

Checklist of the Triassic Dinoflagellate Cysts of Australia

Last updated: 15th February 2022

Committee: Daniel Mantle.

How to Cite: Daniel Mantle (2022). Checklist of Triassic Dinoflagellate Cysts of Australia.
<https://www.australasianpalaeontologists.org/databases>

The taxonomic classification follows Fensome et al. (1993), except where subsequent emendations have been made.

Division DINOFLAGELLATA (Bütschli 1885) Fensome et al. 1993

Subdivision DINOKARYOTA Fensome et al. 1993

Class DINOPHYCEAE Pascher 1914

Subclass GYMNODINIPHYCIDAE Fensome et al. 1993

Order SUESSIALES Fensome et al. 1993

Family SUESSIACEAE Fensome et al. 1993

Genus *Beaumontella* Below 1987

Beaumontella? caminuspina (Wall 1965) Below 1987

Beaumontella langii (Wall 1965) Below 1987

Genus *Noricysta* Bujak & Fisher 1976 emend. Dörhöfer & Davies 1980

Noricysta varivallata Bujak & Fisher 1976

Noricysta spp.

Genus *Suessia* Morbey 1975 emend. Below 1987

Suessia cristata Mantle, Riding, & Hannaford 2020

Suessia disintegra Mantle, Riding, & Hannaford 2020

Suessia? scabrata Mantle, Riding, & Hannaford 2020

Suessia swabiana Morbey 1975 emend. Below 1987

Genus *Wanneria* Below 1987

Wanneria backhousei Mantle, Riding, & Hannaford 2020

Wanneria hispida Mantle, Riding, & Hannaford 2020

Wanneria listeri (Stover & Helby 1987) Below 1987

Wanneria misolensis Below 1987

Subclass PERIDINIPHYCIDAE Fensome et al. 1993

Order GONYAULACALES Taylor 1980

Suborder RHAETOGONYAULACINEAE Norris 1978

**Family RHAETOGONYAULACACEAE Norris 1978 ex Norris in Fensome et al.
1998 nom. cons. prop.**

Genus *Dapcodinium* Evitt 1961 emend. Below 1987

Dapcodinium brenneri Mantle, Riding, & Hannaford 2020

Dapcodinium morgani Mantle, Riding, & Hannaford 2020

Dapcodinium polyedricum Below 1987

Dapcodinium priscum Evitt 1961 emend. Below 1987

Dapcodinium prolongatum Mantle, Riding, & Hannaford 2020

Dapcodinium tabulodiniopsis Mantle, Riding, & Hannaford 2020

Dapcodinium spp.

Genus *Rhaetogonyaulax* Sarjeant 1966 emend. Below 1987

Rhaetogonyaulax dilatata (Wiggins 1973) Stover & Evitt 1978

Rhaetogonyaulax nagelii Mantle, Riding, & Hannaford 2020

Rhaetogonyaulax rhaetica (Sarjeant 1963) Loeblich Jr & Loeblich III 1968

Rhaetogonyaulax wigginsii (Stover & Helby 1987) Lentin & Williams 1989

Rhaetogonyaulax wigginsii (Stover & Helby 1987) Lentin & Williams 1989 subsp.
wigginsii (autonym)

Rhaetogonyaulax wigginsii subsp. *claviger* Mantle, Riding, & Hannaford 2020

Subclass PERIDINIPHYCIDAE Fensome et al. 1993

Order GONYAULACALES Taylor 1980

Suborder UNCERTAIN

Family UNCERTAIN

Genus *Sahulidinium* Stover & Helby 1987

Sahulidinium ottii Stover & Helby 1987

Subclass PERIDINIPHYCIDAE Fensome et al. 1993

Order UNCERTAIN

Family UNCERTAIN

Genus *Hebecysta* Bujak & Fisher 1976

Hebecysta balmei (Stover & Helby 1987) Below 1987

Hebecysta brevicornuta Bujak & Fisher 1976

Hebecysta sp. cf. *H. brevicornuta* Bujak & Fisher 1976

Hebecysta spp.

Genus *Heibergella* Bujak & Fisher 1976

Heibergella asynnetrica Bujak & Fisher 1976

Heibergella kendelbachia (Morbey 1975) Lentin & Williams 1981

Heibergella? obelixii Mantle, Riding, & Hannaford 2020

Heibergella? obscura Mantle, Riding, & Hannaford 2020

Heibergella salebrosacea Bujak & Fisher 1976

Heibergella spp.

Genus *Sverdrupiella* Bujak & Fisher 1976

Sverdrupiella mutabilis Bujak & Fisher 1976

Sverdrupiella rhaetica Mantle, Riding, & Hannaford 2020

Sverdrupiella cf. *sabinensis* Bujak & Fisher 1976

Sverdrupiella usitata Bujak & Fisher 1976

Sverdrupiella warepaensis Helby & Wilson 1988

Sverdrupiella spp.

Subclass UNCERTAIN

Order UNCERTAIN

Family UNCERTAIN

Genus *Goodwynia* Mantle, Riding, & Hannaford 2020

Goodwynia dendroidea (Morbey 1975) Mantle, Riding, & Hannaford 2020

Goodwynia spinosa Mantle, Riding, & Hannaford 2020