

Ichthyosauromorph taxonomy

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ICHTHYOSAURIMORPHA Motani et al., 2015

HUPEHSUCHIA Carroll & Dong, 1991

Eohupehsuchus brevicollis Chen et al, 2014b

- * 2014b *Eohupehsuchus brevicollis* Chen et al.; p 4 [Jialingjiang Formation (Upper Spathian, Lower Triassic); Yangping, Yuan'an County, Hubei Province, China].

Eretmorhipis carrolldongi Chen et al., 2015

- 1991 Hupehsuchia n. g., n. s.; p 143 [Jialingjiang Formation (Upper Spathian, Lower Triassic); Tuling, Baihechuan, Xunjian District, Nanzhang County, Hubei Province, China].
- * 2015 *Eretmorhipis carrolldongi* Chen et al.; p 4 [Jialingjiang Formation (Upper Spathian, Lower Triassic); Yingzhishang, Yuan'an County, Hubei Province, China].

Hupehsuchus nanchangensis Young & Dong, 1972

Nanchangosaurus suni Wang, 1959

Parahupehsuchus longus Chen et al., 2014a

ICHTHYOSAURIFORMES Motani et al., 2015

Acamptonectes densus Fischer et al. 2012

- v * 2012 *Acamptonectes densus* Fischer et al.; Fischer et al. p 3 [Speeton Clay Formation, *Simbiskites concinnus/staffi* ammonite biozones (basal–upper Hauterivian, Lower Cretaceous, Cretaceous); Speeton, Yorkshire, U.K. and Cremlingen, Lower Saxony, Germany.]

Aegirosaurus leptospondylus (Wagner 1853)

- * 1853 *Ichthyosaurus leptospondylus* Wagner; Wagner p [Solnhofen Formation (Lower Tithonian, Upper Jurassic, Jurassic); Germany.]
- 2000 *Aegirosaurus leptospondylus* (Wagner); Bardet et al. p 504 [Malm ζ 2b, Solnhofen Formation (early Lower Tithonian, Upper Jurassic, Jurassic); Borsheim, Schrandel quarry district; Bavaria, Germany.]

Arthropterygius chrisorum (Russell 1993)

- * 1993 *Ophthalmosaurus chrisorum* (Russell); Russell p 198 [Ringnes Formation (Oxfordian–Kimmeridgian, Upper Jurassic, Jurassic); Cape Grassy, Melville Island, Canada.]

Arthropterygius hoybergeti (Druckenmiller et al. 2012)

- * 2012 *Palvennia hoybergeti* (Druckenmiller et al.); Druckenmiller et al. p 326 [Slottsmøya Member, Agardfjellet Formation (Middle Volgian, Upper Jurassic, Jurassic); Spitsbergen, Svalbard.]
- 2018 *Palvennia hoybergeti* (Druckenmiller et al.); Delsett et al. p 8
- 2019 *Arthropterygius hoybergeti* (Druckenmiller et al.); Zverkov et al. p 31

Athabascasaurus bitumineus Druckenmiller and Maxwell 2010

Barracudasauroides panxianensis (Jiang et al. 2006)
Besanosaurus leptorhynchus Dal Sasso and Pinna 1996
Brachypterygius alekseevi (Arkhangelsky 2001)
Brachypterygius extremus (Boulenger 1904)
Brachypterygius pseudoscythica (Efimov 1998)
Californosaurus perrini (Merriam 1902)
Callawayia neoscapularis (McGowan 1994)
Cartorhynchus lenticarpus Motani et al. 2015
Caypullisaurus bonapartei Fernández 1997
Cetarthrosaurus walkeri Seeley 1873
Chacaicosaurus cayi Fernández 1994
Chaohusaurus chaoxianensis (Chen 1985)
Chaohusaurus geishanensis Young and Dong 1972
Chaohusaurus zhangjiawanensis Chen et al. 2013
Contectopalatus atavus (Quenstedt 1852)
Cymbospondylus buchseri Sander 1989
Cymbospondylus nichollsi Fröbisch et al. 2006
Cymbospondylus petrinus Leidy 1868
Cymbospondylus piscosus? Leidy 1868
Dearcmhara shawcrossi Brusatte et al. 2015
Eurhinosaurus longirostris (Mantell 1851)
Excalibosaurus costini McGowan 1986
Gengasaurus nicosiai Paparella et al. 2016
Grippia longirostris Wiman 1929
Guizhouichthyosaurus tangae Yin et al. 2000
Guizhouichthyosaurus wolonggangense (Chen et al. 2007)
Gulosaurus helmi Cuthbertson et al. 2013
Hauffiopteryx typicus Maisch 2008
Himalayasaurus tibetensis Young and Dong 1972
Hudsonelpidia brevirostris McGowan 1995
Ichthyosaurus acutirostris Owen 1840
Ichthyosaurus anningae Lomax and Massare 2015
Ichthyosaurus breviceps Owen 1881
Ichthyosaurus communis Conybeare 1822

Ichthyosaurus conybeari Lydekker 1888

Ichthyosaurus larkini Lomax and Massare 2017

Ichthyosaurus somersetensis Lomax and Massare 2017

Isfjordosaurus minor (Wiman 1910)

Keilhauia nui? Delsett et al. 2017

Leninia stellans Fischer et al. 2014a

Leptonectes moorei McGowan and Milner 1999

Leptonectes solei (McGowan 1993)

Leptonectes tenuirostris (Conybeare 1822)

Macgowania janiceps (McGowan 1996)

Maiaspondylus lindoei Maxwell and Caldwell 2006

Malawania anachronus Fischer et al. 2013

Mikadocephalus gracilirostris Maisch and Matzke 1997

Mixosaurus cornalianus (Bassani 1886)

Mixosaurus kuhnschneyderi (Brinkmann 1998)

Mixosaurus xindianensis Chen and Cheng 2010

Mollesaurus pariallus Fernández 1999

Muscasaurus catheti Maxwell et al. 2016

Nannopterygius enthekiodon (Hulke 1871)

Nannopterygius saveljeviensis (Arkhangelsky 1997)

- * 1997 *Paraophthalmosaurus savejeviensis* (Arkhangelsky); Arkhangelsky p 88
- * 1999b *Yasykovia kabanovi* (Efimov); Efimov p 98
- 2020 *Nannopterygius savejeviensis* (Arkhangelsky); Zverkov et al. p 246 [Volgian, Upper Jurassic, Jurassic.]

Nannopterygius yasykovi (Efimov 1999b)

- * 1999b *Yasykovia sumini* (Efimov); Efimov p 98

Ophthalmosaurus icenicus Seeley 1874

- v * 1874 *Ophthalmosaurus icenicus* (Seeley); Seeley p 707 [Peterborough Member, Oxford Clay Formation (Callovian, Middle Jurassic, Jurassic); Peterborough, Cambridge-shire.]

Ophthalmosaurus natans (Marsh 1879)

Parvinatator wapitiensis Nicholls and Brinkman 1995

Pervushovisaurus bannovkensis Arkhangelsky 1998

Pervushovisaurus campylodon (Carter 1846)

Pessopteryx nisseri Wiman 1910

Phalarodon callawayi Schmitz et al. 2004

Phalarodon fraasi Merriam 1910
Phalarodon major von Huene 1916
Phantomosaurus neubigi (Sander 1997)
Platypterygius hercynicus Kuhn 1946
Platypterygius americanus Nace 1939
Platypterygius australis (M'Coy 1867)
Platypterygius hauthali (von Huene 1927)
Platypterygius ochevi Arkhangelsky et al. 2008
Platypterygius platydactylus (Broili 1907)
Platypterygius sachicarum Páramo 1997
Protoichthyosaurus applebyi Lomax et al. 2017
Protoichthyosaurus prosaxalis Appleby 1979
Qianichthyosaurus xingyiensis Yang et al. 2013
Qianichthyosaurus zhoui Li 1999
Quasianosteosaurus vikinghoegdai Maisch and Matzke 2003
Sclerocormus parviceps Jiang et al. 2016
Shastasaurus alexandrae Merriam 1902
Shastasaurus liangae (Yin et al. 2000)
Shastasaurus pacificus Merriam 1895
Shastasaurus sikkaniensis (Nicholls and Manabe 2004)
Shonisaurus popularis Camp 1976
Simbirskiasaurus birjukovi Otschev and Efimov 1985
Sisteronia seeleyi Fischer et al. 2014b
Stenopterygius aaleniensis Maxwell et al. 2012
Stenopterygius quadriscissus (Quenstedt 1858)
Stenopterygius triscissus (Quenstedt 1858)
Stenopterygius uniter von Huene 1931a
Suevoleviathan disinteger (von Huene 1926)
Suevoleviathan integer (Bronn 1844)
Sveltonectes insolitus Fischer et al. 2011
Temnodontosaurus azerguensis Martin et al. 2012
Temnodontosaurus crassimanus (Blake 1876)
Temnodontosaurus eurycephalus McGowan 1974
Temnodontosaurus nuertingensis (von Huene 1931b)

Temnodontosaurus platyodon (Conybeare 1822)

Temnodontosaurus trigonus (von Theodori 1843)

Thaisaurus chonglakmanii Mazin et al. 1991

Thalattoarchon saurophagis Fröbisch et al. 2013

Tholodus schmidi von Meyer 1849

Toretocnemus californicus Merriam 1903

Toretocnemus zitteli (Merriam 1903)

Undorosaurus gorodischensis Efimov 1999a

Undorosaurus kielanae (Tyborowski 2016)

- * 2016 *Cryptoptygius kielanae* (Tyborowski); Tyborowski p 793 [Sławno Limestone Member, Kcynia Formation (uppermost Lower Tithonian = Middle Volgian, Upper Jurassic, Jurassic); Owadów-Brzezinki Quarry, Sławno.] A test comment.
- ? 2019 *Undorosaurus kielanae* (Tyborowski); Zverkov et al. p 1187

Undorosaurus nessovi Efimov 1999a

Undorosaurus trautscholdi Arkhangelsky and Zverkov 2014

Utatusaurus hataii Shikama et al. 1978

Wahlisaurus massarae Lomax 2016

Wimanius odontopalatus Maisch and Matzke 1998

Xinminosaurus catactes Jiang et al. 2008

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