

Check list of the Fossil Reptile and Amphibian Species of Australia

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Note:

For ichnotaxa, brackets after the taxonomic authority indicate the referring paper.

For example, *Kayentapus* ichnosp. indet. Welles, 1971 (Romilio et al., 2021)

Welles 1971 is the author for *Kayentapus*, whereas Romilio et al. (2021) assigned the track to it.

Superclass Tetrapoda Jaekel, 1909

Metaxygnathus denticulus Campbell and Bell, 1977

Ossinodus pueri Warren and Turner, 2004

Order Temnospondyli Zittel, 1887–1890

“Lepidostrobos” muelleri Johnston, 1885 (sensu Rozefelds and Warren, 2010)

Suborder Stereospondyli Zittel, 1887–1890

Capulomala arcadiaensis Warren, Damiani and Sengupta, 2009

Family Lydekkerinidae Watson, 1919

Chomatobatrachus halei Cosgriff, 1974

Lydekkerina huxleyi (Lydekker, 1889a) Broom, 1915

= *Bothriceps huxleyi* Lydekker, 1889a

Family Mastodonsauridae Lydekker, 1885 (sensu Moser and Schoch, 2007)

Bulgosuchus gargantuan Damiani, 1999

Paracyclotosaurus davidi Watson, 1958

Subcyclotosaurus brookvalensis Watson, 1958

= *Parotosaurus brookvalensis* Watson, 1958 (Welles and Cosgriff, 1965)

Warrenisuchus aliciae (Warren and Hutchinson, 1988) Maganuco, Steyer, Pasini, Boulay, Lorrain, Bénéteau and Auditore, 2009

= *Watsonisuchus aliciae* Warren and Hutchinson, 1988

Watsonisuchus wadei (Cosgriff, 1972) Damiani, 2001

= *Parotosaurus wadei* Cosgriff, 1972

= *Parotosuchus wadei* (Cosgriff, 1972) Warren, 1980

Watsonisuchus rewanensis (Warren, 1980) Damiani, 2001

= *Parotosuchus rewanensis* Warren, 1980

Watsonisuchus gunganj (Warren, 1980) Damiani, 2001

= *Parotosuchus gunganj* Warren, 1980

Family Trematosauridae Watson, 1919

Erythrobatrachus noonkanbahensis Cosgriff and Garbutt, 1972

Microposaurus averyi Warren, 2012

Tirraturhinus smisseni Nield, Damiani and Warren 2006

Family Plagiosauridae Abel, 1919

Plagiobatrachus australis Warren, 1985

Superfamily Brachyopoidea Lydekker, 1885

Austropelor wadleyi Longman, 1941

Keratobrachyops australis Warren, 1981

Family Brachyopidae Lydekker, 1885

Banksiops townrowi (Cosgriff, 1974) Warren and Marsicano, 2000

= *Blinasaurus townrowi* Cosgriff, 1974

= *Banksia townrowi* (Cosgriff, 1974) Warren and Marsicano, 1998

Batrachosuchus henwoodi (Cosgriff, 1969) Warren and Marsicano, 1998

= *Blinasaurus henwoodi* Cosgriff, 1969

Bothriceps australis Huxley, 1859

Notobrachyops picketti Cosgriff, 1967

Platycepsion wilkinsonii (Stephens, 1887) Shishkin, 1973

= *Platyceps wilkinsonii* Stephens, 1887

= *Blinasaurus wilkinsonii* (Stephens, 1887) Cosgriff, 1969

Xenobrachyops allos (Howie, 1972a) Warren and Hutchinson, 1983

= *Brachyops allos* Howie, 1972a

Family Chigutisauridae Rusconi, 1951

Koolasuchus cleelandi Warren, Rich and Vickers-Rich, 1997

Siderops kehli Warren and Hutchinson, 1983

Family Rhytidosteidae Huene, 1920

Acerastea wadeae Warren and Hutchinson, 1987

Arcadia myriadens Warren and Black, 1985

Deltasaurus kimberleyensis Cosgriff, 1965

Deltasaurus pustulatus Cosgriff, 1965

Derwentia warreni Cosgriff, 1974

Lapillopsis nana Warren and Hutchinson, 1990

Nanolania anatopretia Yates, 2000

Rewana quadricuneata Howie, 1972b

Rotaurisaurus contundo Yates, 1999

Trucheosaurus major (Smith Woodward, 1909) Watson, 1956

= *Bothriceps major* Smith Woodward, 1909

= *Bothriceps woodwardi* Moodie, 1911

Order Anura Duméril, 1806

Family Pelodryadidae Günther, 1858

Australobatrachus ilius Tyler, 1976

Australobatrachus undulatus Tyler, 1994

Litoria conicula Tyler, 1994

Litoria curvata Tyler, 1994

Litoria lundeliusi Tyler and Prideaux, 2016

Litoria magna Tyler, 1991

Family ?Pelodryadidae Günther, 1858

Etnabatrachus maximus Hocknull, 2003

Family Myobatrachidae Schlegel In Gray, 1850

Crinia lacinia Tyler, Megirian and Russell, 2003

Crinia presignifera Tyler, 1991

Kyarranus borealis Tyler, 1991

Lechriodus bauzeorum Tyler, Megirian and Russell, 2003

Lechriodus casca Tyler and Godthelp, 1993

Lechriodus intergerivus Tyler, 1989

Limnodynastes antecessor Tyler, 1990

Limnodynastes archeri Tyler, 1982

Limnodynastes waterhousae Tyler, 2010

Clade Parareptilia Olson, 1947 (*sensu* Laurin and Reisz, 1995)

Superfamily Procolophonoidea Romer, 1956

Family Procolophonidae Seeley, 1888

Eomurunna yurrgensis Hamley, Cisneros and Damiani, 2020

Clade Sauropsida Huxley, 1864

Sauropsid taxa of uncertain rank

Kudnu mackinlayi Bartholomai, 1979

Order Ichthyosauria de Blainville, 1835

Family Ophthalmosauridae Baur, 1887

Subfamily Platypterygiinae Arkhangel'sky, 2001 (*sensu* Fischer, Maisch, Naish, Liston, Kosma, Joger, Krüger, Pardo-Pérez, Tainsh and Appleby, 2012)

Platypterygius australis (M'Coy, 1867) McGowan, 1972 (*sensu* Zammit, 2010)

= *Ichthyosaurus australis* M'Coy, 1867

= *Ichthyosaurus marathonensis* Etheridge, 1888

= *Myopterygius marathonensis* (Etheridge, 1888) von Huene, 1922

= *Myopterygius australis* (M'Coy, 1867) Teichert and Matheson, 1944 (*sensu* Fischer, 2016)

= *Platypterygius longmani* Wade, 1990

= *Platypterygius* sp. indet. Choo, 1999

= cf. *Platypterygius* sp. Kear, 2005

Order Sauropterygia Owen, 1860

Family Pliosauridae Seeley, 1874

Kronosaurus queenslandicus Longman, 1924 (*sensu* McHenry, 2009)

Superfamily Plesiosauroidea Welles, 1943 (*sensu* Ketchum and Benson, 2010)

Family Cryptocleididae Williston, 1925

Opallionectes andamookaensis Kear, 2006

Clade Leptocleidia Ketchum and Benson, 2010

Leptocleidus clemai Cruickshank and Long, 1997

Umoonasaurus demoscyllus Kear, Schroeder and Lee, 2006

Family Polycotylidae Cope, 1869

“Cimoliosaurus” leucoscopelus Etheridge, 1897 [*nomen dubium*]

= ?*Dolichorhynchops* sp. Persson, 1960

= *Dolichorhynchops* sp. Welles, 1962

= *Trinacromerum?* *leucoscopelus* (Etheridge, 1897) Molnar, 1982

= ?*“Trinacromeron” leucoscopelus* (Etheridge, 1897) Molnar, 1991

= ?Polycotylidae indet. Kear, 2003

= Polycotylidae gen. et sp. indet. Kear, 2005

Family Elasmosauridae Cope, 1869

“Plesiosaurus” sutherlandi M’Coy, 1867 [*nomen dubium*]

= Cimoliasauridae gen. et sp. indet. Persson, 1960

= Elasmosauridae indet. Welles, 1962

= Elasmosauridae gen. et sp. indet. Kear, 2003

“Plesiosaurus” macrospondylus M’Coy, 1867 [*nomen dubium*]

= *Pliosaurus macrospondylus* (M’Coy, 1867) Chapman, 1914

= Elasmosauridae gen. et sp. indet. Welles, 1962

= Elasmosauridae gen. et sp. indet. Kear, 2003

“Cimoliosaurus” maccoyi Etheridge, 1904 [*nomen dubium*]

= Elasmosauridae indet. Kear, 2002

= Elasmosauridae gen. et sp. indet. Kear, 2003

Woolungasaurus glendowerensis Persson, 1960 [*nomen dubium*]

= Elasmosauridae indet. Kear, 2003

= *Styxosaurus glendowerensis* (Persson, 1960) Sachs, 2004

= Elasmosauridae indet. Kear, 2005

= Elasmosauridae indet. Kear, 2007

Eromangasaurus australis (Sachs, 2005) Kear, 2007

= *Woolungasaurus* cf. *Woolungasaurus glendowerensis* Persson, 1982

= Elasmosauridae ?gen. et sp. nov. Thulborn and Turner, 1993

= *Tuarangisaurus australis* Sachs, 2005

= *Eromangasaurus carinognathus* Kear, 2005

Order Squamata Opper, 1811

Family Agamidae Gray, 1827

Physignathus sp. Covacevich et al., 1990

Sulcatidens quadratus Covacevich et al., 1990

Family Pygopodidae Boulenger, 1884

Pygopus hortulanus Hutchinson, 1997

Family Scincidae Gray, 1825

Subfamily Egerniinae Gray, 1838

Aethesia frangens Hutchinson and Scanlon, 2009

Egernia gillespieae Thorn, Hutchinson, Archer and Lee, 2019

Proegernia mikebulli Thorn et al., 2021

Proegernia palankarinnensis Martin et al., 2004

Tiliqua laticephala Čerňanský and Hutchinson, 2013

Tiliqua pusilla Shea and Hutchinson, 1992

Tiliqua wilkinsonorum Hutchinson and Mackness, 2002

Family Varanidae Merrem, 1820

Varanus komodoensis Ouwens, 1912 [extant]

Varanus priscus (Owen, 1859) Lydekker, 1888

= *Megalania prisca* Owen, 1859

Family Madtsoiidae Hoffstetter, 1961

Alamitophis tingamarra Scanlon, 2005

Nanowana godthelpi Scanlon, 1997

Nanowana schrenki Scanlon, 1997

Patagoniophis australiensis Scanlon 2005

Wonambi barriei Scanlon and Lee, 2000

Wonambi naracoortensis Smith, 1976

Yurlunggur camfieldensis Scanlon, 1992

Family Pythonidae

Liasis dubudingala Scanlon and Mackness 2002

Morelia riversleighensis (Smith and Plane, 1985) Scanlon, 2001

= *Montypythonoides riversleighensis* Smith and Plane, 1985

Family Elapidae

Incongruelaps iteratus Scanlon, Lee and Archer, 2003

Clade Testudinata Klein, 1760

Chelycarapookus arcuatus Warren, 1969 [*nomen dubium*]

Clade Mesochelydia Joyce, 2017

Spoochelys ormondea Smith and Kear, 2013

Clade Meiolaniformes Sterli and de la Fuente, 2012

Otwayemys cunicularius Gaffney, Kool, Brinkman, Rich and Vickers-Rich, 1998

Family Meiolaniidae Lydekker, 1887

Meiolania brevicollis Megirian, 1992

Meiolania platyceps Owen, 1886

Ninjemys oweni (Smith Woodward, 1888) Gaffney, 1992

= *Meiolania oweni* Smith Woodward, 1888

Warkalania carinaminor Gaffney, Archer and White, 1992

Order Testudines Batsch, 1788

Family Chelidae Gray, 1831

Birlimarr gaffneyi Megirian and Murray, 1999

Chelodina alanruxi Lapparent de Broin and Molnar, 2001

Chelodina insculpta de Vis, 1897

Chelodina murrayi Yates, 2013

Elseya lavarackorum (White and Archer, 1994) Thomson, White and Georges,
1997

= *Emydura lavarackorum* White and Archer, 1994

Elseya nadibajagu Thomson and Mackness, 1999

Elseya oneiros Joseph-Ouni, McCord, Cann, Smales, Freeman, Sadlier, Couper,
White and Amey, 2020 [extant]

= *Elseya lavarackorum* (White and Archer, 1994) Thomson, White and Georges, 1997

Elseya uberima (de Vis, 1897) Thomson, 2000

= *Chelymys uberima* de Vis, 1897

= *Chelymys antiqua* de Vis, 1897

= *Chelymys arata* de Vis, 1897

= *Pelecomastes ampla* de Vis, 1897

Emydura macquarii (Gray, 1830) [extant]

Rheodytes devisi Thomson, 2000

Family Trionychidae Fitzinger, 1826

Murgonemys braithwaitei White, 2001

Family Protostegidae Cope, 1872

Notochelone costata (Owen, 1882) Lydekker, 1889b

= *Notochelys costata* Owen, 1882

Cratochelone berneyi Longman, 1915

Bouliachelys suteri Kear and Lee, 2006

= cf. *Notochelone* Gaffney, 1981

Clade Archosauromorpha von Huene, 1946

Kalisuchus rewanensis Thulborn, 1979

Family ?Proterosuchidae von Huene, 1914

Tasmaniosaurus triassicus Camp and Banks, 1978

Family ?Prolacertidae Parrington, 1935

Kadimakara australiensis Bartholomai, 1979

Sauroposid ichnotaxa of uncertain rank

Plectropterna ichnosp. indet. Hitchcock, 1845 (Molnar, 1982)

?*Steropoides* Hitchcock, 1845 (Grant-Mackie et al., 2000)

Crocodylomorpha Walker, 1970 (*sensu* Benton and Clark, 1988)

Family Susisuchidae Salisbury, Frey, Martill and Buchy, 2003

Isisfordia duncani Salisbury, Molnar, Frey and Willis, 2006

Isisfordia molnari Hart, Bell, Smith and Salisbury, 2019

Isisfordia selaslophensis (Etheridge, 1917) Hart, 2020

= *Crocodylus* (?*Botosaurus*) *selaslophensis* Etheridge, 1917

= *Crocodylus* (*Bottosaurus*) *selaslophensis* (Etheridge, 1917) Molnar, 1980a

Family Gavialidae Adams, 1854

Gavialis papuensis de Vis, 1905

Family Crocodylidae Cuvier, 1807

Harpacochampsia camfieldensis Megirian, Murray and Willis, 1991

Subfamily Tomistominae

Gunggamarandu maunala Ristevski, Price, Weisbecker and Salisbury, 2021

Subfamily Crocodylinae Cuvier, 1807

Crocodylus johnstoni Krefft, 1873 [extant]

Crocodylus porosus Schneider, 1801 [extant]

= *Crocodylus nathani* Longman, 1924

Subfamily Mekosuchinae Willis, Molnar & Scanlon, 1993

Australosuchus clarkae Willis and Molnar, 1991

Baru darrowi Willis, Murray and Megirian, 1990

Baru huberi Willis, 1997

Baru wickeni Willis, 1997

Kalthifrons aurivellensis Yates and Pledge, 2017

Kambara murgonensis Willis, Molnar and Scanlon, 1993

Kambara implexidens Salisbury and Willis, 1996

Kambara molnari Holt, Salisbury and Willis, 2005

Kambara taraina Buchanan, 2009

Mekosuchus whitehunterensis Willis, 1997

Mekosuchus sanderi Willis, 2001

Pallimnarchus pollens de Vis, 1886 [*nomen dubium*]

Paludirex vincenti Ristevski, Yates, Price, Molnar, Weisbecker, and Salisbury, 2020

Paludirex gracilis (Willis and Molnar, 1997) Ristevski, Yates, Price, Molnar,
Weisbecker, and Salisbury, 2020

= *Pallimnarchus gracilis* Willis and Molnar, 1997

Quinkana fortirostrum Molnar, 1981

Quinkana timara Megirian, 1994

Quinkana babarra Willis and Mackness, 1996

Quinkana meboldi Willis, 1997

Trilophosuchus rackhami Willis, 1993

Ultrastenos willisi Stein, Hand and Archer, 2016

Crocodylomorph ichnotaxa

Hatcherichnus ichnsp. indet. Foster and Lockley, 1997 (Poropat et al., 2021)

Order Pterosauria Kaup, 1834

Suborder Pterodactyloidea Plieninger, 1901

Clade Ornithocheiroidea Seeley, 1870 (sensu Bennett, 1994)

Clade Pteranodontoidea Marsh, 1876 (sensu Kellner, 2003)

Clade Lanceodontia Andres, Clark, and Xu, 2014

Clade Ornithocheirae Seeley, 1870 (sensu Andres et al., 2014)

Clade Targaryendraconia Pêgas, Holgado and Leal, 2019

Aussiedraco molnari Kellner, Rodrigues and Costa 2011

Clade Anhangueria Rodrigues and Kellner, 2013

Clade Tropeognathinae Holgado and Pêgas, 2020

Mythunga camara Molnar and Thulborn, 2007

Ferrodraco lentoni Pentland, Poropat, Tischler, Sloan, Elliott, Elliott, Elliott and Elliott, 2019

Thapunngaka shawi Richards, Stumkat and Salisbury, 2021

Clade Dinosauria Owen, 1842

Clade Saurischia Seeley, 1887

Clade Sauropodomorpha von Huene, 1932

Clade Sauropoda Marsh, 1878

Rhoetosaurus brownei Longman, 1926

Clade Macronaria Wilson and Sereno, 1998

Clade Titanosauriformes Salgado, Coria and Calvo, 1997

Clade Somphospondyli Wilson and Sereno, 1998

Austrosaurus mckillopi Longman, 1933

Wintonotitan wattsi Hocknull, White, Tischler, Cook, Calleja, Sloan and Elliott,
2009

Clade Titanosauria Bonaparte and Coria, 1993

Clade Diamantinasauria Poropat, Kundrat, Mannion, Upchurch, Tischler and
Elliott, 2021

Diamantinasaurus matildae Hocknull, White, Tischler, Cook, Calleja, Sloan and
Elliott, 2009

Savannasaurus elliottorum Poropat, Mannion, Upchurch, Hocknull, Kear, Kundrát,
Sloan, Sinapius, Elliott and Elliott, 2016

Australotitan cooperensis Hocknull, Wilkinson, Lawrence, Konstantinov,
Mackenzie and Mackenzie, 2021

Sauropodomorph ichnotaxa

Oobardjidama foulkesi Salisbury, Romilio, Herne, Tucker and Nair, 2017

Evazoum ichnsp. indet. Nicosia and Loi, 2003 (Romilio et al., 2021)

= cf. *Eubrontes* Hitchcock, 1845 (Staines and Woods, 1964)

Clade Theropoda Marsh, 1881

Theropod taxa of uncertain rank

Walgettosuchus woodwardi von Huene, 1932 [*nomen dubium*]

Kakuru kujani Molnar and Pledge, 1980

Ozraptor subotaii Long and Molnar, 1998

Clade Coelurosauria von Huene, 1914

Timimus hermani Rich and Vickers-Rich, 1994

Family Megaraptoridae Novas, Agnolin, Ezcurra, Porfiri and Canale, 2013

Rapator ornitholestoides von Huene, 1932

Australovenator wintonensis Hocknull, White, Tischler, Cook, Calleja, Sloan and Elliott, 2009

Theropod ichnotaxa

Megalosauropus broomensis Colbert and Merrilees, 1967

Yangtzeapus clarkei Salisbury, Romilio, Herne, Tucker and Nair, 2017

Kayentapus ichnosp. indet. Welles, 1971 (Romilio et al., 2021)

= *Changpeipus bartholomaii* Haubold, 1971

= cf. *Eubrontes* Hitchcock, 1845 (Thulborn, 1997)

= cf. *Eubrontes* Hitchcock, 1845 (Turner et al., 2009)

Clade Avialae Gauthier, 1986

Clade Enantiornithes Walker, 1981

Nanantius eos Molnar, 1986

Order Ornithischia Seeley, 1887

Serendipaceratops arthurclarkei Rich and Vickers-Rich, 2003 [*nomen dubium*]

Ornithischian ichnotaxa of uncertain rank

Anomoepus cf. *A. scambus* Hitchcock 1848 (= *Anomoepus* cf. *A. gracillimus* Thulborn, 1994) (Olsen and Rainforth, 2003)

Anomoepus ichnosp. indet. Hitchcock, 1848 (Cook et al., 2010)

= *Skatopus* ichnosp. indet. Thulborn and Wade, 1984 (Cook et al., 2010)

= cf. *Eubrontes* Hitchcock, 1845 (Cook et al., 2010)

Clade Thyreophora Nopcsa, 1915

Clade Eurypoda Sereno, 1986

Suborder Ankylosauria Osborn, 1923

Minmi paravertebra Molnar, 1980b

Kunbarrasaurus ieversi Leahey, Molnar, Carpenter, Witmer and Salisbury, 2015

Thyreophoran ichnotaxa

Garbina roeorum Salisbury, Romilio, Herne, Tucker and Nair, 2017

Luluichnus mueckeii Salisbury, Romilio, Herne, Tucker and Nair, 2017

Clade Neornithischia Cooper, 1985

Clade Cerapoda Sereno, 1986

Clade Ornithopoda Marsh, 1881

Fulgurotherium australe von Huene, 1932 [*nomen dubium*]

Weewarrasaurus pobeni Bell, Herne, Brougham and Smith, 2018

Clade Elasmaria Calvo, Porfiri and Novas, 2007

Leaellynasaura amicagraphica Rich and Rich, 1989

Atlascopcosaurus loadsi Rich and Rich, 1989

Qantassaurus intrepidus Rich and Vickers-Rich, 1999

Diluvicursor pickeringi Herne, Tait, Hall, Weisbecker, Nair, Cleeland and Salisbury,
2018

Galleonosaurus dorisae Herne, Nair, Evans and Tait, 2019

Clade Iguanodontia Baur, 1881 (sensu Sereno, 1986)

Muttaborrasaurus langdoni Bartholomai and Molnar, 1981

Fostoria dhimbangunmal Bell, Brougham, Herne, Frauenfelder and Smith, 2019

Ornithopod ichnotaxa

Wintonopus latomorum Thulborn and Wade, 1979 (sensu Salisbury et al., 2017)

= *Skatopus australis* Thulborn and Wade, 1979

Wintonopus middletonae Salisbury, Romilio, Herne, Tucker and Nair, 2017

Amblydactylus cf. *A. gethingi* Sternberg, 1932 (Salisbury et al., 2017)

Walmadanyichnus hunteri Salisbury, Romilio, Herne, Tucker and Nair, 2017