

## Outlineoffungi.org - Note 1064 *Rogerpeteronia*

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### ***Rogerpeteronia*** Aime & McTaggart

*Rogerpeteronia* was proposed by de Sousa Aime & McTaggart (2021) to accommodate *R. torreyae* ( $\equiv$  *Caeoma torreyae*) as a monotype species based on morphological characteristics and phylogenetic analysis of LSU, SSU, and CO3 sequence data. The type species was found in *Torreya californica* in the USA. The genus is characterized by deep-seated, periphysate spermogonia and peteronia-like aecia. The sporothallus is unknown. *Rogerpeteronia* differs from all other rust fungi (*Pucciniales*) by the formation of gametothalli on *Taxaceae* (*Torreya*). The taxonomic placement of *Rogerpeteronia* is in *Rogerpeteroniaceae*, *Pucciniales*, *Pucciniomycetes*, *Pucciniomycotina*, and *Basidiomycota*.

### **Reference**

Aime MC, McTaggart AR. 2021 – A higher-rank classification for rust fungi, with notes on genera. *Fungal systematics and evolution* 7(1), 21–47.  
<https://doi.org/10.3114/fuse.2021.07.02>

### **Entry by**

**Maoqiang He**, State Key Laboratory of Mycology, Institute of Microbiology, Chinese Academy of Sciences, Beijing 100101, China

(Edited by **Rui-Lin Zhao**, **Maryam Tavakol Noorabadi**, **Kevin D. Hyde** & **Subodini N. Wijesinghe**)

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