

## Floristic Taxonomy Seminar (= UMSL Bio 5079 / WU L41 585 BIOL) – Spring 2022.

Fridays, 3:00-4.00 pm

Zoom Link: <https://zoom.us/j/95690083093>

Meeting ID: 956 9008 3093

I am always happy to go over your presentation before you give it – just set up a meeting ([peter.stevens@mobot.org](mailto:peter.stevens@mobot.org)).

- Jan. 28. P. F. Stevens. Some developments in vascular plant systematics since last Fall.
- Feb. 4. P. F. Stevens. Monocots: introduction, Acorales: Acoraceae. Alismatales: Tofieldiaceae.
- Feb 11. Tyler Thrash. Alismatales: Araceae.
- Feb. 18. Alismatales: The aquatics I - Introduction, Alismataceae, Butomaceae, Hydrocharitaceae.
- Feb. 25. Alismatales: The aquatics II - Scheuchzeriaceae, Aponogetonaceae, Juncaginaceae, Maundiaceae, Posidoniaceae, Ruppiaceae, Cymodoceaceae, Zosteraceae, Potamogetonaceae - only 19 genera...
- Mar. 4. Petrosaviales: Petrosaviaceae. Dioscoreales: Nartheciaceae, Taccaceae, Thismiaceae.
- Mar. 11. Belen Alvestegui. Dioscoreales: Burmanniaceae, Dioscoreaceae.
- Mar. 18. Emily Beahm. Pandanales: Velloziaceae, Stemonaceae.
- Mar. 25. Tyler Thrash. Pandanales: Triuridaceae, Pandanaceae, Cyclanthaceae.
- Apr. 1. **Mid-Term Break.**
- Apr. 8. Emily Beahm. Asparagales: Orchidaceae 1 (Apostasioideae, Vanilloideae, Cypripedioideae, Orchidoideae).
- Apr. 15. Jake Manis. Asparagales: Orchidaceae 2 (Epidendroideae).
- Apr. 22. Jake Manis. Asparagales: Boryaceae, Blandfordiaceae, Asteliaceae, Lanariaceae, Hypoxidaceae.
- Apr. 29. Belen Alvestegui. Asparagales: Ixoliriaceae, Tecophilaeaceae, Doryanthaceae, Iridaceae 1 (Isophysidoideae, Geosiridoideae).
- May 6. Asparagales: Iridaceae 2 (the rest).

### Major Resources:

Byng, J. W. 2014. *The Flowering Plants Handbook: A practical guide to families and genera of the world*. Plant Gateway, Hertford.

Christenhusz, M. J. M., Fay, M. F., & Chase, M. W. 2017. *Plants of the World. An Illustrated Encyclopedia of Vascular Plant Families*. Kew Publishing, Richmond.

Johansson, J. T. 2013 (and onwards). *The Phylogeny of Angiosperms*. <http://angio.bergianska.se> This is no longer being maintained.

Judd, W. S., Campbell, C. S., Kellogg, E. A., Stevens, P. F., & Donoghue, M. J. 2015. *Plant Systematics: A Phylogenetic Approach*. Ed. 4. Sinauer, Sunderland, Mass.

Kubitzki, K. (et al., ed.). *The Families and Genera of Flowering Plants*. Springer, Berlin. See Vol.

Mabberley, D. J. 2017. *Mabberley's Plant Book*. Ed. 4. Cambridge University Press, Cambridge.

Soltis, D. E., Soltis, P. S., Endress, P. K., Chase, M. W., Manchester, S. R., Judd, W. S., Majure, L. C., & Mavrodiev, E. V. 2017. *Phylogeny and Evolution of Angiosperms*. Ed. 2. University of Chicago Press, Chicago.

*Angiosperm Phylogeny Website*. <http://www.mobot.org/mobot/research/apweb/> Recent changes have just (Jan. 17) been uploaded...