

Marchantiophyta, Bryophyta



Marchantiophyta

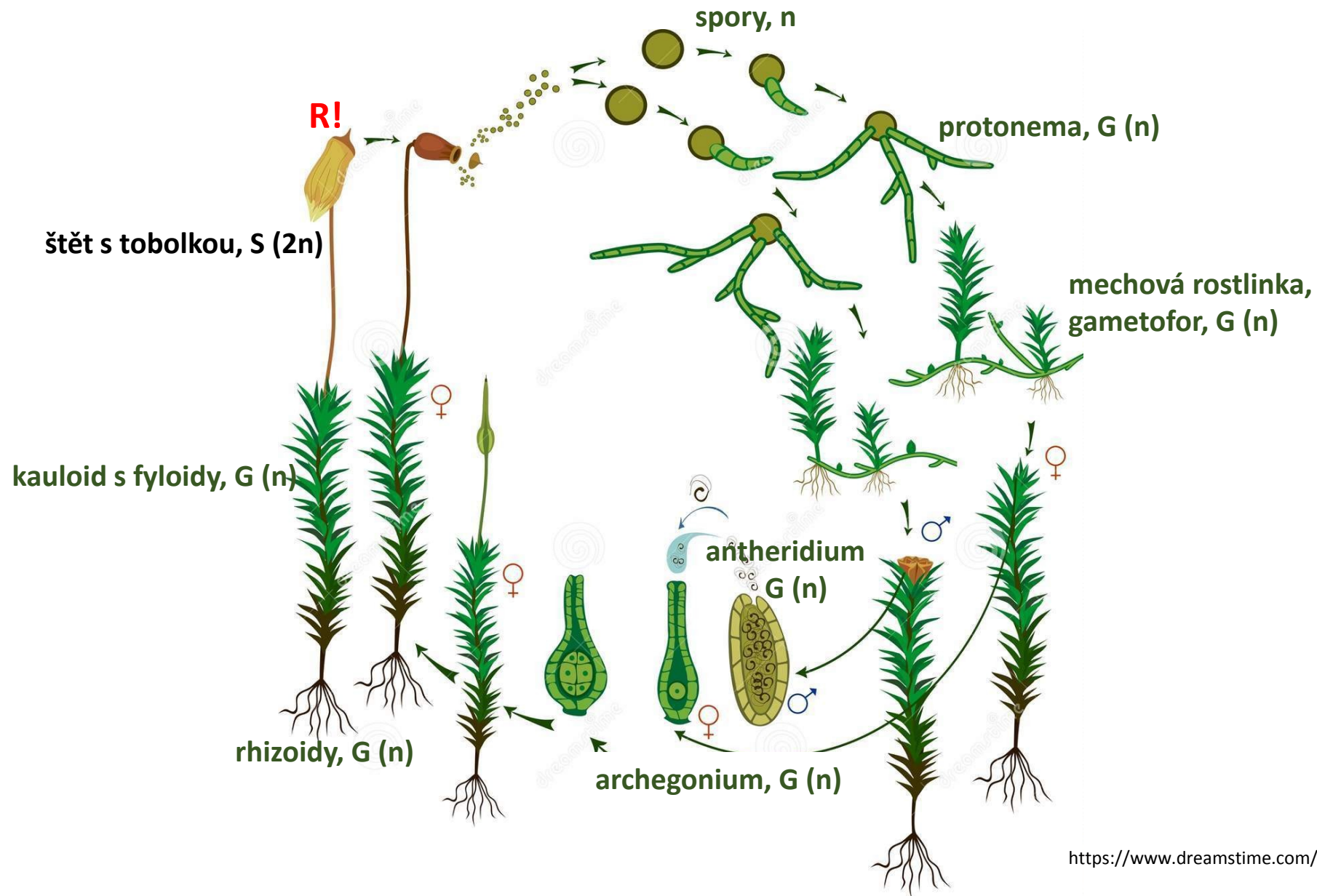


Bryophyta

<https://cz.pinterest.com/pin/285978645065584977>

<https://alchetron.com/Polytrichum>

Mechorosty – metageneze



Marchantiophyta, Marchantiopsida, *Marchantia polymorpha*



**stélka s
archegoniofory**



**stélka s
antheridiofory**

<https://cz.pinterest.com/pin/340514421800127873/>

https://commons.wikimedia.org/wiki/File:Marchantia_polymorpha_HC1.jpg

<https://www.alamy.com/liverwort-marchantia-polymorpha-reproduction-organs-germany-north-rhine-westphalia-image281101335.html>

Marchantiophyta, Marchantiopsida, *Marchantia polymorpha*



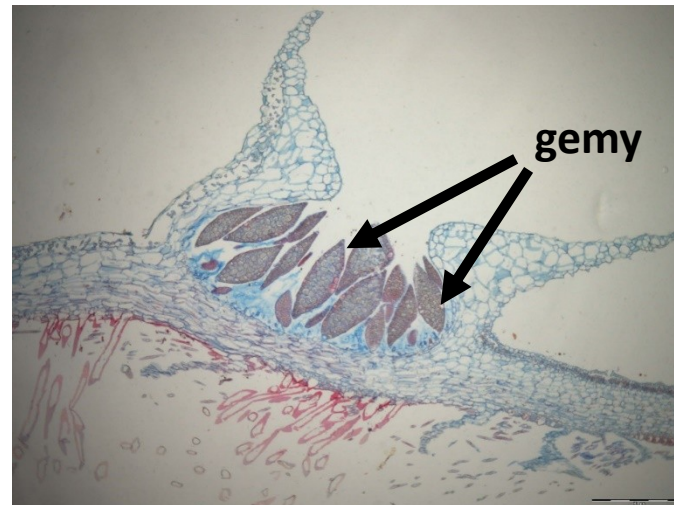
stélka s archegoniofory



stélka s thalidii



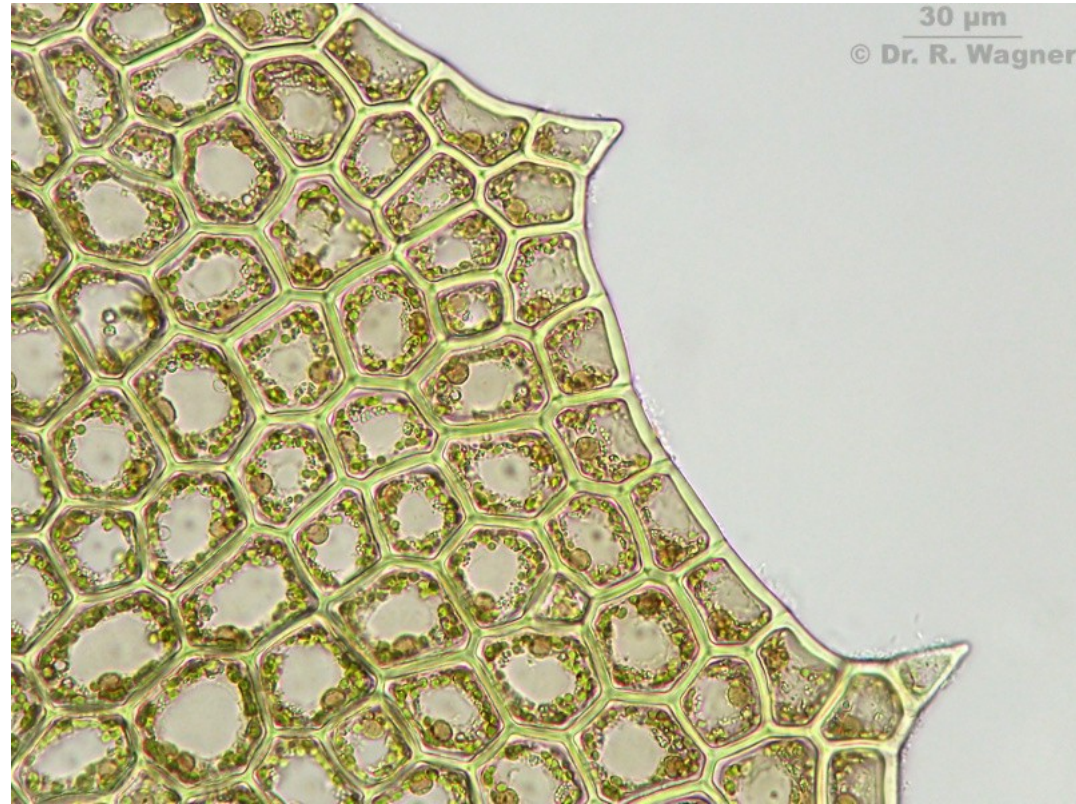
stélka s antheridiofory



průřez thalidiem

<https://cz.pinterest.com/pin/340514421800127873/>
https://commons.wikimedia.org/wiki/File:Marchantia_polymorpha_HC1.jpg
<https://www.alamy.com/liverwort-marchantia-polymorpha-reproduction-organs-germany-north-rhine-westphalia-image281101335.html>

Marchantiophyta, Jungermaniopsida, *Plagiochilla asplenioides*



Plagiochilla asplenioides, fyloid se stejnocennými buňkami

Plagiochilla asplenioides, foliózní stélka

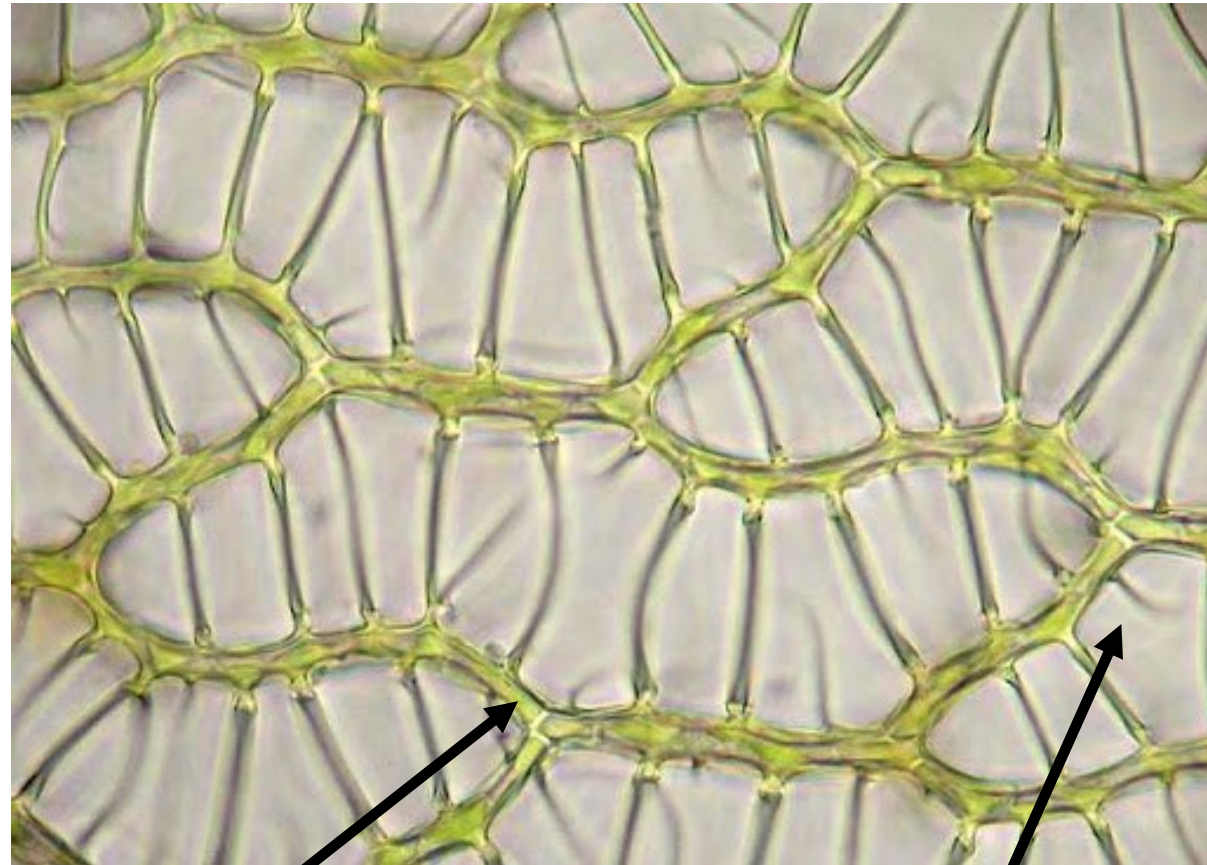
http://www.dr-ralf-wagner.de/Bilder/Plagiochila_asplenioides-Zahn.jpg

https://www.bryo.cz/index.php?p=mechorosty_foto&site=default&gallery=plagiochila_asplenioides&id=4496

Bryophyta, Sphagnopsida



***Sphagnum* sp.**



chlorocyty

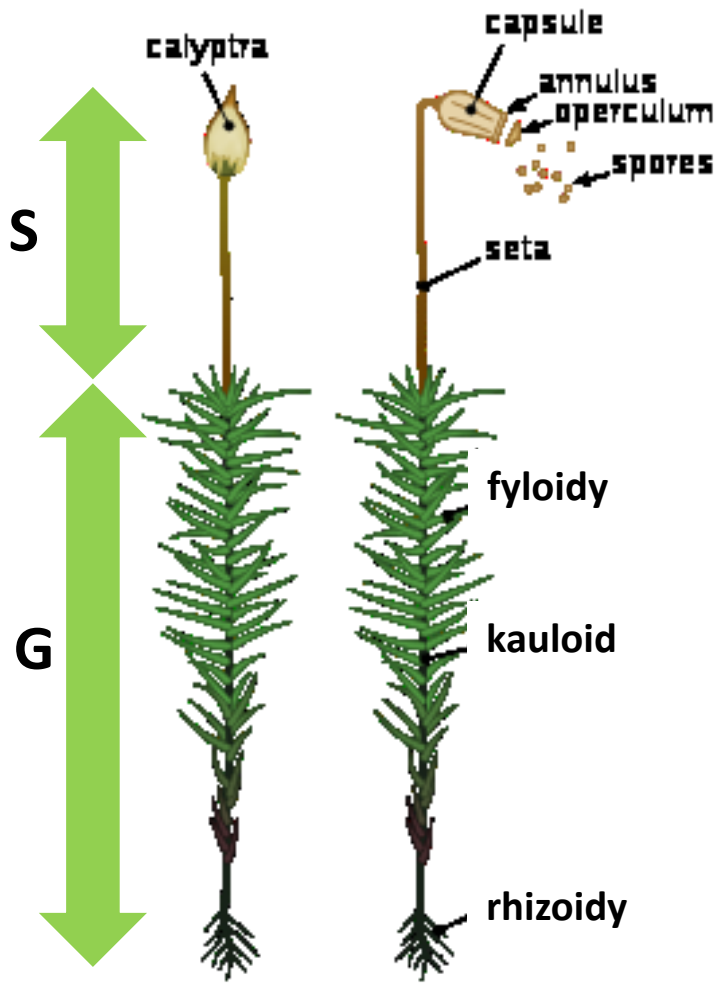
hyalocyty

lístky rašeliníku jsou tvořeny dvěma typy buněk: zelené drobné buňky (chlorocyty) mají asimilační funkci, nezelné velké buňky (hyalocyty) plní funkci cisteren

<https://peatlands.org/sphagnum-farming-in-guizhou>

<http://www.cpbr.gov.au/bryophyte/photos-captions/sphagnum-cell1-JAC-4320.html>

Bryophyta, Polytrichopsida

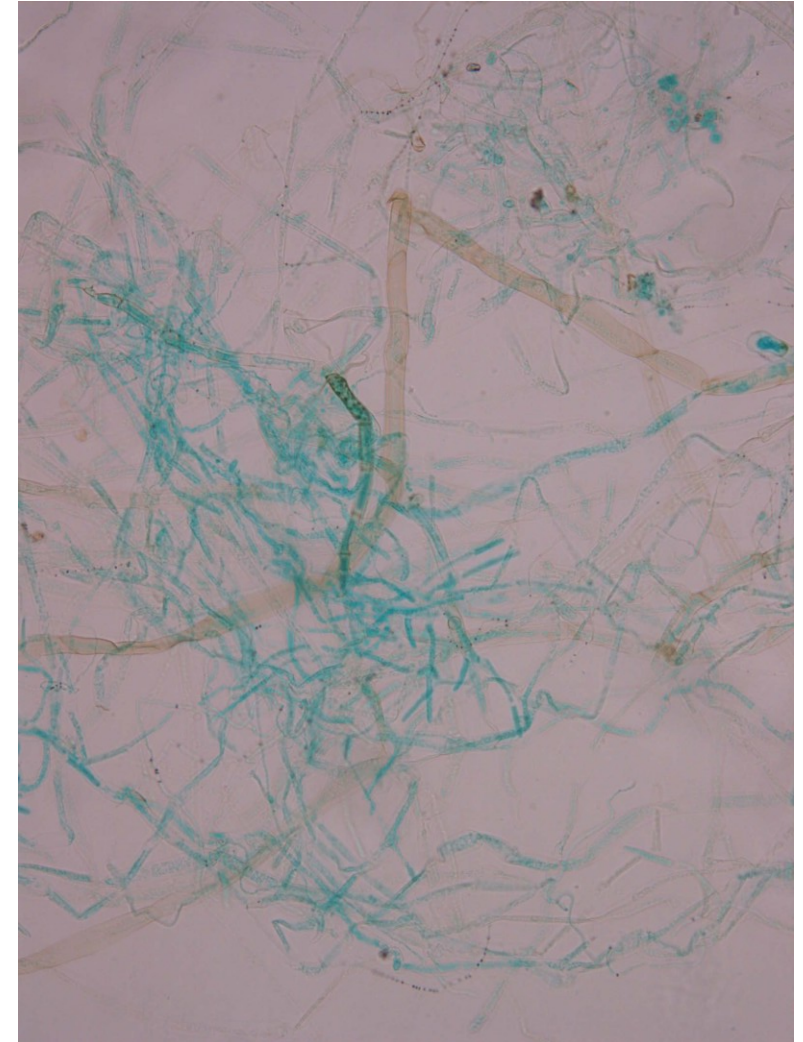


Polytrichum commune

<https://en.wikipedia.org/wiki/Polytrichum>



<https://alchetron.com/Polytrichum>



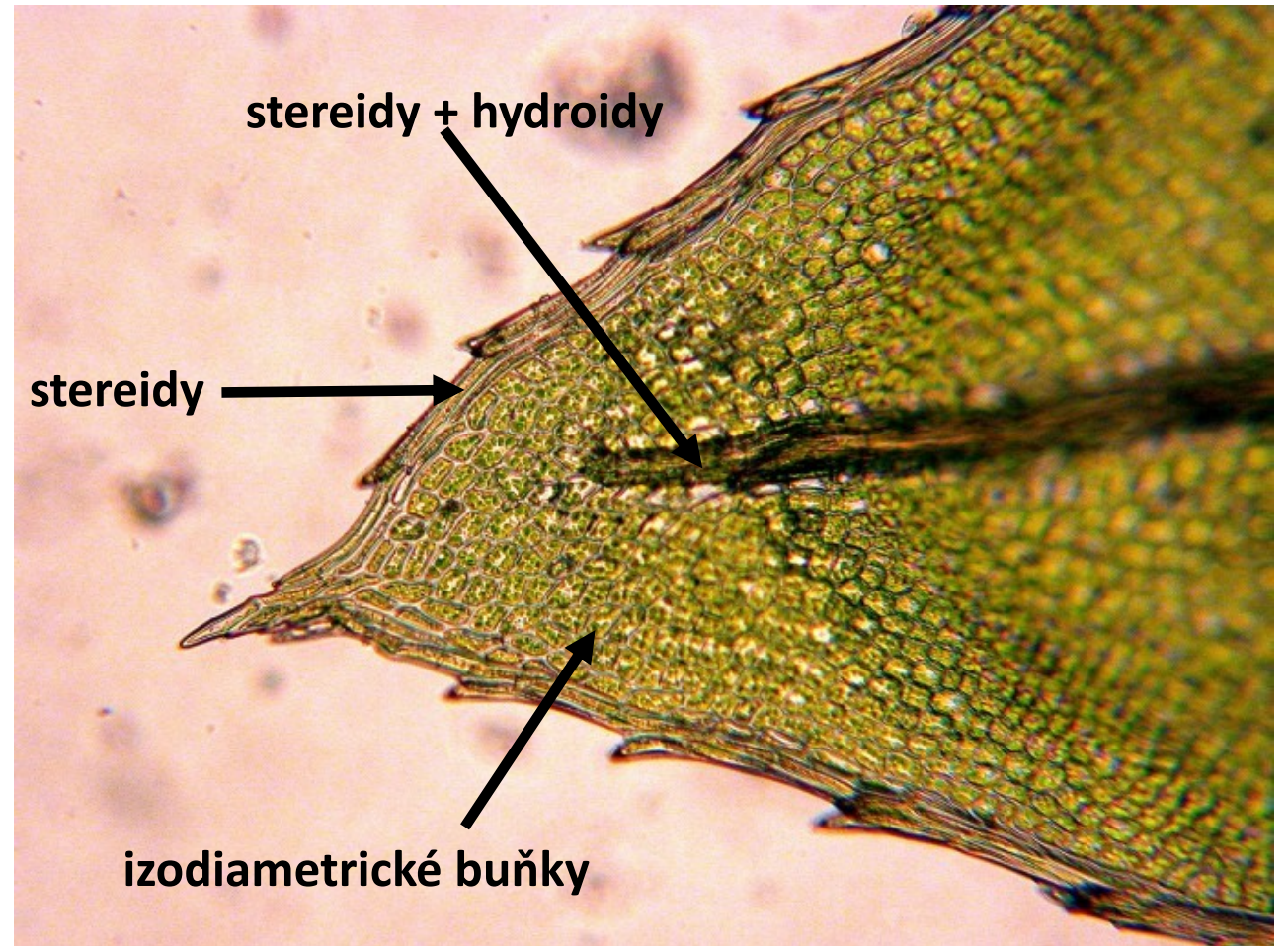
protonema

Bryophyta, Bryopsida

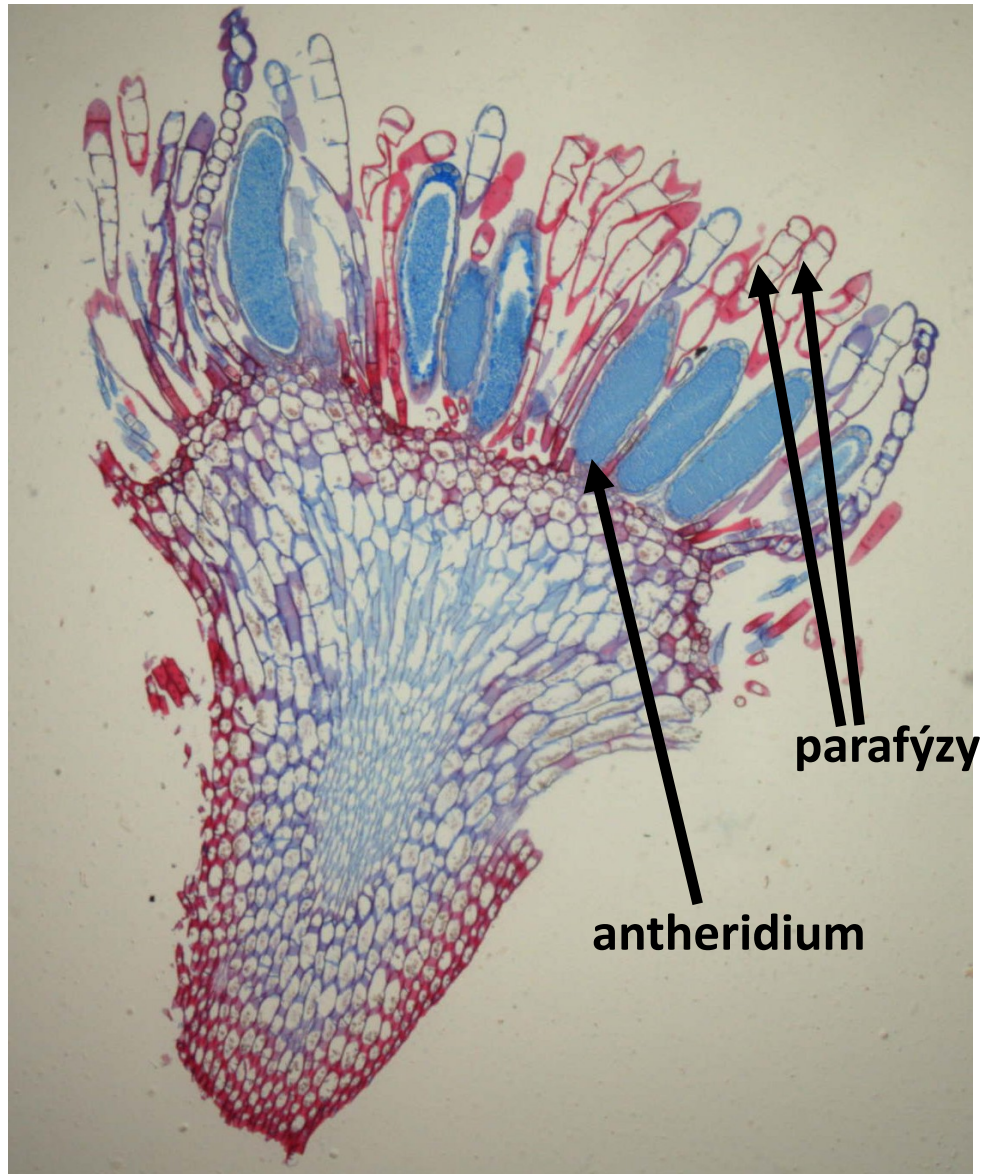
lístek měříku je tvořen diferencovanými buňkami



Plagiomnium undulatum



Bryophyta, Bryopsida



Mnium sp.

