

# ICHTHYOSAURMORPH TAXONOMY

## ACAMPTONECTES DENSUS

- Y    v \*    **ACT** *Acamptonectes densus*  
                 **PUB** Speeton, Yorkshire, U.K.  
                 LITHOSTRATIGRAPHY    Speeton Clay Formation  
                 CHRONOSTRATIGRAPHY    basal–upper Hauterivian, Lower Cretaceous, Cretaceous  
                 BIOSTRATIGRAPHY    *Simbiskites concinnus/staffi* ammonite biozones
- Y                   **PUB** *Acamptonectes densus*  
                 Cremlingen, Lower Saxony, Germany  
                 CHRONOSTRATIGRAPHY    basal–upper Hauterivian, Lower Cretaceous, Cretaceous  
                 BIOSTRATIGRAPHY    *Simbiskites concinnus/staffi* ammonite biozones

## ACUETZPALIN CARRANZAI

- Y        \*        **ACT** *Acuetzpalin carranzai*  
                 **PUB** Cerro de Palotes, near of Cuencamé, Durango state, Northeast Mexico  
                 LITHOSTRATIGRAPHY    La Casita Formation  
                 CHRONOSTRATIGRAPHY    Kimmeridgian, Upper Jurassic, Jurassic

## AEGIOSAURUS LEPTOSPONDYLUS

- Y        \*            *Ichthyosaurus leptospondylus*  
                 Germany  
                 LITHOSTRATIGRAPHY    Solnhofen Formation  
                 CHRONOSTRATIGRAPHY    Lower Tithonian, Upper Jurassic, Jurassic
- Y                   *Aegiosaurus leptospondylus*  
                 Borscheim, Schrandel quarry district; Bavaria, Germany  
                 LITHOSTRATIGRAPHY    Solnhofen Formation  
                 CHRONOSTRATIGRAPHY    early Lower Tithonian, Upper Jurassic, Jurassic

## ARTHROPTERYGIUS CHRISORUM

- Y        \*            *Ophthalmosaurus chrisorum*  
                 Cape Grassy, Melville Island, Canada  
                 LITHOSTRATIGRAPHY    Ringnes Formation  
                 CHRONOSTRATIGRAPHY    Oxfordian–Kimmeridgian, Upper Jurassic, Jurassic
- Y        ?            *Keilhauia nui*  
                 Janusfjellet, Spitsbergen, Svalbard  
                 LITHOSTRATIGRAPHY    Slottsmøya Member, Agardfjellet Formation  
                 CHRONOSTRATIGRAPHY    early Berriasian, Lower Cretaceous, Cretaceous
- Y        p            *Palvennia hoybergeti*
- Y                   *Arthropterygius chrisorum*

## ARTHROPTERYGIUS HOYBERGETI

Y	*	<b>ACT</b>	<i>Palvennia hoybergeti</i>
		<b>PUB</b>	Spitsbergen, Svalbard
		LITHOSTRATIGRAPHY	Slottsmøya Member, Agardfjellet Formation
		CHRONOSTRATIGRAPHY	Middle Volgian, Upper Jurassic, Jurassic
Y	p		<i>Palvennia hoybergeti</i>
Y			<i>Arthropterygius hoybergeti</i>

## ARTHROPTERYGIUS LUNDI

Y	*	<b>ACT</b>	<i>Janusaurus lundi</i>
		<b>PUB</b>	Janusfjellet, Spitsbergen, Svalbard
		LITHOSTRATIGRAPHY	Slottsmøya Member, Agardfjellet Formation
		CHRONOSTRATIGRAPHY	middle Volgian, Upper Jurassic, Jurassic
N			<i>Janusaurus lundi</i>
N			<i>Janusaurus lundi</i>
Y			<i>Arthropterygius lundi</i>

## ARTHROPTERYGIUS THALASSONOTUS

Y	*	<b>ACT</b>	<i>Arthropterygius thalassonotus</i>
		<b>PUB</b>	Yesera del Tromen–Pampa Tril area, north-western Neuquén Province, Argentina
		LITHOSTRATIGRAPHY	Vaca Muerta Formation
		CHRONOSTRATIGRAPHY	late Tithonian, Upper Jurassic, Jurassic

## ARTHROPTERYGIUS VOLGENSIS

Y			<i>Arthropterygius volgensis</i>
			mouth of the Berezoviy Dol Ravine near Novaya Racheika Village, Syzran District, Samara Region, Russian
		CHRONOSTRATIGRAPHY	middle Volgian, Upper Jurassic, Jurassic
		BIOSTRATIGRAPHY	<i>Dorsoplanites panderi</i> Ammonite Biozone

## ATHABASCASAUROS BITUMINEUS

Y	v *	<b>ACT</b>	<i>Athabascasaurus bitumineus</i>
		<b>PUB</b>	~35 km north of Fort McMurray, Alberta, Canada
		LITHOSTRATIGRAPHY	Wabiskaw Member, Clearwater Formation
		CHRONOSTRATIGRAPHY	lowermost Albian, Lower Cretaceous, Cretaceous

## AUROROBOREALIA INCOGNITA

Y	*	<b>ACT</b>	<i>Auroroborealia incognita</i>
			Kotelny Island, New Siberian Islands, Russia
		CHRONOSTRATIGRAPHY	lower Norian, Upper Triassic, Triassic
		BIOSTRATIGRAPHY	<i>Pinacoceras verchojanicum</i> Ammonoid Biozone

## BARRACUDASAUROIDES PANXIANENSIS

- Y \* **ACT** *Mixosaurus panxianensis*  
**PUB** Yangjuan Village, Xinmin District, Panxian County, Guizhou Province, China  
 LITHOSTRATIGRAPHY Upper Member, Guanling Formation  
 CHRONOSTRATIGRAPHY Pelsonian, Anisian, Middle Triassic, Triassic  
 BIOSTRATIGRAPHY *Nicoraella germanicus* Conodont Biozone
- N *Barracudasauroides panxianensis*

## BESANOSAURUS LEPTORHYNCHUS

- Y \* **ACT** *Besanosaurus leptorhynchus*  
**PUB** Sasso Caldo, Italy  
 LITHOSTRATIGRAPHY Besano Formation  
 CHRONOSTRATIGRAPHY Ilyrian, Anisian, Middle Triassic, Triassic  
 BIOSTRATIGRAPHY *Nevadites secedensis* Ammonite Biozone
- Y *Mikadocephalus gracilirostris*  
 Switzerland  
 LITHOSTRATIGRAPHY Besano Formation  
 CHRONOSTRATIGRAPHY Ilyrian, Anisian, Middle Triassic, Triassic  
 BIOSTRATIGRAPHY *Reitziites reitzi* – *Nevadites secedensis* ammonoid biozones
- Y *Besanosaurus leptorhynchus*  
 Sasso Caldo, Italy  
 LITHOSTRATIGRAPHY Besano Formation  
 CHRONOSTRATIGRAPHY Ilyrian, Anisian, Middle Triassic, Triassic  
 BIOSTRATIGRAPHY *Nevadites secedensis* Ammonoid Biozone
- Y *Besanosaurus leptorhynchus*  
 Val Stelle, Tre Fontane, Switzerland  
 LITHOSTRATIGRAPHY Besano Formation  
 CHRONOSTRATIGRAPHY Ilyrian, Anisian, Middle Triassic, Triassic  
 BIOSTRATIGRAPHY *Nevadites secedensis* Ammonoid Biozone

## BRACHYPTERYGIUS ALEKSEEVII

- Y \* *Otschevia alekseevi*  
 Volga River, 18 km north of Ulyanovsk, Ulyanovsk District, Ulyanovsk Region, Russian  
 CHRONOSTRATIGRAPHY Volgian, Upper Jurassic, Jurassic  
 BIOSTRATIGRAPHY *Dorsoplanites panderi* Ammonite Biozone
- N *Brachypterygius alekseevi*
- Y *Grendelius alekseevi*

## BRACHYPTERYGIUS EXTREMUS

- Y v \* **ACT** *Ichthyosaurus extremus*  
**PUB** Smallmouth Sands, Weymouth, Dorset, U.K.  
 LITHOSTRATIGRAPHY Kimmeridge Clay Formation  
 CHRONOSTRATIGRAPHY Kimmeridgian–Tithonian, Upper Jurassic, Jurassic
- N v **PUB** *Brachypterygius extremus*
- Y v \* *Grendelius mordax*  
 Stowbridge, Norfolk, U.K.  
 LITHOSTRATIGRAPHY Kimmeridge Clay Formation  
 CHRONOSTRATIGRAPHY middle Kimmeridgian, Upper Jurassic, Jurassic  
 BIOSTRATIGRAPHY *Aulacostephanus autissiodorensis* Ammonite Biozone

## BRACHYPTERYGIUS PSEUDOSCYTHICA

- Y \* *Otschevia pseudoscythica*  
 Volga River, Ulyanovsk District, Ulyanovsk Region, Russia  
 CHRONOSTRATIGRAPHY Volgian, Upper Jurassic, Jurassic  
 BIOSTRATIGRAPHY *Ilowaiskya pseudoscythica* Ammonite Biozone
- N *Brachypterygius pseudoscythius*
- N *Grendelius pseudoscythicus*

## CALIFORNOSAURUS PERRINI

- Y \* *Shastasaurus perrini*  
 Shasta County, California, U.S.A.  
 LITHOSTRATIGRAPHY Hosselkus Limestone Formation
- Y *Delphinosaurus perrini*
- N *Californosaurus perrini*

## CALLAWAYIA NEOSCAPULARIS

- Y \* *Shastasaurus neoscapularis*  
 Peace Reach, Williston Lake, British Columbia, Canada  
 LITHOSTRATIGRAPHY Pardonet Formation  
 CHRONOSTRATIGRAPHY Norian, Upper Triassic, Triassic  
 BIOSTRATIGRAPHY *Epigondolella triangularis* Conodont Biozone
- N *Callawayia neoscapularis*
- Y *Metashastasaurus neoscapularis*  
 Chicken Creek, British Columbia, Canada  
 LITHOSTRATIGRAPHY Pardonet Formation  
 CHRONOSTRATIGRAPHY Norian, Upper Triassic, Triassic

## CARTORHYNCHUS LENTICARPUS

- Y \* **ACT** *Cartorhynchus lenticarpus*  
**PUB** Majishan Quarry, Chaohu City, Hefei, China  
 LITHOSTRATIGRAPHY Upper Member, Nanlinghu Formation  
 CHRONOSTRATIGRAPHY Olenekian, Lower Triassic, Triassic  
 BIOSTRATIGRAPHY *Subcolumbites* Ammonite Biozone

## CATUTOSAURUS GASPARINIAE

Y		<i>Ophthalmosaurus monocharactus</i> LITHOSTRATIGRAPHY Vaca Muerta Formation
N		<i>Aegirosaurus</i> sp.
Y	*	<b>ACT</b> <i>Catutosaurus gaspariniae</i> <b>PUB</b> El Ministerio Quarry, Los Catutos, Zapala Department, Neuquén Province, Argentina LITHOSTRATIGRAPHY Los Catutos Member, Vaca Muerta Formation CHRONOSTRATIGRAPHY upper middle–lower upper Tithonian, Upper Jurassic, Jurassic BIOSTRATIGRAPHY <i>Aulasphinctes proximus</i> – <i>Windhausenicerias internispinosum</i> ammonoid biozones

## CAYPULLISAURUS BONAPARTEI

Y	*	<b>ACT</b> <i>Caypullisaurus bonapartei</i> <b>PUB</b> Cerro Lotena, Neuquén Province, northwest patagonia, Argentina LITHOSTRATIGRAPHY Vaca Muerta Formation CHRONOSTRATIGRAPHY late Tithonian, Upper Jurassic, Jurassic BIOSTRATIGRAPHY <i>Virgatosphinctes mendozanus</i> Ammonite Biozone
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## CETARTHROSAURUS WALKERI

Y	*	<i>Ichthyosaurus walkeri</i> LITHOSTRATIGRAPHY Gault Formation CHRONOSTRATIGRAPHY late Albian, Lower Cretaceous, Cretaceous
Y		<i>Cetarthrosaurus walkeri</i>
Y		<i>Cetarthrosaurus walkeri</i>

## CHACAICOSAURUS CAYI

Y	*	<i>Chacaicosaurus cayi</i> Chacaico Sur, Patagonia, Argentina LITHOSTRATIGRAPHY Les Molles Formation CHRONOSTRATIGRAPHY early Bajocian, Middle Jurassic, Jurassic
N		<i>Stenopterygius cayi</i>

## CHAOHUSAURUS BREVIFEMORALIS

Y	p	<i>Chaohusaurus chaoxianensis</i>
Y	p	<i>Chaohusaurus geishanensis</i>
Y	p	<i>Chaohusaurus chaoxianensis</i>
Y	p	<i>Chaohusaurus chaoxianensis</i>
Y	*	<b>ACT</b> <i>Chaohusaurus brevifemoralis</i> <b>PUB</b> Majiashan, Anhui Province, China LITHOSTRATIGRAPHY Upper Member, Nanlinghu Formation CHRONOSTRATIGRAPHY Spathian, Olenekian, Lower Triassic, Triassic BIOSTRATIGRAPHY <i>Subcolumbites</i> Ammonoid Biozone

## CHAOHUSAURUS CHAOXIANENSIS

Y	*	<i>Anhuisaurus chaoxianensis</i> Majiashan, Anhui Province, China LITHOSTRATIGRAPHY Upper Member, Nanlinghu Formation CHRONOSTRATIGRAPHY Spathian, Olenekian, Lower Triassic, Triassic
Y	*	<i>Anhuisaurus faciles</i> Majiashan, Anhui Province, China LITHOSTRATIGRAPHY Upper Member, Nanlinghu Formation CHRONOSTRATIGRAPHY Spathian, Olenekian, Lower Triassic, Triassic
N		<i>Chensaurus chaoxianensis</i>
N		<i>Chensaurus faciles</i>
Y		<i>Chaohusaurus chaoxianensis</i>
Y	p	<i>Chaohusaurus geishanensis</i>
Y		<i>Chaohusaurus chaoxianensis</i>

## CHAOHUSAURUS GEISHANENSIS

Y	*	<i>Chaohusaurus geishanensis</i> Chao County, Anhui Province, China LITHOSTRATIGRAPHY Qinglong Formation CHRONOSTRATIGRAPHY Spathian, Lower Triassic, Triassic
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## CHAOHUSAURUS ZHANGJIAWANENSIS

Y	v *	<i>Chaohusaurus zhangjiawanensis</i> Zhangjiawan Village, Yangping Town, Yuan'an County, Hubei Province, China LITHOSTRATIGRAPHY Third Member, Jialingjiang Formation CHRONOSTRATIGRAPHY upper Spathian, Lower Triassic, Triassic BIOSTRATIGRAPHY <i>Neospathodus homeri</i> – <i>N. triangularis</i> Conodont Biozone
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## CONTECTOPALATUS ATAVUS

Y	*	<i>Ichthyosaurus atavus</i> Althengstett, Baden-Württenbug, Germany LITHOSTRATIGRAPHY Wellenkalk Formation CHRONOSTRATIGRAPHY Anisian, Middle Triassic, Triassic
Y		<i>Mixosaurus atavus atavus</i>
Y		<i>Mixosaurus atavus</i>
Y		<i>Contectopalatus atavus</i>
N		<i>Mixosaurus atavus</i>

## CYMBOSPONDYLUS BUCHSERI

## CYMBOSPONDYLUS NICHOLLSI

## CYMBOSPONDYLUS PETRINUS

## CYMBOSPONDYLUS PISCOSUS?

## CYMBOSPONDYLUS YOUNGORUM

- Y \* *Cymbospondylus youngorum*  
 Favret Canyon, Augusta Mountains, Pershing County, Nevada, USA  
 LITHOSTRATIGRAPHY Fossil Hill Member, Favret Formation  
 CHRONOSTRATIGRAPHY Anisian, Middle Triassic, Triassic  
 BIOSTRATIGRAPHY *Nevadisculites taylora* Ammonoid Biozone

## DEARCMHARA SHAWCROSSI

## EOHUPEHSUCHUS BREVICOLLIS

- Y v \* **ACT** *Eohupehsuchus brevicollis*  
**PUB** Yangping, Yuan'an County, Hubei Province, China  
 LITHOSTRATIGRAPHY Jialingjiang Formation  
 CHRONOSTRATIGRAPHY upper Spathian, Lower Triassic, Triassic

## ERETMORHIPIS CARROLLDONGI

- Y *Hupehsuchia* n. gen. n. sp.  
 Tuling, Baihechuan, Xunjiang District, Nanzhang County, Hubei Province, China  
 LITHOSTRATIGRAPHY Jialingjiang Formation  
 CHRONOSTRATIGRAPHY upper Spathian, Lower Triassic, Triassic
- Y v \* **ACT** *Eretmorhipis carrolldongi*  
**PUB** Yingzhishang, Yuan'an County, Hubei Province, China  
 LITHOSTRATIGRAPHY Jialingjiang Formation  
 CHRONOSTRATIGRAPHY upper Spathian, Lower Triassic, Triassic

## EURHINOSAURUS LONGIROSTRIS

## EXCALIBOSAURUS COSTINI

## GENGASAURUS NICOSIAI

## GRIPPIA LONGIROSTRIS

## GUIZHOUICHTHYOSAURUS TANGAE

## GUIZHOUICHTHYOSAURUS WOLONGGANGENSE

## GULOSAURUS HELMI

## HAUFFIOPTERYX ALTERA

- N p *Eurhinosaurus longirostris*
- Y \* **ACT** *Hauffiopteryx altera*  
**PUB** Dotternhausen-Dormettingen, Bade-Württemberg, Germany  
 LITHOSTRATIGRAPHY Posidonia Shale Formation  
 CHRONOSTRATIGRAPHY Toarcian, Lower Jurassic, Jurassic  
 BIOSTRATIGRAPHY *Harpoceras serpentinum* Ammonoid Biozone , *Harpoceras exaratum*  
 Ammonoid Subbiozone

## HAUFFIOPTERYX TYPICUS

- Y \* *Hauffiopteryx typicus*  
 Dotternhausen-Dormettingen, Bade-Württemberg, Germany  
 LITHOSTRATIGRAPHY Posidonia Shale Formation  
 CHRONOSTRATIGRAPHY Toarcian, Lower Jurassic, Jurassic  
 BIOSTRATIGRAPHY *Harpoceras serpentinum* Ammonoid Biozone , *Harpoceras exaratum*  
 Ammonoid Subbiozone

## HIMALAYASAURUS TIBETENSIS

- Y \* **ACT** *Himalayasaurus tibetensis*  
**PUB** Tulong Area, Xizang, Tibet, China  
 LITHOSTRATIGRAPHY Langjiexue Group  
 CHRONOSTRATIGRAPHY Norian, Middle Triassic, Triassic

## HUDSONELPIDIA BREVIROSTRIS

## HUPEHSUCHUS NANCHANGENSIS

- Y v \* **ACT** *Hupehsuchus nanchangensis*  
**PUB** LITHOSTRATIGRAPHY Jialingjiang Formation  
 CHRONOSTRATIGRAPHY upper Spathian, Lower Triassic, Triassic

## ICHTHYOSAURUS ACUTIROSTRIS

## ICHTHYOSAURUS ANNINGAE

## ICHTHYOSAURUS BREVICEPS

## ICHTHYOSAURUS COMMUNIS

## ICHTHYOSAURUS CONYBEARI

## ICHTHYOSAURUS LARKINI

## ICHTHYOSAURUS SOMERSETENSIS

## ISFJORDOSAURUS MINOR

## JABALISAURUS METZLI

- Y *Ophthalmosaurus* cf. *icenicus*  
 Sierra El Jabalí, near Gómez Farías, Saltillo, Coahuila, Mexico  
 LITHOSTRATIGRAPHY coquina layer, La Casita Formation  
 CHRONOSTRATIGRAPHY upper Kimmeridgian, Upper Jurassic, Jurassic
- N *Ophthalmosaurus* cf. *icenicus*  
 Sierra El Jabalí, near Gómez Farías, Saltillo, Coahuila, Mexico
- Y \* **ACT** *Jabalisaurus metzli*  
 Sierra El Jabalí, near Gómez Farías, Saltillo, Coahuila, Mexico  
 LITHOSTRATIGRAPHY coquina layer, La Casita Formation  
 CHRONOSTRATIGRAPHY upper Kimmeridgian, Upper Jurassic, Jurassic



## KYHYTYSUKA SACHICARUM

- Y    \*    *Platypterygius sachicarum*  
 Loma Pedro Luis, Villa de Leyva, Boyacá, Colombia  
 LITHOSTRATIGRAPHY    Arcillolitas Abigarrada Member, Paja Formation  
 CHRONOSTRATIGRAPHY    Barremian–Aptian, Lower Cretaceous, Cretaceous
- Y    **PUB**    *Kyhytysuka sachicarum*  
 El Roble Locality, Villa de Leyva, Boyacá, Colombia  
 LITHOSTRATIGRAPHY    Arcillolitas Abigarrada Member, Paja Formation  
 CHRONOSTRATIGRAPHY    latest Barremian, Lower Cretaceous, Cretaceous

## LENINIA STELLANS

## LEPTONECTES MOOREI

## LEPTONECTES SOLEI

## LEPTONECTES TENUIROSTRIS

## MACGOWANIA JANICEPS

## MAIASPONDYLUS LINDOEI

## MALAWANIA ANACHRONUS

## MIXOSAURUS CORNALIANUS

## MIXOSAURUS KUHNSCHNEYDERI

## MIXOSAURUS XINDIANENSIS

## MOLLESAURUS PARIALLUS

## MUISCASAURUS CATHETI

- Y    \*    *Muiscasaurus catheti*  
 Vereda Llanitos, Sachica, Boyaca, Colombia  
 LITHOSTRATIGRAPHY    Arcillolitas abigarradas Member, Paja Formation  
 CHRONOSTRATIGRAPHY    Barremian–Aptian, Lower Cretaceous, Cretaceous

## NANCHANGOSAURUS SUNI

- Y    \*    **ACT**    *Nanchangosaurus suni*  
**PUB**    LITHOSTRATIGRAPHY    Jialingjiang Formation  
 CHRONOSTRATIGRAPHY    upper Spathian, Lower Triassic, Triassic
- Y    *Nanchangosaurus suni*  
 Yuan'an County, Hubei Province, China  
 LITHOSTRATIGRAPHY    Jialingjiang Formation  
 CHRONOSTRATIGRAPHY    upper Spathian, Lower Triassic, Triassic

## NANNOPTERYGIUS ENTHEKIODON

- Y   v \*   **ACT** *Ichthyosaurus enthekiodon*  
**PUB** Kimmeridge Bay, Dorset, U.K.  
 LITHOSTRATIGRAPHY   Kimmeridge Clay Formation  
 CHRONOSTRATIGRAPHY   Kimmeridgian–Tithonian, Upper Jurassic, Jurassic
- N   **PUB** *Nannopterygius enthekiodon*

## NANNOPTERYGIUS SAVELJEVIENSIS

- Y   \*   *Paraophthalmosaurus saveljeviensis*
- Y   *Yasykovia kabanovi*
- Y   *Nannopterygius saveljeviensis*  
 CHRONOSTRATIGRAPHY   Volgian, Upper Jurassic, Jurassic

## NANNOPTERYGIUS YASYKOVI

- Y   \*   *Yasykovia sumini*

## OPHTHALMOSAURUS ICENICUS

- Y   v \*   **ACT** *Ophthalmosaurus icenicus*  
**PUB** Peterborough, Cambridgeshire  
 LITHOSTRATIGRAPHY   Peterborough Member, Oxford Clay Formation  
 CHRONOSTRATIGRAPHY   Callovian, Middle Jurassic, Jurassic

## OPHTHALMOSAURUS NATANS

## PARAHUPEHSUCHUS LONGUS

- Y   v \*   **ACT** *Parahupehsuchus longus*  
**PUB** Yuan'an County, Hubei Province, China  
 LITHOSTRATIGRAPHY   Jialingjiang Formation  
 CHRONOSTRATIGRAPHY   upper Spathian, Lower Triassic, Triassic

## PARRASSAURUS YACAHUITZTLI

- Y   \*   **ACT** *Parrassaurus yacahuitztl*  
**PUB** Rancho el Sombrero, Sierra de Parras, Saltillo Municipality, Coahuila, Mexico  
 LITHOSTRATIGRAPHY   La Caja Formation  
 CHRONOSTRATIGRAPHY   upper Tithonian, Upper Jurassic, Jurassic

## PARVINATATOR WAPITIENSIS

## PERVUSHOVISAURUS BANNOVKENSIS

# PERVUSHOVISAURUS CAMPYLODON

Y	*	<i>Ichthyosaurus campylodon</i> Cambridge, Cambridgeshire, U.K. LITHOSTRATIGRAPHY Upper Greensand Formation CHRONOSTRATIGRAPHY Albian–Cenomanian, Lower–Upper Cretaceous, Cretaceous
N	<b>PUB</b>	<i>Myopterygius campylodon</i>
Y		<i>Platypterygius campylodon</i>
Y		<i>Pervushovisaurus campylodon</i>

# PESSOPTERYX NISSERI

Y	*	<i>Pessopteryx nisseri</i> LITHOSTRATIGRAPHY Vikinghøgda Formation CHRONOSTRATIGRAPHY Spathian, Lower Triassic, Triassic BIOSTRATIGRAPHY <i>Keyserlingites subrobustus</i> Ammonoid Biozone
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# PHALARODON CALLAWAYI

# PHALARODON FRAASI

# PHALARODON MAJOR

# PHANTOMOSAURUS NEUBIGI

# PLATYPTERYGIUS HERCYNICUS

# PLATYPTERYGIUS AMERICANUS

Y	*	<i>Myopterygius americanus</i> Crook County Wyoming, U.S.A. LITHOSTRATIGRAPHY Mowry Shale Member, Graneros Formation
Y		<i>Myopterygius americanus</i> Osage, Wyoming, U.S.A. LITHOSTRATIGRAPHY Mowry Shale Member, Graneros Formation
Y		<i>Platypterygius americanus</i>

# PLATYPTERYGIUS AUSTRALIS

# PLATYPTERYGIUS HAUTHALI

# PLATYPTERYGIUS OCHEVI

# PLATYPTERYGIUS PLATYDACTYLUS

N	<b>PUB</b>	<i>Platypterygius platydactylus</i>
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# PROTOICHTHYOSAURUS APPLEBYI

# PROTOICHTHYOSAURUS PROSTAXALIS

# QIANICHTHYOSAURUS XINGYIENSIS

QIANICHTHYOSAURUS ZHOUI  
 QUASIANOSTEOSAURUS VIKINGHOEGDAI  
 SCLEROCORMUS PARVICEPS  
 SHASTASAURUS ALEXANDRAE  
 SHASTASAURUS LIANGAE  
 SHASTASAURUS PACIFICUS  
 SHASTASAURUS SIKKANIENSIS  
 SHONISAURUS POPULARIS  
 SIMBIRSKIASAURUS BIRJUKOVI  
 SISTERONIA SEELEYI  
 STENOPTERYGIUS AALENIENSIS  
 STENOPTERYGIUS QUADRISCISSUS  
 STENOPTERYGIUS TRISCISSUS  
 STENOPTERYGIUS UNITER  
 SUEVOLEVIATHAN DISINTEGER  
 SUEVOLEVIATHAN INTEGER  
 SVELTONECTES INSOLITUS  
 TEMNODONTOSAURUS AZERGUENSIS  
 TEMNODONTOSAURUS CRASSIMANUS  
 TEMNODONTOSAURUS EURYCEPHALUS  
 TEMNODONTOSAURUS NUERTINGENSIS  
 TEMNODONTOSAURUS PLATYODON  
 TEMNODONTOSAURUS TRIGONODON  
 THAISAURUS CHONGLAKMANII  
 THALASSODRACO ETCHESI

Y v \* **ACT** *Thalassodraco etchesi*  
**PUB** Rope Lake Bay, Kimmeridge, Dorset U.K.  
 LITHOSTRATIGRAPHY Kimmeridge Clay Formation  
 CHRONOSTRATIGRAPHY early Tithonian, Upper Jurassic, Jurassic  
 BIOSTRATIGRAPHY *Pectinatites pectinatus* Ammonite Biozone

## THALATTOARCHON SAUROPHAGIS

## THOLODUS SCHMIDI

## TORETOCNEMUS CALIFORNICUS

## TORETOCNEMUS ZITTELI

## UNDOROSAURUS GORODISCHENSIS

- Y    \*    *Undorosaurus gorodischensis*  
 Undory, Volga Oblast, Russia  
 CHRONOSTRATIGRAPHY    Volgian, Upper Jurassic, Jurassic  
 BIOSTRATIGRAPHY    *Epivirgatites nikitini* Ammonite Biozone
- Y    **ACT** *Cryptopterygius kristiansenae*  
**PUB** Janusfjellet, Spitsbergen, Svalbard  
 LITHOSTRATIGRAPHY    Slottsmøya Member, Agardfjellet Formation  
 CHRONOSTRATIGRAPHY    middle Volgian, Upper Jurassic, Jurassic
- Y    *Undorosaurus gorodischensis*

## UNDOROSAURUS KIELANAE

- Y    \*    *Cryptopterygius kielanae*  
 Owadów-Brzezinki Quarry, Sławno  
 LITHOSTRATIGRAPHY    Sławno Limestone Member, Kcynia Formation  
 CHRONOSTRATIGRAPHY    uppermost Lower Tithonian = Middle Volgian, Upper Jurassic, Jurassic
- N    ?    *Undorosaurus kielanae*

## UNDOROSAURUS NESSOVI

## UNDOROSAURUS TRAUTSCHOLDI

## UTATSUSAURUS HATAII

## WAHLISAURUS MASSARAE

- Y    \*    *Wahlisaurus massarae*  
 Normanton Hills near Normanton on Soar, Nottinghamshire, U.K.  
 LITHOSTRATIGRAPHY    Barnstone Member?, Scunthorpe Mudstone Formation?  
 CHRONOSTRATIGRAPHY    lowermost Hettangian, Lower Jurassic, Jurassic  
 BIOSTRATIGRAPHY    Pre- *planorbis* or *Psiloceras planorbis* beds

## WIMANIUS ODONTOPALATUS

## XINMINOSAURUS CATACTES