

Topic 09 – Introduction to the Plant Kingdom

Reading:

- 1) Hoefnagles (2018): Chapter 19 section 1
- 2) Lab Manual Chapter on Introduction to Botany

I. Overview of Plantae

- A. Origin
- B. Adapted to land
- C. Life Cycle (see Hoefnagels Fig 19.6)

II. Major Groups (see *Introduction to Botany*, p. 7, Table A3 in lab manual; And Hoefnagels Fig 19.3)

- A. Bryophytes (ca. 475 Ma)
- B. Pteridophytes (ca. 425 Ma)
- C. Seed Plants (ca. 325 Ma)