

Checklist of the Permian and Carboniferous Trilobite Species of Australia

Last updated: 10th November 2021

Committee: Patrick Smith, Matthew Watters, Michelle Gray-Shields and Shulang Roy.

How to Cite: Patrick Smith, Matthew Watters, Michelle Gray-Shields and Shulang Roy (2021). Checklist of the Permian and Carboniferous Trilobite Species of Australia.

<https://www.australasianpalaeontologists.org/databases>

Class Trilobita Walch 1771

Order Aulacopleurida Adrain 2011

Superfamily Aulacopleuroidea Angelin 1854

Family Aulacopleuridae Angelin 1854

Subfamily Otarioninae Richter & Richter 1926

Genus *Namuropyge* Richter & Richter 1939

Namuropyge australis Engel & Morris 1991

- *Namuropyge australis* Engel & Morris 1991
- *Namuropyge australis* Vanderlaan & Ebach 2015

Namuropyge uniserialis Engel & Morris 1991

- *Namuropyge uniserialis* Engel & Morris 1991
- *Namuropyge uniserialis* Vanderlaan & Ebach 2015

Order Proetida Fortey & Owens 1975

Family Brachymetopidae Prantl & Pribyl 1950

Subfamily Brachymetopinae Prantl & Pribyl 1950

Genus *Brachymetopus* McCoy 1847

Subgenus *Brachymetopus* McCoy 1847

***Brachymetopus (Brachymetopus) gloriosus* Engel & Morris 1996**

- *Brachymetopus (Brachymetopus) maccoyi gloriosus* Engel & Morris 1996
- *Brachymetopus (Brachymetopus) gloriosus* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) intermedius* Engel & Morris 1992**

- *Brachymetopus dunstani* Mitchell 1918
- *Brachymetopus sp. indet.* Mitchell 1918
- *Brachymetopus (Brachymetopus) maccoyi intermedius* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) intermedius* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) medinodulosus* Engel & Morris 1992**

- *Brachymetopus (Brachymetopus) maccoyi medinodulosus* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) medinodulosus* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) ararat* Engel & Morris 1992**

- *Brachymetopus (Brachymetopus) maccoyi ararat* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) Ararat* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) regularis* Engel & Morris 1992**

- *Brachymetopus (Brachymetopus) maccoyi regularis* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) regularis* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) strzeleckii* McCoy 1847**

- *Brachymetopus strzeleckii* McCoy 1847
- *Brachymetopus (Brachymetopella) strzeleckii strzeleckii* Gandl 1987
- *Brachymetopus (Brachymetopus) strzeleckii strzeleckii* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) strzeleckii* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) strzeleckii strzeleckii* McCoy 1847**

- *Brachymetopus strzeleckii* McCoy 1847
- *Brachymetopus strzeleckii* de Koninck 1876/77
- *Brachymetopus strzeleckii* de Koninck 1898
- *Brachymetopus strzeleckii* Reed 1903
- *Brachymetopus strzeleckii* Mitchell 1918
- *Brachymetopus strzeleckii* Hahn & Hahn 1969
- *Brachymetopus (Brachymetopella) strzeleckii strzeleckii* Gandl 1987
- *Brachymetopus (Brachymetopus) strzeleckii strzeleckii* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) strzeleckii strzeleckii* Vanderlaan & Ebach 2015

***Brachymetopus (Brachymetopus) dunstani* Mitchell 1918**

- *Brachymetopus dunstani* Mitchell 1918
- *Brachymetopus dunstani* Hahn & Hahn 1969
- *Brachymetopus (Brachymetopella) strzeleckii? dunstani* Gandl 1987
- *Brachymetopus (Brachymetopus) strzeleckii dunstani* Engel & Morris 1992
- *Brachymetopus (Brachymetopus) dunstani* Vanderlaan & Ebach 2015

Brachymetopus (Brachymetopus?) subtilis Engel & Morris 1991

- *Brachymetopus (Spinimetopus) subtilis* Engel & Morris 1991
- *Brachymetopus (Brachymetopus?) subtilis* Vanderlaan & Ebach 2015

Genus Australosutura Campbell & Goldring in Amos *et al.* 1960

Australosutura campbelli Engel & Morris 1992

- *Australosutura sp.* Campbell & Engel 1963
- *Australosutura campbelli* Engel & Morris 1992
- *Australosutura campbelli* Vanderlaan & Ebach 2015

Australosutura gardneri (Mitchell 1992)

- *Cordania gardneri* Mitchell 1922
- *Cordania gardneri* Mitchell 1924
- *Australosutura gardneri* Campbell & Goldring 1960
- *Australosutura gardneri* Vanderlaan & Ebach 2015

Superfamily Proetoidae Hawle & Corda 1847

Family Proetidae Salter 1864

Subfamily Proetinae Salter 1864

Genus *Pudoproetus* Hessler 1963

Pudoproetus woodwardi (Etheridge Jr. 1892b)

- *Phillipsia woodwardi* Etheridge Jr. in Jack & Etheridge 1892b
- *Pudoproetus woodwardi* Engel & Morris 1996
- *Pudoproetus woodwardi* Vanderlaan & Ebach 2015

Pudoproetus cambretertus (Jell 1977)

- *Megaproetus cambretertus* Jell 1977
- *Pudoproetus cambretertus* Vanderlaan & Ebach 2015

Subfamily Crassitproetinae Osmólska 1970

Genus *Monodechenella* Stumm 1953

Monodechenella breviceps (Mitchell 1918)

- *Phillipsia* sp. indet.(b) Etheridge Jr 1892a
- *Phillipsia dungogensis* Mitchell 1918
- *Phillipsia breviceps* Mitchell 1918
- *Conophillipsia brevicaudata* Roberts 1963
- *P. cf. Phillipsia dungogensis* Roberts 1965
- *Conophillipsia brevicaudata* Roberts 1965
- *Conophillipsia brevicaudata* Hahn & Hahn 1967
- *Proetus (Pudoproetus) breviceps* Hahn & Hahn 1969
- *Conophillipsia brevicaudata* Osmólska 1970
- *Phillipsia? (Phillipsia?) dungogensis* Hahn & Hahn 1972
- *Conophillipsia brevicaudata* Hahn & Hahn 1972
- *Conophillipsia breviceps breviceps* Engel & Morris 1984
- *Conophillipsia breviceps dungogensis* Engel & Morris 1984
- *Monodechenella breviceps* Lieberman 1994
- *Monodechenella breviceps* Vanderlaan & Ebach 2015

Monodechenella speciosa (Engel & Morris 1984)

- *Conophillipsia speciosa* Engel & Morris 1984
- *Monodechenella speciosa* Vanderlaan & Ebach 2015

Monodechenella subtriangularis (Engel & Morris 1984)

- *Phillipsia* cf. *gemmulifera* McCoy 1847
- *Conophillipsia subtriangularis* Engel & Morris 1984
- *Monodechenella subtriangularis* Vanderlaan & Ebach 2015

Monodechenella subquadrata (Engel & Morris 1984)

- *Phillipsia woodwardi* Mitchell 1918
- *Phillipsia woodwardia?* Mitchell 1918
- *Conophillipsia subquadrata* Engel & Morris 1984
- *Monodechenella subquadrata* Vanderlaan & Ebach 2015

Monodechenella magna (Hahn & Hahn 1972)

- *Phillipsia grandis* Etheridge Jr. 1892a
- *Phillipsia* sp. indet. Etheridge Jr. 1892b
- *Phillipsia grandis* Etheridge Jr. 1917
- *Phillipsia grandis* Mitchell 1918
- *Linguaphillipsia? magna* Hahn & Hahn 1972
- *Conophillipsia magna* Engel & Morris 1984
- *Monodechenella magna* Vanderlaan & Ebach 2015

Monodechenella grandis (Etheridge Jr 1892a)

- *Phillipsia grandis* Etheridge Jr. 1892a
- *Griffithides sweeti* Etheridge Jr. 1892a
- *Phillipsia woodwardi* Jack and Etheridge Jr. 1892b
- *Phillipsia dubia* Jack and Etheridge Jr. 1892b
- *Phillipsia?* sp. indet. (*grandis*) Jack and Etheridge Jr. 1892b
- *Griffithides sweeti* Etheridge Jr. 1894
- *Phillipsia? robusta* Mitchell 1918

- *Phillipsia grandis* Mitchell 1918
- *Phillipsia woodwardi* Mitchell 1918
- *Griffithides sweeti* Mitchell 1918
- *Phillipsia? grandis* Campbell & Engel 1963
- *Cyrtoproetus sweeti* Hahn & Hahn 1969
- *Linguaphillipsia grandis* Osmólska 1970
- *Linguaphillipsia? grandis* Hahn & Hahn 1972
- *Conophillipsia woodwardi* Hahn & Hahn 1972
- *Conophillipsia grandis* Engel & Morris 1984
- *Monodechenella grandis* Vanderlaan & Ebach 2015

Monodechenella morganensis (Mitchell 1918)

- *Phillipsia morganensis* Mitchell 1918
- *Cyrtoproetus morganensis* Hahn & Hahn 1969
- *Conophillipsia morganensis* Engel & Morris 1984
- *Monodechenella morganensis* Vanderlaan & Ebach 2015

Family Phillipsiidae (Oehlert 1886)

Subfamily Archegoninae Hahn & Brauckmann 1984

Genus *Thalabaria* Engel & Morris 1989

Thalabaria plana (Engel & Morris 1980)

- *Cyrtoproetus planus* Engel & Morris 1980
- *Thalabaria plana* Engel & Morris 1989
- *Thalabaria plana* Vanderlaan & Ebach 2015

Genus *Xenoboloides* Brauckmann 1987

Xenoboloides peregrina (Engel & Morris 1980)

- *Liobole peregrina* Engel & Morris 1980
- *Xenoboloides peregrina* Brauckmann 1987
- *Xenoboloides peregrina* Vanderlaan & Ebach 2015

Subfamily Bollandiinae Hahn & Brauckmann 1988

Genus *Bollandia* Reed 1943

Bollandia? queenslandica Engel & Morris 1986

- *Bollandia (Capricornia) queenslandica* Engel & Morris 1996

- *Bollandia? queenslandica* Vanderlaan & Ebach 2015

Subfamily Cummingellinae Hahn & Hahn 1967

Genus *Australokaskia* Engel & Morris 1994

Australokaskia corrugata Engel & Morris 1994

- *Australokaskia (Australokaskia) corrugata* Engel & Morris 1994
- *Australokaskia corrugata* Vanderlaan & Ebach 2015

Australokaskia collina Engel & Morris 1994

- *Australokaskia (Australokaskia) collina* Engel & Morris 1994
- *Australokaskia collina* Vanderlaan & Ebach 2015

Australokaskia coulteri (Mitchell 1918)

- *Phillipsia coulteri* Mitchell 1918
- *Paladin (Kaskia) cf. arduennensis* Engel & Morris 1984
- *Paladin (Kaskia) cf. arduennensis* Hahn et al. 1986
- *Australokaskia (Australokaskia) coulteri* Engel & Morris 1994
- *Australokaskia coulteri* Vanderlaan & Ebach 2015

Australokaskia convexicaudata (Mitchell 1918)

- *Griffithides convexicaudatus* Mitchell 1918
- *Phillipsia convexicaudata* Mitchell non 1922
- *Griffithides? convexicaudatus* Campbell & Engel non 1963
- *Cummingella convexicaudata* Hahn & Hahn 1972
- *Cummingella (Cummingella) convexicaudata* Hahn et al. 1985
- *Australokaskia (Longilobus) convexicaudata* Engel & Morris 1995
- *Australokaskia convexicaudata* Vanderlaan & Ebach 2015

Australokaskia similis Engel & Morris 1995

- *Australokaskia (Longilobus) similis* Engel & Morris 1995
- *Australokaskia similis* Vanderlaan & Ebach 2015

Australokaskia nooroensis Engel & Morris 1995

- *Australokaskia (Planilobus) nooroensis* Engel & Morris 1995
- *Australokaskia nooroensis* Vanderlaan & Ebach 2015

Australokaskia constricta Engel & Morris 1995

- *Australokaskia (Planilobus) constricta* Engel & Morris 1995
- *Australokaskia constricta* Vanderlaan & Ebach 2015

Genus *Planokaskia* Engel & Morris 1994

Planokaskia gibsoni Engel & Morris 1994

- *Planokaskia gibsoni* Engel & Morris 1994
- *Planokaskia gibsoni* Vanderlaan & Ebach 2015

Subfamily Ditomopyginae Hupé 1953

Genus *Ditomopyge* Newell 1931

Ditomopyge meridionalis Teichert 1944

- *Ditomopyge meridionalis* Teichert 1944
- *Ditomopyge meridionalis* Vanderlaan & Ebach 2015

Subfamily Linguaphillipsiinae Hahn & Hahn 1972

Genus *Linguaphillipsia* Stubblefield 1948

Linguaphillipsia cangonensis Engel & Morris 1975

- *Linguaphillipsia cangonensis* Engel & Morris 1975
- *Linguaphillipsia cangonensis* Vanderlaan & Ebach 2015

Linguaphillipsia divergens Cvancara 1958

- *Phillipsia proxima* Mitchell 1918
- *Linguaphillipsia divergens* Cvancara 1958
- *Linguaphillipsia divergens* Hahn & Hahn 1972
- *Linguaphillipsia divergens* Engel & Morris 1975
- *Linguaphillipsia divergens* Vanderlaan & Ebach 2015

Linguaphillipsia elongata (Mitchell 1918)

- *Phillipsia dubia* Etheridge Jr. 1892a
- *Phillipsia* sp. indet. Etheridge Jr. 1892a
- *Phillipsia elongata* Mitchell 1918
- *Phillipsia stroudensis* Mitchell 1918
- *Phillipsia rouchelensis* Mitchell 1918
- *Phillipsia elongata* Fletcher 1971
- *Phillipsia?* *stroudensis* Fletcher 1971
- *Linguaphillipsia elongata* Hahn & Hahn 1972
- *Conophillipsia?* *rouchelensis* Hahn & Hahn 1972
- *Conophillipsia?* *stroudensis* Hahn & Hahn 1972
- *Linguaphillipsia elongata elongata* Engel & Morris 1975
- *Linguaphillipsia elongata* Vanderlaan & Ebach 2015

Linguaphillipsia engeli Galtier et al. 2007

- *Linguaphillipsia engeli* Talent & Feist in Galtier *et al.* 2007
- *Linguaphillipsia engeli* Vanderlaan & Ebach 2015

Linguaphillipsia parvula Engel & Morris 1996

- *Linguaphillipsia parvula* Engel & Morris 1996
- *Linguaphillipsia parvula* Vanderlaan & Ebach 2015

Linguaphillipsia rouchelensis (Mitchell 1918)

- *Phillipsia* sp. indet. Etheridge Jr. 1892a
- *Phillipsia rouchelensis* Mitchell 1918
- *Phillipsia rouchelensis* Fletcher 1971
- *Conophillipsia? rouchelensis* Hahn & Hahn 1972
- *Linguaphillipsia elongata rouchelensis* Engel & Morris 1975
- *Linguaphillipsia rouchelensis* Vanderlaan & Ebach 2015

Linguaphillipsia stanvellensis (Mitchell 1918)

- *Phillipsia dubia* Etheridge Jr. 1892b
- *Phillipsia stanvellensis* Mitchell 1918
- *Phillipsia? stanvellensis* Hill & Woods 1964
- *Phillipsia? stanvellensis* Hahn & Hahn 1972
- *Linguaphillipsia raglanensis* Engel & Morris 1975
- *Linguaphillipsia raglanensis* Engel & Morris 1996
- *Linguaphillipsia stanvellensis* Engel & Morris 1996
- *Linguaphillipsia stanvellensis* Vanderlaan & Ebach 2015

Linguaphillipsia c.f. *stanvellensis* Talent & Feist in Galtier et al. 2007

- *Linguaphillipsia* c.f. *stanvellensis* Talent & Feist in Galtier *et al.* 2007
- *Linguaphillipsia* c.f. *stanvellensis* Vanderlaan & Ebach 2015

Genus *Palaeophillipsia* Sugiyama & Okano 1944

Palaeophillipsia altocolata (Engel & Morris 1983)

- *Weberiphillipsia altocolata* Engel & Morris 1983
- *Palaeophillipsia altocolata* Vanderlaan & Ebach 2015

Palaeophillipsia collinsi (Mitchell 1918)

- *Phillipsia seminifera* de Koninck 1878
- *Phillipsia seminifera* Etheridge Jr. 1878
- *Phillipsia seminifera* Etheridge Jr. 1892a
- *Griffithides? sp.* Etheridge Jr. 1892a
- *Phillipsia seminifera* de Koninck 1898
- *Phillipsia collinsi* Mitchell 1918
- *Phillipsia* sp. 9 (cf. *Phillipsia collinsi* Mitchell) Weber 1937

- *Linguaphillipsia? collinsi* Stubblefield 1948
- *Weberiphillipsia (Linguaphillipsia?) collinsi* Osmólska 1970
- *Weberiphillipsia collinsi* Hahn & Hahn 1972
- *Weberiphillipsia (Linguaphillipsia?) collinsi* Kobayashi & Hamada 1978
- *Weberiphillipsia collinsi* Engel & Morris 1983
- *Weberiphillipsia girvanensis* Engel & Morris 1983
- *Palaeophillipsia collinsi* Vanderlaan & Ebach 2015

Palaeophillipsia osmolskae (Engel & Morris 1983)

- *Weberiphillipsia osmolskae* Engel & Morris 1983
- *Palaeophillipsia osmolskae* Vanderlaan & Ebach 2015

Palaeophillipsia robertsi (Engel & Morris 1983)

- *Weberiphillipsia robertsi* Engel & Morris 1983
- *Palaeophillipsia robertsi* Vanderlaan & Ebach 2015

Palaeophillipsia? squamata (Engel & Morris 1983)

- *Phillipsia squamata* Engel & Morris 1983
- *Palaeophillipsia? squamata* Vanderlaan & Ebach 2015

Subfamily Weaniinae Owens 1983

Genus *Carbonocoryphe* Richter & Richter 1950

Carbonocoryphe? rockhamptonensis (Mitchell 1918)

- *Phillipsia dubia* Etheridge Jr. 1892b
- *Phillipsia woodwardi* Etheridge Jr. 1982b
- *Phillipsia rockhamptonensis* Mitchell 1918
- *Conophillipsia? sp.* Campbell & Engel 1963
- *Phillipsia (Phillipsia?) rockhamptonensis* Hahn & Hahn 1972
- *Aprathia rockhamptonensis* Engel & Morris 1989
- *Carbonocoryphe? rockhamptonensis* Vanderlaan & Ebach 2015

Carbonocoryphe? applanata Engel & Morris 1980

- *Carbonocoryphe (Aprathia) applanata* Engel & Morris 1980
- *Aprathia applanata* Engel & Morris 1989
- *Carbonocoryphe? applanata* Vanderlaan & Ebach 2015

Genus *Dechenelloides* Gandl 1968

Dechenelloides? peoui Engel & Morris 1996

- *Dechenelloides peoui* Engel & Morris 1996
- *Dechenelloides? peoui* Vanderlaan & Ebach 2015

Genus *Doublatia* Wass & Banks 1971

Doublatia inflata Wass & Banks 1971

- *Doublatia inflata* Wass & Banks 1971
- *Doublatia inflata* Owens 1983
- *Doublatia inflata* Owens 2003
- *Doublatia inflata* Vanderlaan & Ebach 2015

Doublatia matheri Engel & Laurie 1978

- *Doublatia matheri* Engel & Laurie 1978
- *Doublatia matheri* Vanderlaan & Ebach 2015

Doublatia pyriforme Wass & Banks 1971

- *Doublatia pyriforme* Wass & Banks 1971
- *Doublatia pyriforme* Owens 1983
- *Doublatia pyriforme* Vanderlaan & Ebach 2015

Genus *Gracemerea* Engel & Morris 1989

Gracemerea archeri Engel & Morris 1989

- *Gracemerea archeri* Engel & Morris 1989
- *Gracemerea archeri* Vanderlaan & Ebach 2015

Genus *Schizophillipsia* Kobayashi & Hamada 1980

Schizophillipsia irvingi Engel & Morris 1989

- *Schizophillipsia irvingi* Engel & Morris 1989
- *Schizophillipsia irvingi* Vanderlaan & Ebach 2015

Schizophillipsia superba (Mitchell 1918)

- *Phillipsia superba* Mitchell 1918
- *Phillipsia convexicaudata* Mitchell 1922
- *Cummingella? superba* Hahn & Hahn 1972
- *Gitarra superba* Engel & Morris 1989
- *Weania (Rosehillia) superba* Engel & Morris 1997
- *Schizophillipsia superba* Vanderlaan & Ebach 2015

Genus *Weania* Campbell & Engel 1963

Weania berricoensis Engel & Morris 1989

- *Weania berricoensis* Engel & Morris 1989
- *Weania berricoensis* Vanderlaan & Ebach 2015

Weania goldringi Engel & Morris 1963

- *Weania goldringi* Campbell & Engel 1963
- *Archegonus (Weania) goldringi* Hahn & Hahn 1969
- *Weania goldringi* Engel & Morris 1989
- *Weania goldringi* Vanderlaan & Ebach 2015

Weania semicircularis (Engel & Morris 1996)

- *Phillipsia convexicaudata* Mitchell 1922
- *Aprathia semicircularis* Engel & Morris 1996
- *Weania semicircularis* Vanderlaan & Ebach 2015

Subfamily Uncertain

Genus *Malchi* Engel & Morris 1994

Malchi magnificus Engel & Morris 1994

- *Malchi magnificus* Engel & Morris 1994
- *Malchi magnificus* Vanderlaan & Ebach 2015

Genus Uncertain

gen. indet. *elegans* Engel & Morris 1989

- *Winterbergia elegans* Engel & Morris 1989
- gen. indet. *elegans* Vanderlaan & Ebach 2015

gen. indet. *keepitensis* Engel & Morris 1989

- *Winterbergia keepitensis* Engel & Morris 1989
- gen. indet. *keepitensis* Vanderlaan & Ebach 2015

gen. indet. *waterhousei* Mitchell 1918

- *Winterbergia? waterhousei* Engel & Morris 1989
- gen. indet. *waterhousei* Vanderlaan & Ebach 2015