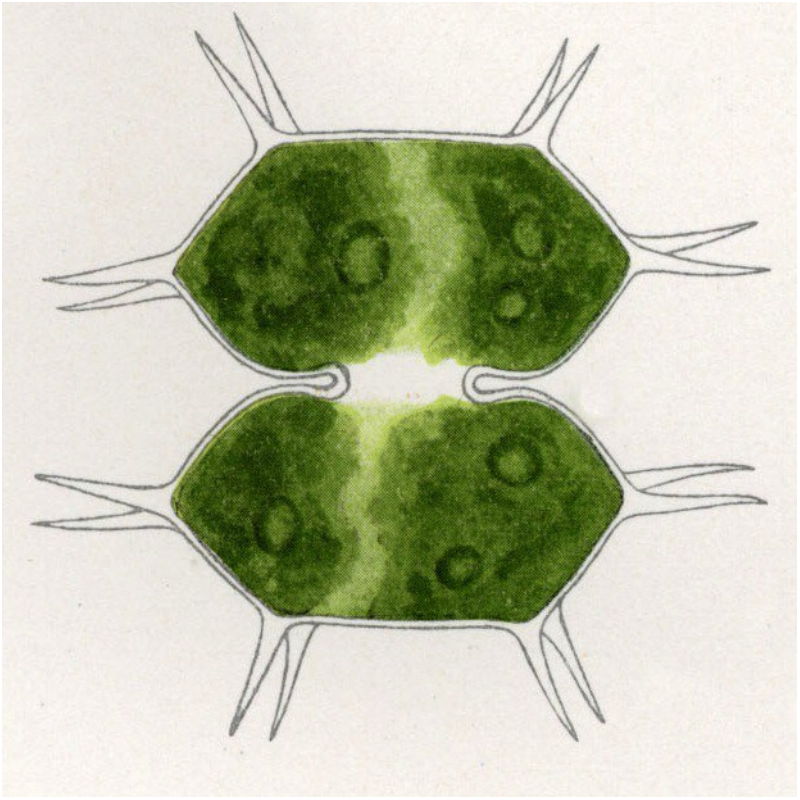
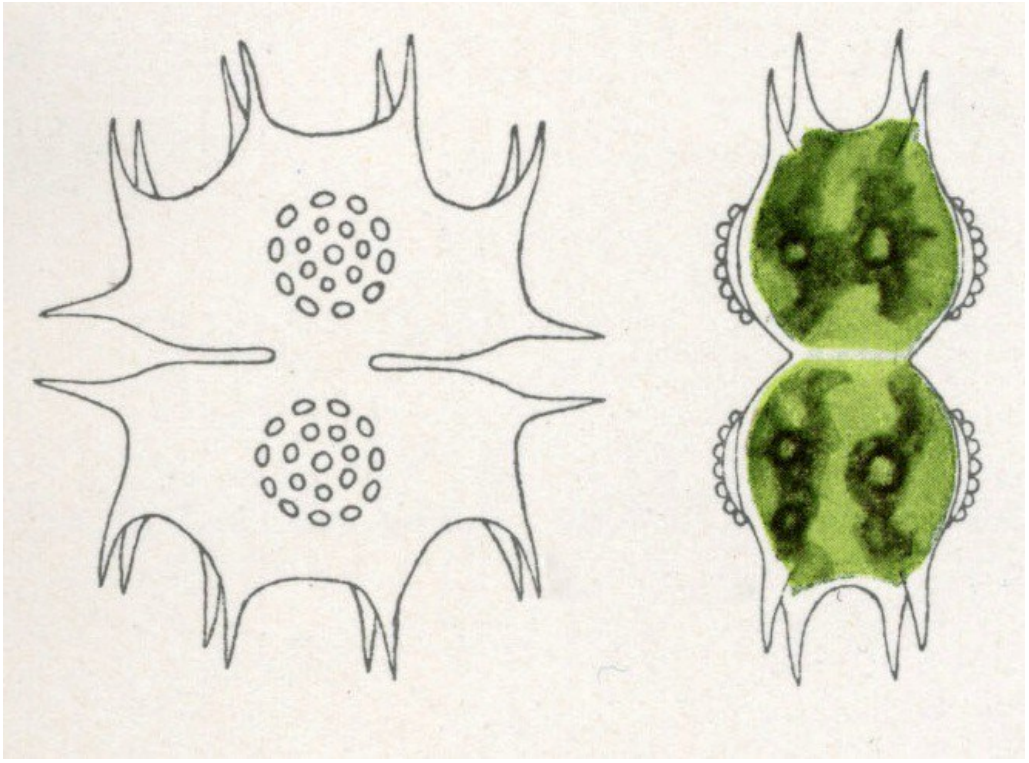
Systematische positie van genus *Xanthidium*, *Xanthidium armatum* en *Staurastrum tumidum*

- morfologische verschillen
- moleculair onderzoek
- genus voor *Xanthidium armatum*
- genus voor *Staurastrum tumidum*

© Ton Joosten

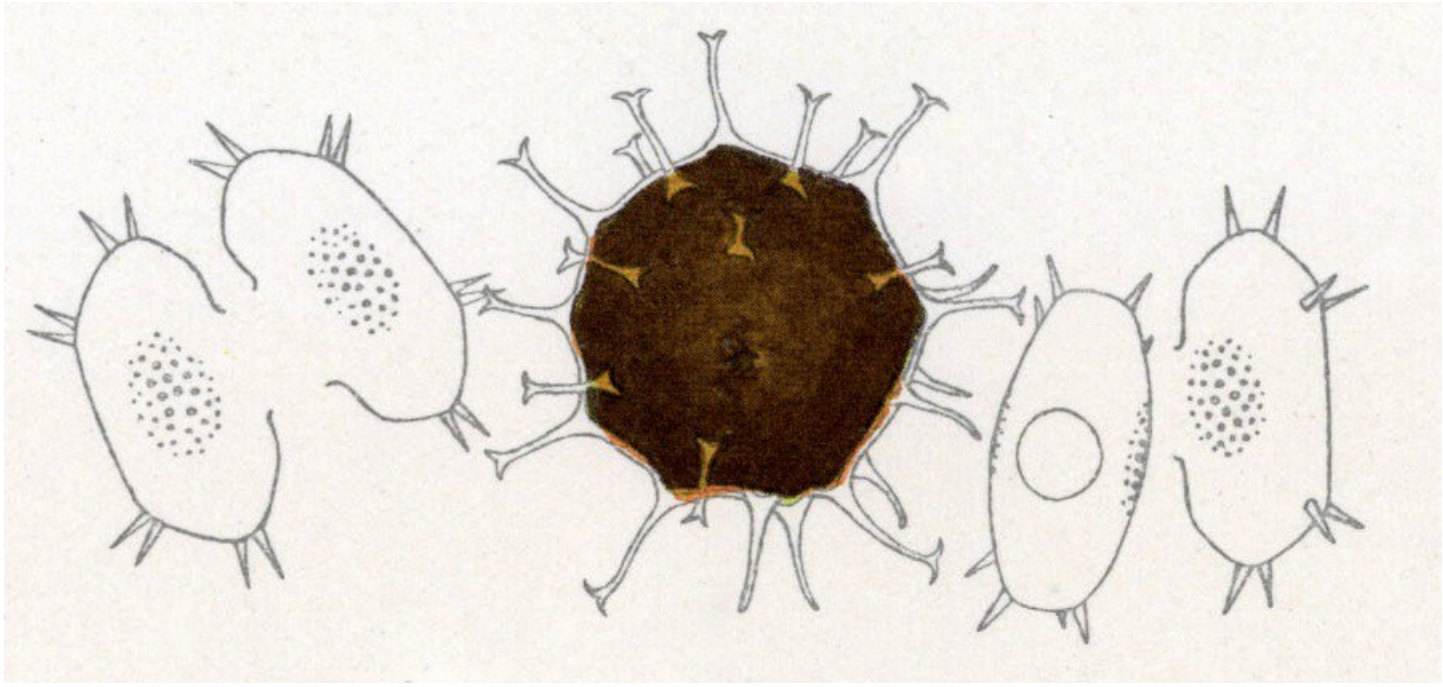
Xanthidium





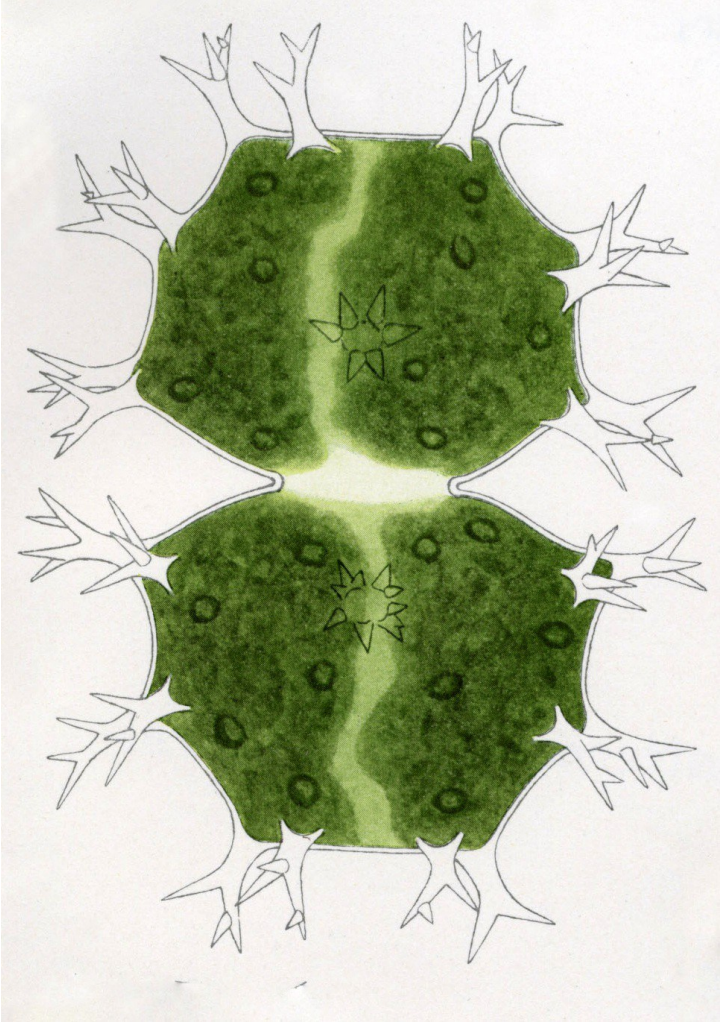
West & West 1912

Xanthidium

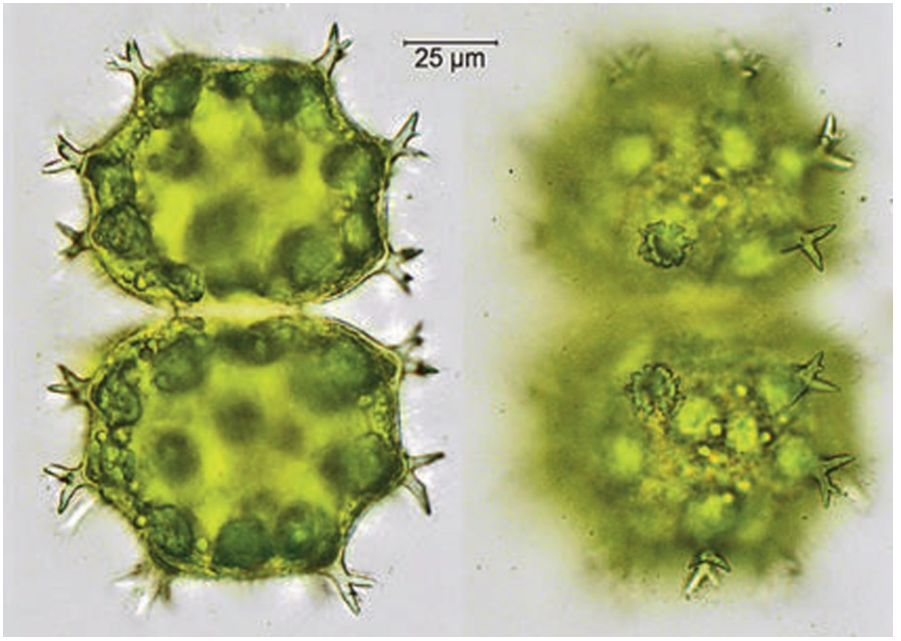


West & West 1912

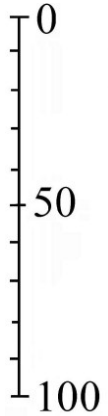
Xanthidium armatum



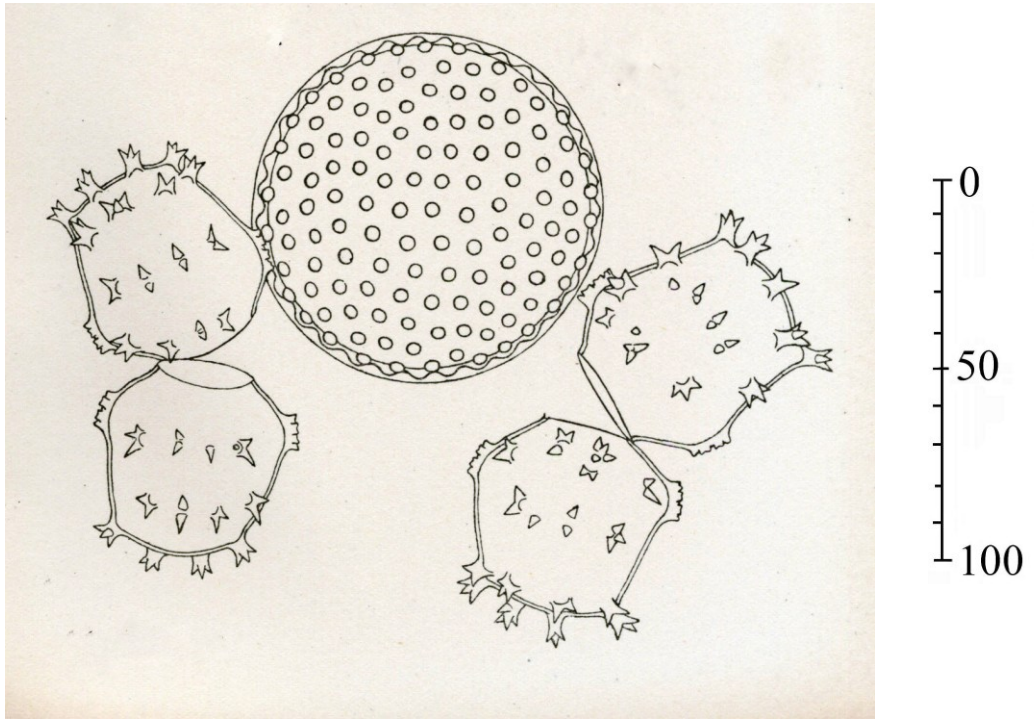
West & West 1912



Stutz & Mattern 2018

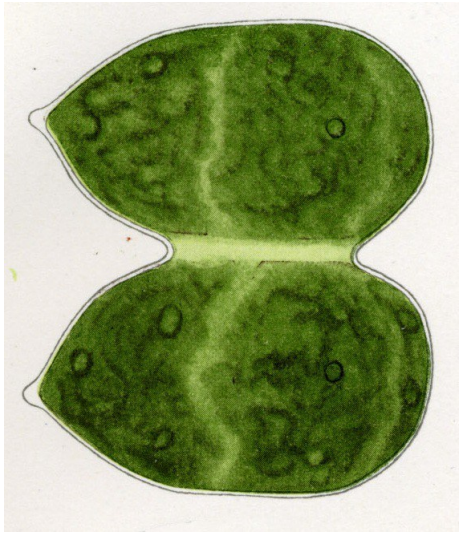


Xanthidium

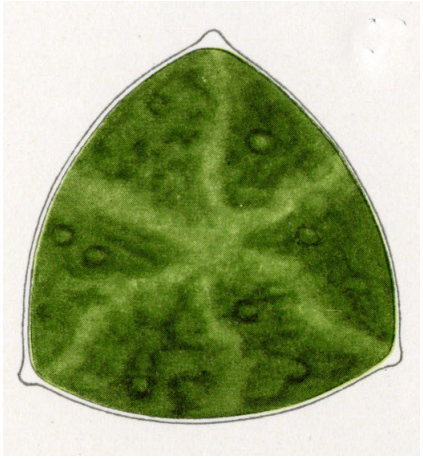


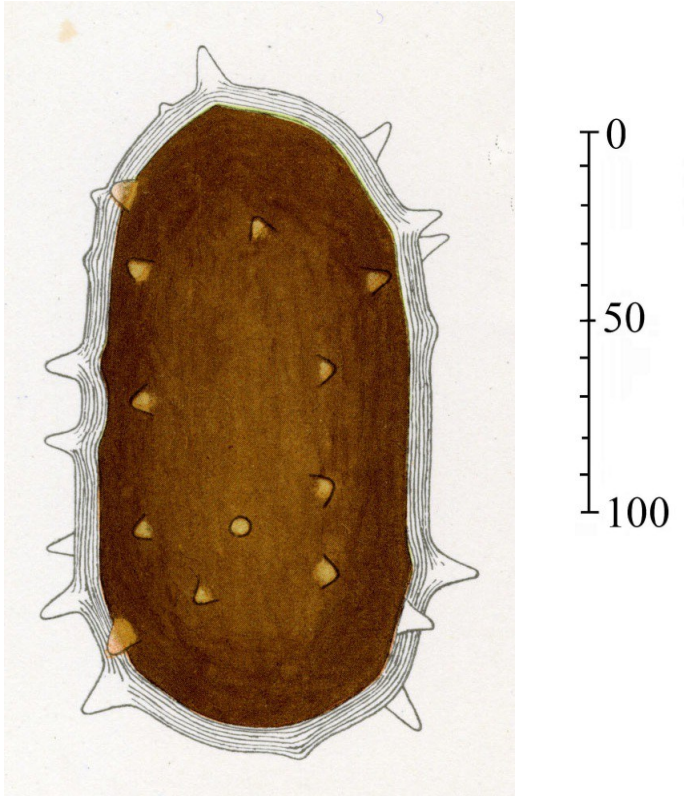
West & West 1912

Staurastrum tumidum



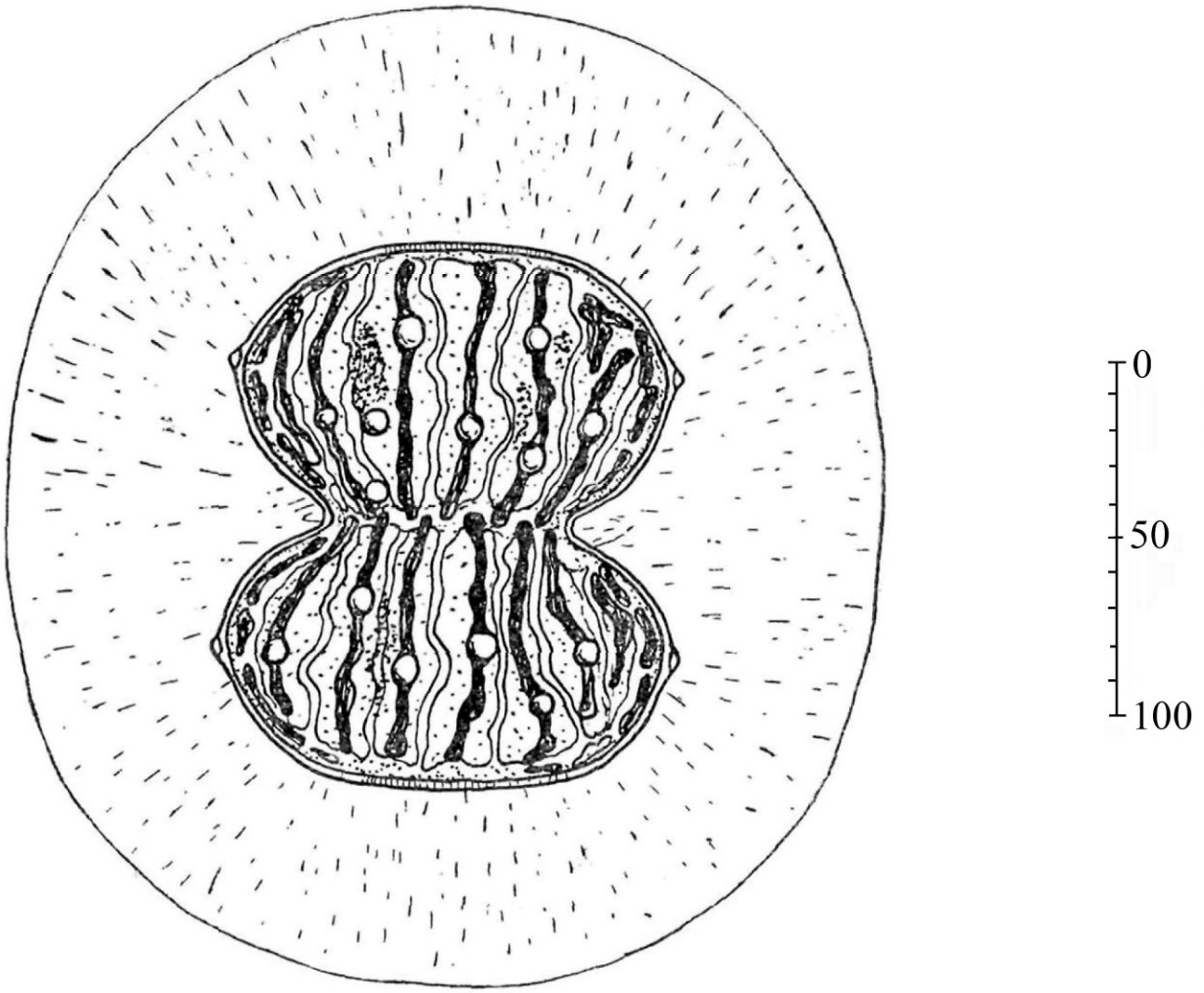
West & West 2013



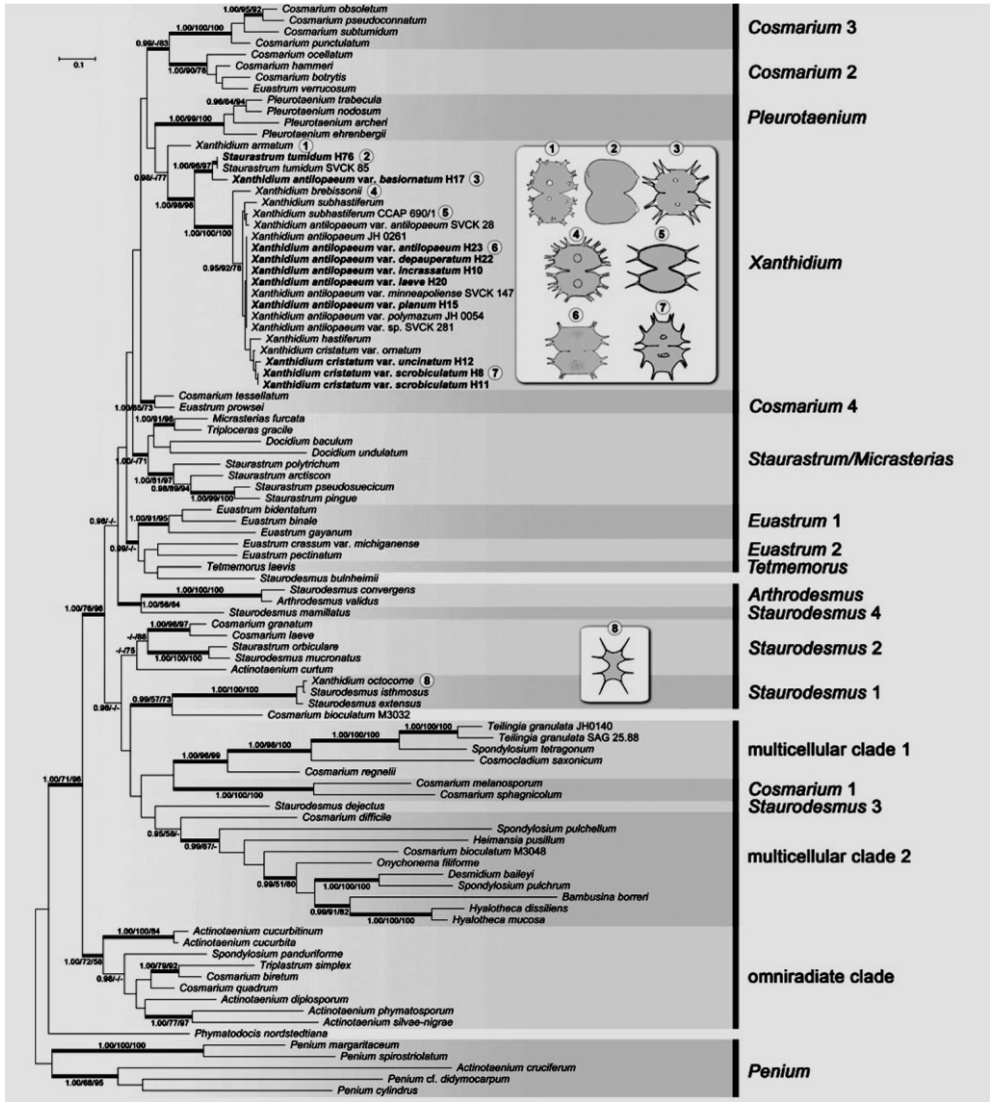


Staurastrum

tumidum



Kiermayer & Jarosch 1960



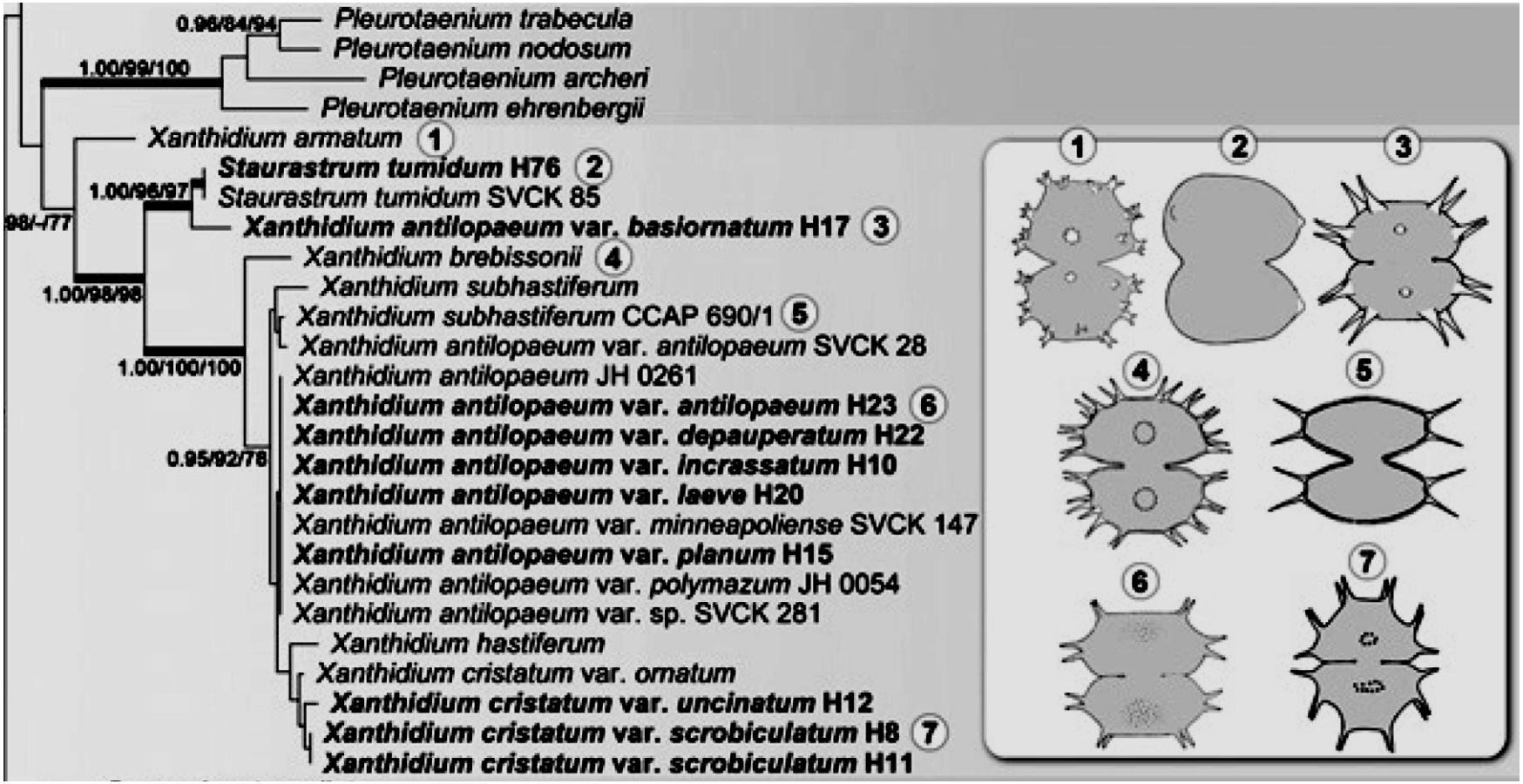
Šťastný *et al. 2013*

Staurastrum tumidum

is verwant aan

Xanthidium en

Xanthidium armatum



Šťastný *et al. 2013*

Genus *Zygoxanthium* C.G. Ehrenberg 1840 ex F.T. Kützing 1849

Lectotypus prop.: *Zygoxanthium echinus* (C.G. Ehrenberg 1840) ex F.T. Kützing.

Prioriteit voor:

Zygoxanthium arnatum (J. Ralfs 1848) comb. nov.

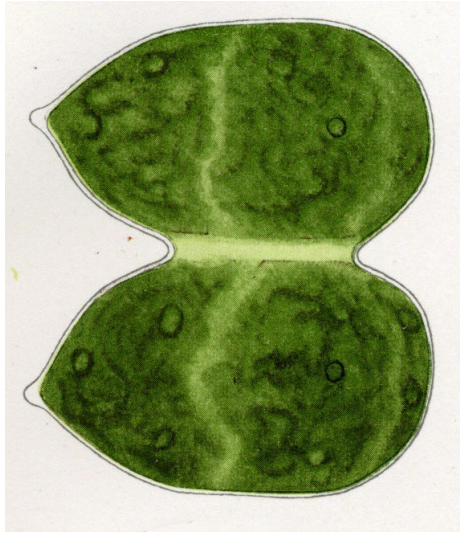
Basioniem: *Xanthidium armatum* J. Ralfs 1848.

Ehrenberg nr. 1333

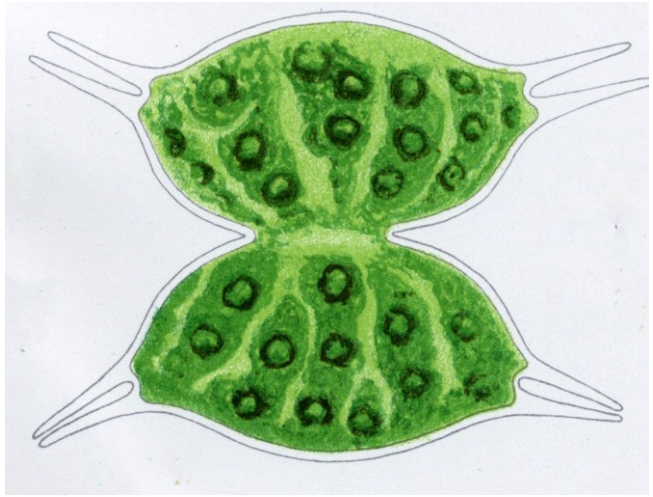
Genus *Pleurenterium* (P.M. Lundell 1871) N.G. von Lagerheim 1888: 10

- *Pleurenterium tumidum* (L.A. de Brébisson ex J. Ralfs 1848) J.N.F. Wille 1890
- *Pleurenterium longispinum* (J.W. Bailey 1851) N.G. von Lagerheim 1888 (lectotypus!)
- *Pleurenterium grande* (C.O. Bulnheim) J.N.F. Wille 1890

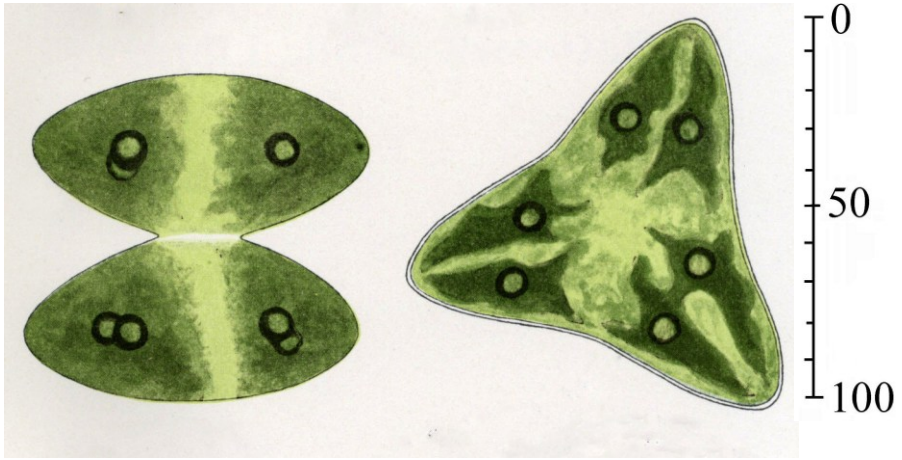
Genus Pleurenterium: apart genus nodig voor *P. armatum*?



Pleurenterium tumidum



Pleurenterium longispinum (lectotypus)



Pleurenterium grande

(allen West & West 1912)