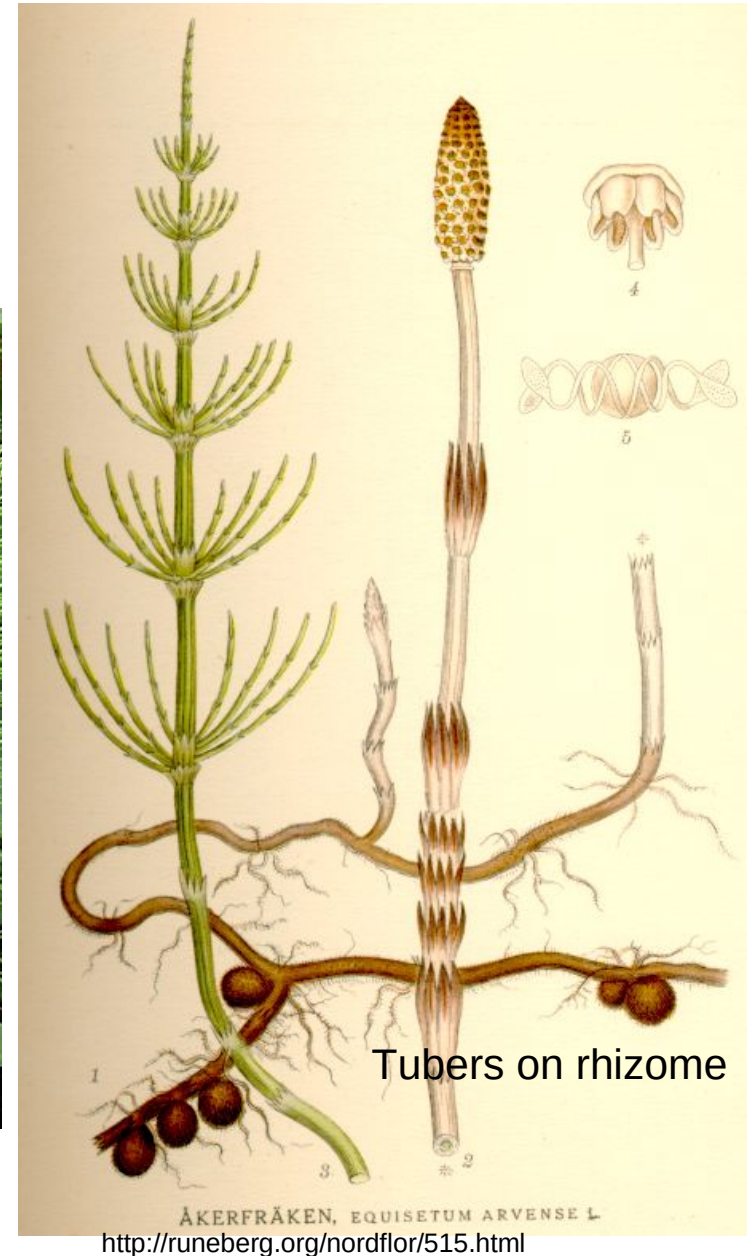
Equisetum arvense

Family: Equisetaceae

Common name: Common or field horsetail



Fertile (spring) and infertile (summer) different



Equisetum hyemale

Family: Equisetaceae

Common name: Northern Mottled Scouring-rush



http://www.tcbmed.com/PlantLists/SantaCatalinaMts-MtLemmon_8500ft.htm

Stem thick and
branchless

Numberous teeth
on sheath, broad
scarious margins



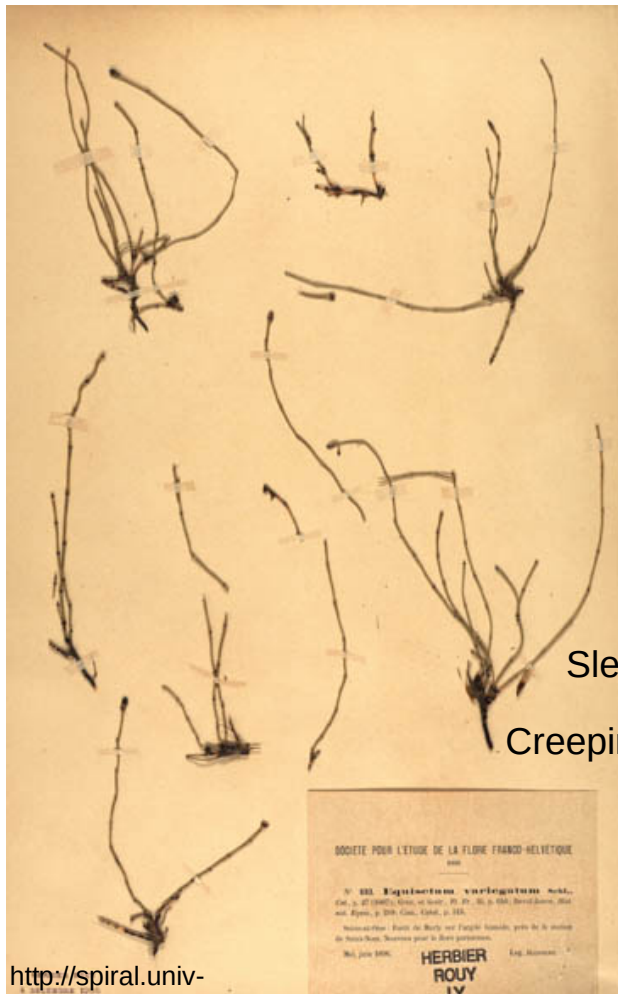
Rhizome felted

SKAVGRÄS, EQUISETUM HIEMALE L.
<http://www.zum.de/stueber/lindman/513.jpg>

Equisetum variegatum

Family: Equisetaceae

Common name: Variegated Horsetail



Slender, branched stems

Creeping black rhizome

http://spiral.univ-lyon1.fr/herbier/rouy/recherche_resultats.php?leg=Jeanpert



Less numerous teeth
Scarious margined

<http://www.plantsystematics.org/>

Equisetum sylvaticum

Family: Equisetaceae

Common name: Wood Horsetail

Cone long-peduncled



Branches forked,
feathery

<http://nefern.info/jpgs/EQUISE~1.JPG>



<http://www.funet.fi/pub/sci/bio/life/warp/album-Savela-25.html>

Selaginella densa

Family: Sellaginellaceae

Common name: Selaginella



Stem and scale-like leaves are vascular, unlike true mosses

Lycopodium annotinum

Family: Lycopodiaceae

Common name: Stiff Club Moss



Strobilus sessile



Diphasiastrum complanatum (*Lycopodium complanatum*)

Family: Lycopodiaceae

Common name: Christmas green



Branches flattened,
forked, lvs scale-like



Lycopodium clavatum

Family: Lycopodiaceae

Common name: Common Club Moss



<http://www.lublin.lasy.gov.pl/strony/1/i/1033.php>



<http://www.science.siu.edu/landplants/Lycophyta/lycophyta.html>

Cystopteris fragilis

Family: Dryopteridaceae (Aspleniaceae, Athyriaceae)

Common name: Fragile Fern



Dryopteris expansa (dilatata, austriaca)

Family: Dryopteraceae

Common name: Spreading Shield-fern



no/~kharke/planter/dryopteridaceae.html