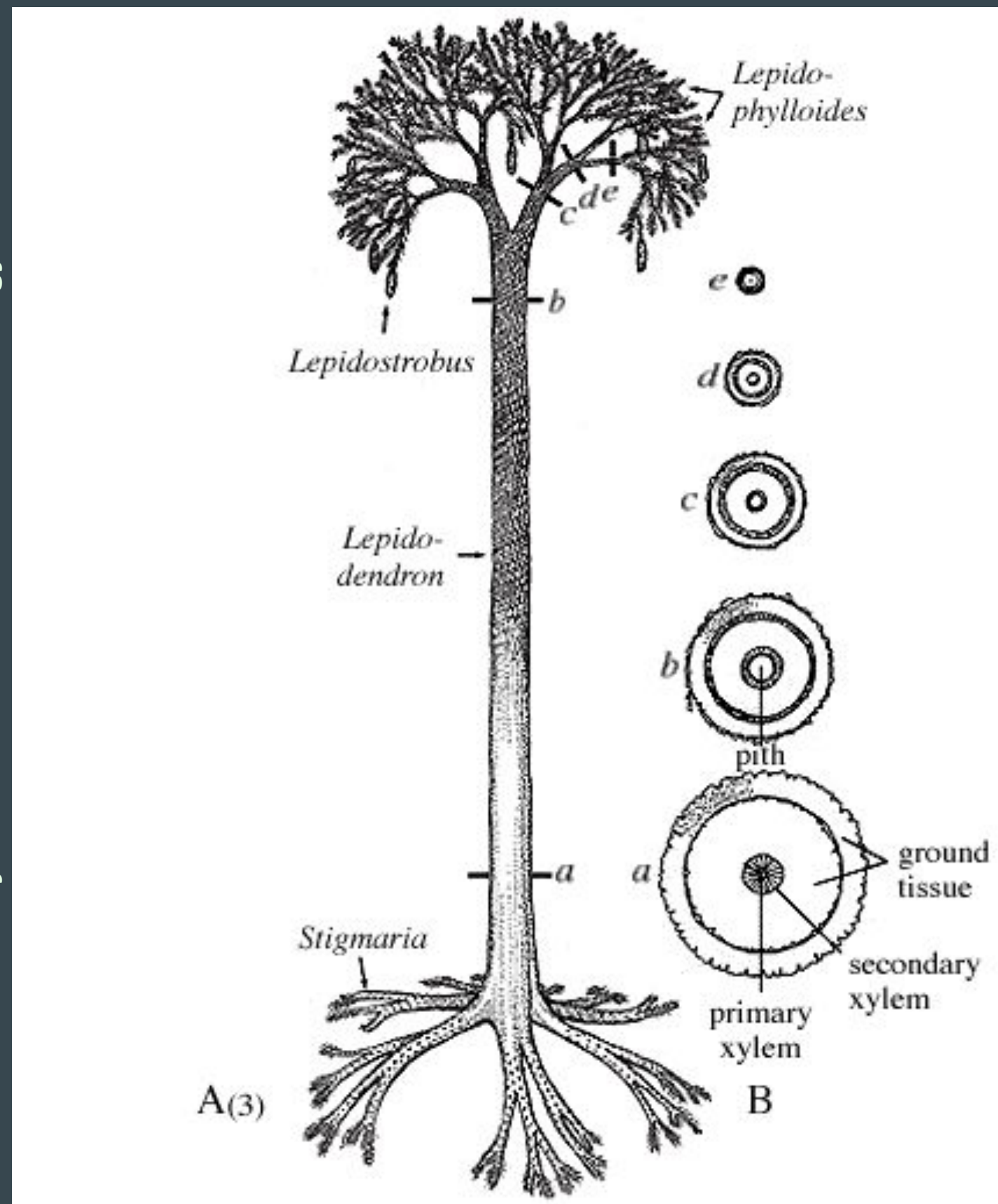


Lepidodendrales, The Giant Scale Tree

- Evolved from the Middle Devonian lycopods
- These once-giant “pole trees” now live on through small herbaceous species



Christian Jegou Publiphoto Diffusion Science Photo Library



- Grew to be over 100 ft tall
- Lived for only 10-15 years
- Reproduced using spores
- Had a thin central core of wood surrounded by a thick layer of tissue
- That means high winds and storms could easily flatten forests

- Diamond-shaped leaf scars
- Composed of green photosynthetic tissue
- Trunks would have most likely been green



Sedgwick Museum Cambridge

- Thrived during the Carboniferous
- Lived in wet conditions
- Went extinct by the mid-Permian
- Due to inefficient movement of water and nutrients through their stems
- Now make up important contributions to coal seams



<https://www.artstation.com/artwork/JxmnD>

[https://z2downloadlibrary.fandom.com/wiki/Lepidodendron_\(Bunyupy\)](https://z2downloadlibrary.fandom.com/wiki/Lepidodendron_(Bunyupy))