

NEW SUPRAGENERIC NAMES FOR VASCULAR PLANTS

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ABSTRACT

Five suprageneric names in current use are validated formally:
Peridisciales, Ixerbaceae, Lophiocarpaceae, Saccolomataceae, and Stixaceae.
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KEY WORDS: Peridisciales, Ixerbaceae, Lophiocarpaceae, Saccolomataceae, Stixaceae

An unanticipated delay in publication by Doweld of a summary of the classification of plants in a broad sense requires publication of five suprageneric names presently in current use (Thorne & Reveal 2007; Smith et al. 2006) so that they might be used. Justification and placement of these taxa are found in the above publications.

Peridisciales Doweld, **ord. nov.**

Based on a full and direct reference to the description in Latin associated with *Peridiscaceae* Kuhlmann in *Arq. Serv. Florest.* 3: 4. 1950, *nom. cons.*

Ixerbaceae Griseb. ex Doweld & Reveal, **fam. nov.**

Arbor glabra, ramis teretibus rugosis; folia opposita, alterna et subverticillata, coriacea, sempervirentia, lineari-elongata, glanduloso-serrata; flores 5-merus, in panícula brevi pauciflora axillari; ovarium superium, 5-lobum, 5-loculare, styli 5; capsula coriacea, dehiscens loculicide, semina 1-2 per loculum.

Lophiocarpaceae Doweld & Reveal, **fam. nov.**

Frutex vel herbae; folia alterna sessilia linearia, integerrima; flores hermaphroditi virides in spicis; bractae et bracteolae rhachidis persistentes

membranaceae; perianthium 5-partitum cum segmentis herbaceis persistentibus in fructu immutatis; ovarium superum substipitatum, stigmata 3-4; semina erecta.

Saccolomataceae Doweld, **fam. nov.**

Herbae terrestres, rhizomata repentes vel erecta aliquantum truncata; fila vascularia petioli ω -formia; laminae pinnatae vel decompositae, articuli pilorum nulli, venae discretiae; sori in venis; indusia scrotiformia vel cyathiformia.

Stixaceae Doweld, **fam. & stat. nov.**

Basionym: *Stixae* Hallier in Beih. Bot. Centralbl. 39: 26. 1923.

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LITERATURE CITED

- Smith, A. R., K. M. Pryer, E. Schuettpelz, P. Korall, H. Schneider and P. G. Wolf. 2006. A classification for extant ferns. *Taxon* 55: 705–731.
- Thorne, R. F. and J. L. Reveal. 2007. An updated classification of the class *Magnoliophyta* ("Angiospermae"). *Bot. Rev.* 73: 67-181.



Doweld, A and Reveal, James L. 2008. "New suprageneric names for vascular plants." *Phytologia* 90(3), 416–417.

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