

**Table S1.** Complete list of actinopterygian (ray-finned fish) taxa surveyed by our literature review, including additional species obtained with our synchrotron microtomography (SRμCT) data.

The supra-specific taxonomy follows Betancur-R. et al. (2017). In the case of older literature, species names were often outdated. We used FishBase (Froese &amp; Pauly, 2019) and the Catalog of Fishes (Eschmeyer et al., 2019) to identify the corresponding valid names.

Key for the 'Notes' column: <sup>1</sup> leptocephalus larva; <sup>2</sup> possible error in identifying bone type; <sup>3</sup> localised cellular bone in hyperostoses; <sup>4</sup> acellular hyperostotic bone; <sup>5</sup> alleged osteocytes in cytoplasmic tubules.

Taxonomy	Order/series	Family	Valid binomial	Outdated binomial	Bone type (skeletal bone)	Bone type (scales)	Notes	Reference(s)
<b>Actinopterygii</b>								
<i>Incertae sedis</i>	<i>Incertae sedis</i>	<i>Incertae sedis</i>	† <i>Birgeria stensioei</i>		cellular		this study	
			† <i>Birgeria gronlandica</i>		cellular		Ørvig (1978)	
			† <i>Eurynotus oreatus</i>		cellular		Goodrich (1907); Schultz (2016)	
			† <i>Momipisces toompsi</i>	† <i>Mimia toompsi</i>	cellular		Richter & Smith (1995)	
			† <i>Moythomasia</i> sp.		cellular		Sire et al. (2009); Schultz (2016)	
	†Cheirolepidiformes	†Cheirolepidae	† <i>Cheirolepis canadensis</i>		cellular		Goodrich (1907); Sire et al. (2009); Zylberberg et al. (2016); Meunier et al. (2018c); this study	
Cladistia	Polypteriformes	Polypteridae	† <i>Bavaritus</i> sp.		cellular		Meunier et al. (2016)	
			† <i>Dajetella sudamericana</i>		cellular		Gayet & Meunier (1992)	
			† <i>Erpetoichthys calabaricus</i>	Calamoichthys sp.	cellular		Moss (1961b); this study	
			† <i>Polia suarezi</i>		cellular		Meunier & Gayet (1996)	
			<i>Polypterus biocellatus</i>		cellular	cellular	Kölliker (1859); Stéphan (1900); Goodrich (1907); Ørvig (1978)	
			<i>Polypterus delhezi</i>		cellular		this study	
			<i>Polypterus ornatipinnis</i>		cellular		Trotland et al. (2011)	
			<i>Polypterus senegalus</i>		cellular		Sire et al. (2009)	
			<i>Polypterus</i> sp.		cellular		Moss (1961b)	
			† <i>Scanipterus</i> sp.		cellular		Sire et al. (2009)	
			† <i>Scanipterus dubius</i>		cellular	cellular	Ørvig (1978)	
	†Saurichthyoformes	†Saurichthyidae	† <i>Saurichthys</i> sp.		cellular		Scheyer et al. (2014)	
Chondrostei	†Chondrosteoformes	†Chondrostidae	† <i>Chondrostoma aipenseroides</i>		cellular		this study	
	Acipenseriformes	Acipenseridae	<i>Acipenser baerii</i>		cellular		Leprévost et al. (2017)	
			<i>Acipenser gueldenstaedtii</i>		cellular		Currey et al. (2017); this study	
			<i>Acipenser naccarii</i>		cellular		Kölliker (1859)	
			<i>Acipenser ruthenus</i>		cellular		Stéphan (1900)	
			<i>Acipenserstellatus</i>			cellular (dermal plate)	Buffrénil et al. (2016)	
			<i>Acipenser sturio</i>		cellular		Kölliker (1859)	
		Polyodontidae	<i>Scaphirhynchus platorynchus</i>	<i>S. rufinesquii</i>	cellular		Kölliker (1859)	
			<i>Polyodon spathula</i>	<i>Spatularia folium</i>	cellular		Kölliker (1859)	
<b>Neopterygii</b>								
	†Pycnodontiformes	†Pycnodontidae	† <i>Gyrodus</i> sp.		cellular		personal observation (NHMUK)	
Holostei	<i>Incertae sedis</i>	<i>Incertae sedis</i>	† <i>Proscinetes elegans</i>		cellular		this study	
			† <i>Eoengypterus megalepis</i>		cellular		this study	
			† <i>Heterolepidotus doradis</i>		cellular		this study	
			† <i>Hiodetta americana</i>		cellular		this study	
	†Dapediiformes	†Dapediidae	† <i>Dapedium</i> sp.		cellular		this study	
Amiiformes	Amiidae	<i>Amia calva</i>			cellular	cellular	Kölliker (1859); Stéphan (1900); Moss (1961b); Sire & Meunier (1994); Sire et al. (2009); this study	
		† <i>Amia robusta</i>			cellular		Meunier & Poplin (1995)	
Lepisosteiformes	<i>Incertae sedis</i>	† <i>Caturidae</i>	† <i>Caturus jureatus</i>		cellular		this study	
		Lepisosteidae	† <i>Adrianachthys pankowskii</i>		cellular		Meunier et al. (2016)	
			<i>Atractosteus tristoechus</i>		cellular		Meunier & Herbin (2014)	
			<i>Atractosteus tropicus</i>		cellular		this study	
			<i>Lepisosteus oculatus</i>		cellular	cellular	Sire & Meunier (1994); Sire et al. (2009); this study	
			<i>Lepisosteus osseus</i>		cellular	cellular	Stéphan (1900); Goodrich (1907); Moss (1961b)	
			<i>Lepisosteus platostomus</i>		cellular	cellular	Meunier et al. (1978); Sire & Meunier (1994); Sire et al. (2009)	
			<i>Lepisosteus platyrhincus</i>		cellular		Kölliker (1859)	
			† <i>Nanhualepisosteus mexicanus</i>		cellular		Brøt et al. (2017)	
	†Obaichthyidae		† <i>Obaichthys africanus</i>		cellular		Meunier et al. (2016)	
			†cf. <i>Obaichthys laevius</i>		cellular		Brøt et al. (2000)	
			† <i>Obaichthys decoratus</i>		cellular		Brøt et al. (2000)	
	†Semionotiformes	†Semionotidae	† <i>Lepidoleyte elongata</i>		cellular		Meunier & Gayet (1992)	
			† <i>Semionotus elegans</i>		cellular		this study	
<b>Stem-group Teleostei</b>								
	†Aspidorhynchiformes	†Aspidorhynchidae	† <i>Aspidorhynchus acutirostris</i>		cellular		Brøt & Meunier (2000); Meunier & Brøt (2004)	
			† <i>Aspidorhynchus cf. nodus</i>		cellular		Brøt & Meunier (2000); this study	
			† <i>Belonostomus tenuirostris</i>		cellular		Brøt & Meunier (2000); Meunier & Brøt (2004)	
			† <i>Vinctifer comptoni</i>		cellular	cellular	Brøt & Meunier (2000); Meunier & Brøt (2004); this study	
	†Pachycormiformes	†Pachycormidae	† <i>Euthynotus incognitus</i>		cellular		this study	
			† <i>Hypsacromis</i> sp.		cellular		this study	
			† <i>Lednichthys problematicus</i>		cellular		Liston et al. (2013); this study	
			† <i>Pachycormus macropterus</i>		cellular	cellular	Meunier & Brøt (2004); this study	
	†Pholidophoriformes	<i>Incertae sedis</i>	† <i>Pholidophoroides crenulata</i>		cellular		this study	
			† <i>Pholidophorus caudalis</i>		cellular		this study	
			†cf. <i>Pholidophorus</i> sp.		cellular		Meunier & Brøt (2004)	
	†Dorsetichthyoformes	†Dorsetichthydidae	† <i>Dorsetichthys bechei</i>		cellular		this study	
	<i>Incertae sedis</i>	†Ankylophoridae	† <i>Siemensichthys macrocephalus</i>		cellular		Meunier & Brøt (2004)	
	†Leptolepidiformes	†Ascalaboidae	† <i>Ascalabos matthai</i>		cellular		this study	

		†Leptolepididae	† <i>Tharsis dubius</i>	cellular		this study
†Ichthyodectiformes	<i>Incertae sedis</i>		† <i>Leptolepis macrocephalus</i>	cellular		this study
			† <i>Allotriopsis regleyi</i>	cellular		this study
			† <i>Paschibrissops laevis</i>	cellular		this study
			† <i>Thriopsopt formosus</i>	cellular		this study
		†Ichthyodectidae	† <i>Ichthyodectes cf. tenodon</i>	cellular		this study
			† <i>Xiphactinus cf. audax</i>	cellular		this study
<b>Teleostei</b>						
<i>Incertae sedis</i>	<i>Incertae sedis</i>	<i>Incertae sedis</i>	† <i>Sorbinichthys verraei</i>	cellular		Mayrinck et al. (2017)
†Crossognathiformes	†Crossognathidae		† <i>Rhaeolepis buccalis</i>	cellular		this study
			† <i>Rhaeolepis sp.</i>	cellular		personal observation (NHMUK); this study
†Tselfatiiformes	†Plethodontidae		† <i>Plethodus expansus</i>	cellular		personal observation (NHMUK)
Elopomorpha	<i>Incertae sedis</i>	<i>Incertae sedis</i>	† <i>Oxymoroides sp.</i>	cellular		personal observation (NHMUK); this study
Albuliformes	Albulidae		<i>Albulida rufipes</i>	mixed		Moss (1961b)
			<i>Albulida rufipes</i>	cellular		Kölliker (1859); this study
			<i>Albulida sp.</i>	cellular		personal observation (NHMUK)
			† <i>Lebionichthys gracilis</i>	cellular		this study
			† <i>Istius grandis</i>	cellular		this study
Elopiformes	<i>Incertae sedis</i>		† <i>Ichthiemidion ridali</i>	cellular		this study
	Elopidae		† <i>Anaelhalodon angustus</i>	cellular		this study
			† <i>Dawichthys gardineri</i>	cellular		this study
			<i>Elops saurus</i>	cellular		Kölliker (1859); this study
			<i>Elops sp.</i>	cellular		personal observation (NHMUK)
Megalopidae			† <i>Vlindersichtys dennaudi</i>	cellular		this study
			<i>Megalops atlanticus</i>	cellular		Meunier & Brito (2004); personal observation (NHMUK)
			<i>Megalops cyprinoides</i>	cellular		Kölliker (1859); Meunier (1987); this study
Anguilliformes	<i>Incertae sedis</i>		† <i>Enchelyrus sp.</i>	cellular		personal observation (NHMUK)
			† <i>Urenchelys germanus</i>	cellular		this study
Anguillidae		<i>Anguilla anguilla</i>	<i>A. vulgaris</i>	cellular		Kölliker (1859); Stéphan (1900); Lopez (1970); Meunier (1984a); Meunier et al. (2008a); Rovlien et al. (2016); this study
		<i>Anguilla rostrata</i>	<i>Anguilla rostrata</i>	cellular		Moss (1965)
Congridae		<i>Ariosaoma sp. (larva)</i>	<i>Helmichthys punctatus</i>	acellular	1	Kölliker (1859)
		<i>Conger conger</i>	<i>Conger conger</i>	cellular		this study
		‡ <i>Conger conger</i> (larva)	<i>Leptocephalus pellucidus</i>	acellular	1	Kölliker (1859)
Muraenesocidae		<i>Muraenesox cinereus</i>	<i>Muraenesox cinereus</i>	cellular		this study
Muraenidae		<i>Gymnothorax moringa</i>	<i>Gymnothorax moringa</i>	acellular		Moss (1961b)
		<i>Muraena helena</i>	<i>Muraena helena</i>	cellular		this study
Nemichthidae		† <i>Nemichthidae sp. (larva)</i>	<i>Oxyctomus hyalinus</i>	acellular	1	Kölliker (1859)
Nettastomatidae		<i>Nettastoma melanurum</i> (larva)	<i>Hyopnorus messanensis</i>	acellular	1	Kölliker (1859)
		<i>Nettastoma melanurum</i>	<i>Nettastoma melanurum</i>	cellular		Kölliker (1859)
Ophichthidae		<i>Dolophis imberbis</i>	<i>Sphagebranchus imberbis</i>	cellular		Kölliker (1859)
		‡ <i>Echelus myrus</i>	<i>Conger myrus</i>	cellular		Kölliker (1859)
		<i>Ophichthus sp.</i>	<i>Ophichthus sp.</i>	cellular		Moss (1961b)
		<i>Ophisurus serpens</i>	<i>Ophisurus serpens</i>	cellular		Kölliker (1859)
Synaphobranchidae		<i>Simenchelys parasitica</i>	<i>Simenchelys sp.</i>	cellular		Stéphan (1900)
		<i>Synaphobranchus sp.</i>	<i>Synaphobranchus sp.</i>	cellular		Stéphan (1900)
Osteoglossomorpha	Hiodontiformes	Hiodontidae	† <i>Ehiodon fidatus</i>	cellular		this study
			<i>Hiodon alosoides</i>	acellular		Moss (1965)
			<i>Hiodon alosoides</i>	cellular		Kölliker (1859); this study
			<i>Hiodon tergisus</i>	acellular		Moss (1965)
			<i>Hiodon tergisus</i>	cellular		this study
Osteoglossiformes	<i>Incertae sedis</i>		† <i>Palaeonotopterus greenwoodi</i>	cellular		Meunier et al. (2013b)
	Arapaimidae		<i>Arapaima gigas</i>	cellular	cellular	Kölliker (1859); Moss (1961b); Meunier (1987); Meunier & Brito (2004); Meunier et al. (2013a); Buffrénil et al. (2016); this study
			<i>Heterotis niloticus</i>	cellular		Kölliker (1859)
	Notopteridae		<i>Chitala chitala</i>	cellular		this study
			<i>Notopterus notopterus</i>	<i>N. pallasii</i>		Kölliker (1859); Moss (1965)
	Mormyridae		<i>Hyperoplus bebe</i>	cellular		Meunier et al. (2018a)
			<i>Marcusenius cyprinoides</i>	<i>Mormyrus cyprinoides</i>		Kölliker (1859)
			<i>Mormyrops anguilloides</i>	cellular		Kölliker (1859)
			<i>Mormyrus caschire</i>	<i>M. longipinnis</i>		Kölliker (1859)
			<i>Mormyrus kannume</i>	<i>M. oxyrhynchus</i>		Kölliker (1859)
			<i>Mormyrus sp.</i>	<i>Mormyrus bane</i>		Kölliker (1859)
	Osteoglossidae		† <i>Brychopterus muelleri</i>	cellular		Kölliker (1859)
			† <i>Aleichtyhs ancestralis</i>	cellular		Meunier & Brito (2004); Meunier et al. (2013b); Buffrénil et al. (2016)
			<i>Osteoglossum bicirrhosum</i>	<i>O. vandellii</i>	cellular	Kölliker (1859); Meunier (1987); Meunier & Brito (2004); this study
			† <i>Phareodus encanus</i>	cellular		this study
			<i>Scleropages formosus</i>	<i>Osteoglossum formosum</i>	cellular	Kölliker (1859)
Clupeomorpha	†Ellimmichthyiformes	†Armigidae	† <i>Armigatus namorensis</i>	cellular		this study
			† <i>Ellimmichthys longicostatus</i>	cellular		this study
Clupeiformes	<i>Incertae sedis</i>		† <i>Knightia sp.</i>	cellular		this study
		Chirocentridae	<i>Chirocentrus dorab</i>	cellular		Kölliker (1859); this study

	Clupeidae	<i>Alosa agone</i>	<i>A. finta</i>	cellular		Stéphan (1900)
		<i>Alosa alosa</i>	<i>A. vulgaris</i>	cellular		Kölliker (1859)
		<i>Alosa caspia</i>		cellular		Moss (1965)
		<i>Alosa chrysoschloris</i>		cellular		Moss (1965)
		<i>Alosa pseudoharengus</i>		cellular		Moss (1965); this study
		<i>Alosa sapidissima</i>		acellular	2	Moss (1961b)
		<i>Alosa sapidissima</i>		cellular		Moss (1965)
		<i>Brevoortia</i> sp.		cellular		Moss (1961b)
		<i>Clupea harengus</i>		cellular		Kölliker (1859); Moss (1965); Meunier & Brito (2004)
		<i>Dorosoma cepedianum</i>	<i>Chatoessus cepedianus</i>	cellular		Kölliker (1859); Moss (1965)
		<i>Dorosoma petenense</i>		cellular		Moss (1965)
		<i>Jenkintia lampretanota</i>		cellular		Moss (1961b)
		<i>Komosurus punctatus</i>	<i>Chatoessus punctatus</i>	cellular		Kölliker (1859)
		<i>Opisthonema oglinum</i>	<i>Meletta ibryssa</i>	cellular		Kölliker (1859)
		? <i>Sardina crassa</i>		cellular		Gaudant & Meunier (1996)
		? <i>Sardinella melanura</i>	<i>Alosa melanura</i>	cellular		Kölliker (1859)
		<i>Sardinops sagax</i>		cellular		this study
	Engraulidae	? <i>Anchoa hepsetus</i>	<i>Engraulis brownii</i>	cellular		Kölliker (1859)
		<i>Archivella</i> sp.		acellular		Moss (1961b)
		<i>Coilia grayi</i>		cellular		Kölliker (1859)
		<i>Coilia</i> sp.		acellular		personal observation (NHMUK)
		<i>Engraulis encrasicolus</i>		cellular		Kölliker (1859)
	Pristigasteridae	<i>Odontognathus macronotus</i>	<i>Gnathobolus macronotus</i>	cellular		Kölliker (1859)
		<i>Pellona</i> sp.		acellular		personal observation (NHMUK)
		<i>Pristigaster</i> sp.		cellular		Kölliker (1859)
Ostariophysi	Alepocephaliformes Alepocephalidae	<i>Alepocephalus rostratus</i>		cellular		Kölliker (1859)
	Gonorhynchiformes Chanidae	<i>Chanos chanos</i>	<i>Lutodera chanos</i>	cellular		Kölliker (1859)
		? <i>Tharras araripes</i>		cellular		this study
	Gonorhynchidae	<i>Gonorhynchus</i> sp.		acellular		personal observation (NHMUK)
Cypriniformes	Acheilognathidae Catostomidae	<i>Rhodeus amarus</i>		cellular		Kölliker (1859)
		<i>Catostomus catostomus</i>		cellular		Moss (1965)
		<i>Catostomus columbianus</i>		cellular		Moss (1965)
		<i>Catostomus commersonii</i>		cellular		Moss (1965); this study
		<i>Catostomus platyrhynchus</i>	<i>Pantosteus delphinus</i>	cellular		Moss (1965)
		<i>Catostomus plebeius</i>	<i>Pantosteus plebeius</i>	cellular		Moss (1965)
		<i>Catostomus</i> sp.		cellular		Kölliker (1859)
		<i>Cyclopterus elongatus</i>		cellular		Moss (1965)
		<i>Erimyzon oblongus</i>		cellular		Moss (1965)
		<i>Erimyzon suetta</i>	<i>E. sinetta kennertii</i>	cellular		Moss (1965)
		<i>Hypentelium nigricans</i>		cellular		Moss (1965)
		<i>Ictiobus cyprinellus</i>	? <i>Megartomatobus cyprinella</i>	cellular		Moss (1965)
		<i>Ictiobus niger</i>		cellular		Moss (1965)
		<i>Moxostoma erythrurum</i>		cellular		Moss (1965)
		<i>Moxostoma macrostomum</i>	<i>M. aureolum</i>	cellular		Moss (1965)
Cobitidae		<i>Chromobotia macracanthus</i>	<i>Botia macracantha</i>	cellular		Moss (1961b)
		<i>Misgurnus anguillicaudatus</i>		cellular		Moss (1965)
	Cyprinidae	<i>Synbranchus hyemophysa</i>	<i>Botia hymenophysa</i>	cellular		Moss (1965)
		<i>Barbodes everetti</i>	<i>Barbus everetti</i>	cellular		Moss (1961b)
		<i>Barbus barbus</i>	<i>B. vulgaris</i>	cellular		Kölliker (1859); Meunier & Herbin (2014)
		<i>Carassius auratus</i>	<i>Cyprinus auratus</i>	cellular		Stéphan (1900); Moss (1961b)
		<i>Cyprinus carpio</i>		cellular		Kölliker (1859); Stéphan (1900); Moss (1961b); Meunier (1984a, 1987); Meunier et al. (2008a); Cohen et al. (2012); this study
		<i>Labeo niloticus</i>		cellular		Kölliker (1859)
		<i>Labeobarbus intermedius</i>	<i>Barbus elongatus</i>	cellular		Kölliker (1859)
		<i>Labeobarbus ocellatus</i>	<i>Danio ocellatus</i>	cellular		Moss (1965)
		<i>Mystacoleucus obtusirostris</i>	<i>Barbus marginatus, B. obtusirostris</i>	cellular		Kölliker (1859)
		<i>Osteochilus microcephalus</i>	<i>Danio lipocelia</i>	cellular		Kölliker (1859)
		<i>Pethia conchonius</i>	<i>Barbus conchonius</i>	cellular		Moss (1961b)
Danionidae		<i>Danio rerio</i>		cellular		Sire et al. (2009); Cao et al. (2011); Bruneel & Witten (2015)
		<i>Danio rerio</i>		mixed		Weigelt & Franz-Odendaal (2016)
Gobionidae		<i>Gobio gobio</i>	<i>G. fluviatilis</i>	cellular		Kölliker (1859)
Leuciscidae		<i>Abramsa braama</i>		cellular		this study
		<i>Alburnoides bipunctatus</i>	<i>Aspius bipunctatus</i>	cellular		Kölliker (1859)
		<i>Alburnus alburnus</i>	<i>A. lucidus</i>	cellular		Kölliker (1859)
		<i>Algansea tincella</i>	<i>Lencisus tincella</i>	cellular		Kölliker (1859)
		<i>Bilica bjoerkna</i>	<i>Abramis bilba</i>	cellular		Kölliker (1859)
		<i>Capoetoma anomalam</i>		cellular		Moss (1965)
		<i>Gila atraria</i>		cellular		Moss (1965)
		<i>Gila nigrescens</i>		cellular		Moss (1965)
		<i>Hesperoleucus symmetricus</i>		cellular		Moss (1965)
		<i>Lencisus aspius</i>	<i>Aspius aspius</i>	cellular		Currey et al. (2017)
		<i>Lencisus idus</i>		cellular		Moss (1965)
		<i>Luciulus cornutus</i>	<i>Notropis cornutus frontalis</i>	cellular		Moss (1965)

		<i>Meda fulgida</i>	cellular		Moss (1965)
		<i>Mylopharodon conocephalus</i>	cellular		Moss (1965)
		<i>Nothonotus micropogon</i>	<i>Hybognathus micropteron</i>	cellular	Moss (1965)
		<i>Notemigonus crysoleucas</i>	cellular		Moss (1961b); Moss (1965)
		<i>Notropis sallei</i>	<i>Aztecula sallei</i>	cellular	Moss (1965)
		<i>Notropis volvatus</i>	cellular		Moss (1965)
		<i>Phenacobius mirabilis</i>	cellular		Moss (1965)
		<i>Phoxinus pectoralis</i>	<i>P. laevis</i>	cellular	Kölliker (1859)
		<i>Pimephales promelas</i>	cellular		Moss (1965)
		<i>Platygobius gracilis</i>	cellular		Moss (1965)
		<i>Pseudaphritis hakonensis</i>	<i>Achirus hakonensis</i>	cellular	Moss (1965)
		<i>Ptychocheilus grandis</i>	cellular		Moss (1965)
		<i>Rhinichthys atratulus</i>	cellular		Moss (1965)
		<i>Rutilus rutilus</i>	acellular		2 Moss (1961b)
		<i>Rutilus rutilus</i>	<i>Lenciscus rutilus</i>	cellular	Kölliker (1859)
		<i>Semotilus atromaculatus</i>	cellular		Moss (1965)
		<i>Semotilus corporalis</i>	<i>Lencosomus corporaline</i>	cellular	Moss (1965)
		<i>Siphateles bicolor</i>	<i>S. obesus carus</i>	cellular	Moss (1965)
		<i>Tambachidys nasconis</i>	<i>Diodon nasconis</i>	cellular	Moss (1965)
		<i>Telestes souffia</i>	<i>Chondrostoma risella</i>	cellular	Kölliker (1859)
		<i>Zacco platypus</i>	cellular		Moss (1965)
Nemacheilidae		<i>Barbatula barbatula</i>	<i>Nemacheilus barbatulus</i>	cellular	Kölliker (1859); Moss (1965)
Tincidae		<i>Tinca tinca</i>	<i>T. chrysitis</i>	cellular	Kölliker (1859); Meunier & Herbin (2014); this study
Characiformes	Alestidae	<i>Alestes dentex</i>	cellular		Kölliker (1859)
		<i>Hydrocynus forskahlii</i>	<i>Hydrocyon forskahlii</i>	cellular	Kölliker (1859)
	Anostomidae	<i>Leporinus friderici</i>		acellular	Meunier (1987)
		<i>Leporinus</i> sp.	cellular		Kölliker (1859)
Bryconidae		<i>Brycon guatemalensis</i>	cellular		Moss (1965)
		<i>Brycon</i> sp.	cellular		Kölliker (1859)
Characidae		<i>Astyanax mexicanus</i>	<i>Tetragonopterus mexicanus</i>	cellular	Kölliker (1859); Moss (1965)
		<i>Cheirodon</i> sp.	cellular		Kölliker (1859)
		<i>Hypseleotris compressus</i>	cellular		Moss (1965)
		<i>Roeboëdes bouchellei</i>	<i>R. salvadoris</i>	cellular	Moss (1965)
Chilodontidae		<i>Chilodus punctatus</i>	cellular		Moss (1961b)
Citharinidae		<i>Citharinus citharus</i>	<i>C. geoffroyi</i>	cellular	Kölliker (1859)
Ctenoluciidae		<i>Ctenolucius beani</i>	<i>Luciobarbus beani</i>	cellular	Moss (1965)
Curimatidae		? <i>Carimata cyprinoides</i>	<i>Andino cyprinoides</i>	cellular	Kölliker (1859)
		<i>Steindachnerina dolbini</i>	<i>Carimata nasus</i>	cellular	Moss (1965)
Cynodontidae		<i>Hydrolycus sombreiroides</i>	cellular		this study
Distichodontidae		<i>Distichodus nefascus</i>	<i>D. niloticus</i>	cellular	Kölliker (1859)
Erythrinidae		<i>Hoplopyrinus unitaeniatus</i>	<i>Erythrinus unitaeniatus</i>	cellular	Kölliker (1859)
		<i>Hoplias malabaricus</i>	<i>Macrodon trahira</i>	cellular	Kölliker (1859); Moss (1965); this study
Gasteropelecidae		<i>Gasteropelecus sternicla</i>	cellular		Kölliker (1859)
Iguanodectidae		<i>Piabuca</i> sp.	<i>Piabuca bimaculata</i>	cellular	Kölliker (1859)
Prochilodontidae		<i>Prochilodus nigricans</i>	<i>Pacu nigricans</i>	cellular	Kölliker (1859); Moss (1965)
		<i>Semaprochilodus taeniurus</i>	<i>Pacu taeniurus</i>	cellular	Kölliker (1859)
Serrasalmidae		<i>Mylossoma rhomboidalis</i>	<i>Prionyulus rhomboidalis</i>	cellular	Meunier et al. (2008a)
		<i>Myloplus ternetzi</i>	<i>Myleus ternetzi</i>	cellular	Meunier et al. (2008a)
		<i>Serrasalmus spilopleura</i>	cellular		this study
Triportheidae		<i>Triportheus angulatus</i>	cellular		Moss (1965)
		<i>Triportheus rotundatus</i>	cellular	acellular	Meunier (1987)
Siluriformes	Ariidae	<i>Arius</i> sp.	cellular		Kölliker (1859)
		<i>Ariopsis felis</i>	cellular		this study
		<i>Catoprion melanopus</i>	<i>Arius melanopus</i>	cellular	Moss (1965)
		<i>Galeichthys feliceps</i>	cellular		this study
		<i>Sciaudes parkeri</i>	<i>Arius parkeri</i>	cellular	Meunier et al. (2008a)
Aspredinidae		<i>Aspredo aspredo</i>	<i>A. laevis</i>	cellular	Kölliker (1859)
Auchenipteridae		<i>Pseudachenipterus nodosus</i>	<i>Auchenipterus furcatus</i>	cellular	Kölliker (1859)
Bagridae		<i>Bagrus</i> sp.	cellular		Kölliker (1859)
Callichthyidae		Callichthys sp.	cellular		Kölliker (1859)
		<i>Cordyros aeneus</i>	cellular	cellular (scute)	Moss (1961b); Sire & Meunier (1993); Sire et al. (2009)
		<i>Cordyros elegans</i>	cellular		Moss (1961b)
		<i>Cordyros juli</i>	cellular		Moss (1961b)
		<i>Cordyros melanistius</i>	cellular		Sire & Meunier (1993)
		<i>Cordyros rabauti</i>	cellular		Moss (1961b)
		<i>Hoplosternum littorale</i>	cellular		Sire & Meunier (1993); Meunier et al. (2002)
		<i>Megalechis thoracata</i>	<i>Haplosternum thoracatum</i>	cellular	Moss (1961b)
Chacidae		<i>Chaca chaca</i>	<i>C. lophiopterus</i>	cellular	Kölliker (1859)
Clariidae		<i>Clarias anguillaris</i>	<i>Heterobranchus anguillaris</i>	cellular	Kölliker (1859)
		<i>Clarias batrachus</i>	cellular		Moss (1965)
		<i>Clarias fuscus</i>	cellular		Kölliker (1859)

	Claroteidae	<i>Chrysichthys</i> sp.		cellular		Meunier & Herbin (2014)
	Doradidae	<i>Platydoras costatus</i>		cellular		Sire & Meunier (1993)
	Heptapteridae	<i>Pimelodella gracilis</i>		cellular		this study
		<i>Rhamdia guatemalensis</i>		cellular		Moss (1965)
		<i>Rhamdia parryi</i>		cellular		Moss (1965)
	Heteropneustidae	<i>Heteropneustes fossilis</i>		cellular		Kölliker (1859)
	Ictaluridae	<i>Ameiurus melas</i>	<i>Ictalurus melas</i>	cellular		Meunier (1984a)
		<i>Ictalurus punctatus</i>		cellular		Moss (1965)
		<i>Ictalurus</i> sp.		acellular		Moss (1961b)
		<i>Nothonotus farrus</i>		cellular		Moss (1965)
		<i>Pylodictis olivaris</i>		cellular		Moss (1965)
	Loricariidae	<i>Ancistrus</i> sp.	<i>Xenocara</i> sp.	cellular		Moss (1961b)
		<i>Dasylophicaria filamentosa</i>	<i>Loricaria filamentosa</i>	cellular		Moss (1961b)
		<i>Harttia surinamensis</i>		cellular		Sire & Meunier (1993)
		<i>Loricaria cataphracta</i>		cellular		Kölliker (1859)
		<i>Loricaria paramythiae</i>		cellular		Sire & Meunier (1993)
		<i>Otocinclus</i> sp.		cellular		Moss (1961b)
		<i>Pterygoplichthys disjunctivus</i>	<i>Liposarcus disjunctivus</i>	cellular		Sire & Meunier (1993)
		sp.	<i>Plecostomus</i> sp.	cellular		Moss (1961b)
	Malapteruridae	<i>Malapterurus beninensis</i>		cellular		Kölliker (1859)
		<i>Malapterurus electricus</i>		cellular		Kölliker (1859)
	Mochokidae	<i>Synodontis clariss</i>	<i>Pimelodus clariss</i>	cellular		Moss (1965)
		<i>Synodontis schall</i>		cellular		Stéphan (1900)
		<i>Synodontis serratus</i>		cellular		Kölliker (1859)
	Pimelodidae	<i>Pimelodus</i> sp.		cellular		Kölliker (1859)
	Plotosidae	<i>Plotosus canus</i>	<i>P. unicolor</i>	cellular		Kölliker (1859)
	Schilbeidae	<i>Schilbe myrus</i>		cellular		Kölliker (1859); Moss (1965)
	Siluridae	<i>Kryptopterus bicirrhos</i>	<i>Silurus bicirrhos</i>	cellular		Kölliker (1859)
		<i>Silurus glanis</i>		cellular		Kölliker (1859)
	Trichomycteridae	<i>Trichomycterus</i> sp.		acellular		this study
		<i>Trichomycterus punctulatus</i>		acellular		Kölliker (1859)
Gymnotiformes	Apterontidae	<i>Apterontous albifrons</i>	<i>Stenarchus albifrons</i>	cellular		Moss (1961b)
		<i>Apterontous cuvierii</i>	<i>Sternarchoglanis cuvierii</i>	cellular		Moss (1965)
	Gymnotidae	<i>Electrophorus electricus</i>	<i>Gymnotus electricus</i>	cellular		Kölliker (1859)
		? <i>Gymnotus</i> sp.	<i>Carapus brachyurus</i>	cellular		Kölliker (1859)
		<i>Gymnotus carapo</i>		cellular		this study
Euteleostei	Hypopomidae	<i>Brachyhypopomus brevirostris</i>	<i>Hypopomus brevirostris</i>	cellular		Moss (1965)
	Argentiniformes	Argentinidae	<i>Argentina silus</i>	cellular	acellular	Kölliker (1859); personal observation (NHMUK)
	Galaxiiformes	Galaxiidae	<i>Galaxias truttaceus</i>	acellular		Kölliker (1859)
	?Esociformes	Incertae sedis	<i>Galaxias vulgaris</i>	acellular		Moss (1965)
	Esociformes	Esocidae	<i>Tlauthematurus intermedius</i>	acellular		Gaudant & Meunier (2004)
		<i>Esox americanus</i>		acellular		Moss (1961b)
	Umbridae	<i>Esox lucius</i>		acellular		Williamson (1851); Kölliker (1859); Amprino & Godina (1956); Moss (1961b); Moss (1965); Meunier (1984a, 1987); Meunier et al. (2008a)
		<i>Dallia pectoralis</i>		acellular		Moss (1965)
		<i>Umbra krameri</i>		acellular		Kölliker (1859)
		<i>Umbra limi</i>		acellular		Moss (1965)
?Salmoniformes	Incertae sedis	<i>Spaniodon elongatus</i>		cellular		this study
Salmoniformes	Salmonidae – Coregoninae	<i>Coregonus oxyrinchus</i>		cellular		Stéphan (1900)
		<i>Coregonus regnardi</i>		cellular		this study
		<i>Coregonus</i> sp.			acellular	personal observation (NHMUK)
		<i>Prosopium gemmifer</i>	<i>Leucichthys gemmifer</i>	cellular		Moss (1965)
		? <i>Prosopium prolificus</i>		cellular		this study
		<i>Prosopium williamsoni</i>		cellular		this study
	Salmonidae – Salmoninae	<i>Stenodus leucichthys</i>		cellular		this study
		<i>Oncorhynchus clarkii</i>		cellular		this study
		? <i>Oncorhynchus lacustris</i>		cellular		this study
		<i>Oncorhynchus mykiss</i>	<i>Salmo gaardneri viridens</i>	cellular	acellular	Moss (1965); Meunier (1987); this study
		<i>Oncorhynchus tshawytscha</i>		cellular		this study
		? <i>Paleolox larsoni</i>		cellular		this study
		<i>Paraluteres perryi</i>		cellular		this study
		<i>Salmo salar</i>		cellular		Kölliker (1859); Moss (1965); Hughes et al. (1994); Witten & Hall (2002); Totland et al. (2011); this study
		<i>Salmo trutta</i>	<i>S. fario</i>	cellular		Kölliker (1859); Stéphan (1900); this study
		<i>Salmo</i> sp.			acellular	personal observation (NHMUK)
		<i>Salebina confluentus</i>		cellular		this study
		<i>Salebina fontinalis</i>		cellular		Moss (1961b); Moss (1965); this study
		<i>Salebina namaycush</i>		cellular		this study
	Salmonidae – Thymallinae	<i>Thymallus thymallus</i>		acellular		this study
		<i>Thymallus</i> sp.			acellular	personal observation (NHMUK)
Stomiata	Osmeriformes	Osmeridae	<i>Osmerus mordax</i>	acellular		Moss (1961b)
		<i>Hypomesus pretiosus</i>		acellular		Moss (1965)
		<i>Thaleichthys pacificus</i>		acellular		Moss (1965)

	Stomiiformes	Gonostomatidae	<i>Gonostoma denudatum</i>		acellular		Kölliker (1859)
	Phosichthyidae	<i>Vinciguerria poweriae</i>	<i>Ichthyococcus poweriae</i>		acellular		Kölliker (1859)
	Sternopychidae	<i>Argyropelcus hemigymnus</i>			acellular		Kölliker (1859)
	Stomiidae	<i>Borostomias panamensis</i>			acellular		Germain et al., in press
		<i>Chandodus siamensis</i>	<i>C. setinotus</i>		acellular		Kölliker (1859)
		<i>Stomias boa</i>	<i>S. barbatus</i>		acellular		Kölliker (1859); Germain et al., in press
<b>Neoteleostei</b>							
	Aulopiformes	<i>Incertae sedis</i>	† <i>Eurypholis</i> sp.		acellular		Davesne et al. (2018)
	Aulopidae	<i>Aulopus filamentosus</i>	<i>Saurus lacerta</i>		acellular		Kölliker (1859)
		<i>Aulopus</i> sp.			acellular		personal observation (NHMUK)
	Evermannellidae	<i>Evermannella balbo</i>	<i>Odontostoma balbo</i>		acellular		Kölliker (1859)
	Synodontidae	<i>Synodus</i> sp.			acellular		Moss (1961b)
	Myctophiformes	Myctophidae	<i>Nothoscopelus elongatus</i>	<i>Myctophum elongatum</i>	acellular		Kölliker (1859)
	†Ctenothrissiformes	†Ctenothrissidae	† <i>Ctenothrissa rexilifer</i>		acellular		Davesne et al. (2018)
<b>Acanthomorpha</b>							
	<i>Incertae sedis</i>	<i>Incertae sedis</i>	† <i>Pycnosteroidea levipinnosus</i>		acellular		Davesne et al. (2018)
	Lampridiformes	<i>Incertae sedis</i>	† <i>Aploichthys</i> velifer		acellular		Davesne et al. (2018)
	Lampridae	<i>Lampris</i> sp.			cellular		Davesne et al. (2018); this study
	Regalecidae	<i>Regalecus russelii</i>			acellular		3 Paig-Tran et al. (2016)
	Trachipteridae	<i>Trachipterus trachipterus</i>	<i>T. spinolae, T. taenia</i>		acellular		Kölliker (1859)
		<i>Zu cristatus</i>	<i>Trachipterus repandus</i>		acellular		Kölliker (1859)
	Veliforidae	<i>Metavelifer multiradiatus</i>			acellular		this study
		<i>Velifer hypolepterus</i>			acellular		Davesne et al. (2018)
	Polymixiiformes	Polymixiidae	† <i>Omosoma</i> sp.		acellular		Davesne et al. (2018)
		<i>Polymixia</i> sp.			acellular		personal observation (NHMUK)
		<i>Polymixia nobilis</i>			acellular		this study
	Percopsiformes	Amblyopsidae	<i>Amblyopsis spelaea</i>		acellular		Kölliker (1859); Moss (1965)
		Aphredoderidae	<i>Aphredoderus sayanus</i>		acellular		Moss (1965)
		Percopsidae	<i>Pteropsis omissomaculatus</i>		acellular		Moss (1965)
	Zeiformes	Zeidae	<i>Zenus faber</i>		acellular	acellular (bony scutes)	Kölliker (1859); Meunier & Béarez (2019)
	Gadiformes	various Gadiformes			acellular		Khemiri et al. (2001)
		Gadidae	<i>Gadus morhua</i>		acellular		Kölliker (1859); Moss (1961b)
			<i>Melanogrammus aeglefinus</i>	<i>Gadus aeglefinus</i>	acellular		Kölliker (1859)
			<i>Gadopsis mediterraneus</i>	<i>Motella tricirrhata</i>	acellular		Kölliker (1859)
		Lotidae	<i>Lotula lota</i>	<i>L. lacustris, L. vulgaris</i>	acellular		Kölliker (1859); Amprino & Godina (1956); Moss (1965)
		Macrouridae	<i>Coelorinchus cataphractus</i>		acellular		Meunier (1984); Meunier et al. (2008a)
			<i>Coryphaenoides zanionotus</i>		acellular		Meunier (1984)
			<i>Negunia aquialis</i>		acellular		Kölliker (1859)
			<i>Trachyrhynchus scabrus</i>	<i>Lepidolepis trachyrhynchus</i>	acellular		Amprino & Godina (1956)
		Merlucciidae	<i>Merluccius merluccius</i>		acellular		Davesne et al. (2018)
	Trachichthyiformes	<i>Incertae sedis</i>	† <i>Argroaster heckeli</i>		acellular		Meunier & Saur (2007)
		Monocentridae	<i>Cleidopus gloriamaris</i>		acellular		Kölliker (1859)
			<i>Monocentris japonica</i>		acellular		Moss (1961b)
	Holocentriformes	Holocentridae	<i>Holocentrus adscensionis</i>		acellular		Kölliker (1859)
	Ophidiiformes	Carapidae	<i>Carapus australis</i>	<i>Fierasfer imberbis</i>	acellular		Moss (1961b)
		Ophidiidae	<i>Ophidion barbatum</i>		acellular	acellular	Kölliker (1859); Khemiri et al. (2001)
	Batrachoidiformes	Batrachoididae	<i>Opanus tau</i>	<i>Batrachus tau</i>	acellular		Kölliker (1859); Simmons et al. (1970)
	Pelagaria	Scombriformes	Centrolophidae	<i>Centrolophus niger</i>	<i>C. pomphilus</i>	acellular	Kölliker (1859)
			Hyperoglyphe sp.	<i>Palmnichthys</i> sp.	acellular		Meunier (1987)
		Scombridae – Gasterochismatinae	<i>Gasterochisma melampus</i>		acellular		this study
		Scombridae – Scombrini	<i>Scomber australasicus</i>		acellular		this study
		Scombridae – Scomberomorina	<i>Scomber scombrus</i>		acellular		Kölliker (1859); Amprino & Godina (1956)
			<i>Acanthocybium solandri</i>		acellular		this study
			<i>Scomberomorus cavalla</i>		acellular		Moss (1961b)
		Scombridae – Sardini	<i>Scomberomorus maculatus</i>		acellular		Moss & Posner (1960); Moss (1961b)
			<i>Gymnocranius unicolor</i>		acellular		this study
			<i>Sarda orientalis</i>		acellular		this study
		Sebastidae – Thunnini	<i>Auxis rochei</i>	<i>A. bisus</i>	cellular		Kölliker (1859)
			<i>Euthynnus affinis</i>		cellular		Meunier et al. (2008a); this study
			<i>Euthynnus adletteratus</i>		cellular		Amprino & Godina (1956)
			<i>Euthynnus lineatus</i>		cellular		Béarez et al. (2005)
			<i>Katsuwonus pelamis</i>	<i>Euthynnus pelamis</i>	acellular		2 Moss (1961b)
			<i>Katsuwonus pelamis</i>		cellular		Meunier (1984a); Meunier & Huyssenne (1992); Meunier et al. (2008a)
			<i>Thunnus alalunga</i>		cellular	cellular	Kölliker (1859); Meunier & Sire (1981); Meunier (1984a, 1987); Meunier et al. (2008)
			<i>Thunnus albacares</i>		cellular		Meunier et al. (2008)
			<i>Thunnus obesus</i>		cellular	cellular	Wainwright et al. (2018); this study
			<i>Thunnus thynnus</i>	<i>Thynnus vulgaris</i>	cellular		Kölliker (1859); Amprino & Godina (1956); Santamaria et al. (2018)
			<i>Thunnus sp.</i>		cellular		Stéphan (1900)
	Stromateidae	<i>Pterulites triacanthus</i>	<i>Poronotus triacanthus</i>		acellular		2 Moss (1961b)
	Tetragonuridae	<i>Tetragonurus curieri</i>			acellular	acellular	Mettenheimer, 1854; Kölliker (1859); Meunier & Saur (2007)

		Trichiuridae	<i>Lepidopus albii</i>		acellular		4	Meunier et al. (2010)
			<i>Lepidopus caudatus</i>	<i>L. argyreus</i>	acellular			Kölliker (1859)
			<i>Trichurus lepturus</i>	<i>T. haemela</i>	acellular		4	Kölliker (1859); Meunier et al. (2010)
			<i>Aulostomus chinensis</i>		acellular			Kölliker (1859)
Sygnatharia	Syngnathiformes	Aulostomidae	<i>Callionymus pusillus</i>	<i>C. laetitia</i>	acellular			Kölliker (1859)
		Callionymidae	<i>Centriscidae</i>	<i>Amphisbaena scutata</i>	acellular			Kölliker (1859)
			<i>Macrorhamphos scolopax</i>	<i>Centrisca scolopax</i>	acellular			Kölliker (1859)
		Dactylopteridae	<i>Dactylopterus volitans</i>		acellular			Kölliker (1859)
		Fistulariidae	<i>Fistularia peimba</i>	<i>F. immaculata</i>	acellular			Kölliker (1859)
			<i>Fistularia tabacaria</i>		acellular			Kölliker (1859)
		Mullidae	<i>Mullus barbatus</i>		acellular			Kölliker (1859)
		Pegasidae	<i>Eurypterus draconis</i>	<i>Pegasus draco</i>	acellular			Kölliker (1859)
		Syngnathidae	<i>Hippocampus erectus</i>	<i>H. huso</i>	acellular			Moss (1961b)
			<i>Hippocampus guttulatus</i>		acellular			Kölliker (1859)
			<i>Microphis lineatus</i>	<i>Oostethus lineatus</i>	acellular			Moss (1965)
			<i>Syngnathus typhle</i>		acellular			Kölliker (1859)
			<i>Syngnathus</i> sp.		acellular			Moss (1961b)
Gobiaria	Gobiiformes	Eleotridae	<i>Batis bumeralis</i>	<i>Eleotris bumeralis</i>	acellular			Kölliker (1859)
			<i>Dormitator maculatus</i>		acellular			Moss (1965)
		Gobiidae	<i>Acanthogobius flavimanus</i>		acellular			Moss (1965)
			<i>Gobius cruentatus</i>		acellular			Kölliker (1859)
			<i>Gobius niger</i>	<i>G. longirostratus</i>	acellular			Kölliker (1859)
			<i>Gobius paganellus</i>	<i>G. capito</i>	acellular			Kölliker (1859)
			<i>Taenioides anguillaris</i>	<i>Amblyopus hermannianus</i>	acellular			Kölliker (1859)
			<i>Trypanchus nigra</i>		acellular			Kölliker (1859)
			sp.		acellular			Moss (1961b)
	Kurtiformes	Apogonidae	<i>Apogon imberbis</i>	<i>A. reximorum</i>	acellular			Kölliker (1859)
			<i>Astrapogon stellatus</i>	<i>Apogon stellatus</i>	acellular			Moss (1961b)
Anabantaria	Anabantiformes	Anabantidae	<i>Anabas testudineus</i>	<i>A. scandens</i>	acellular			Kölliker (1859); Moss (1965)
		Channidae	<i>Channa asiatica</i>	<i>C. ocellata</i>	acellular			Moss (1965)
			<i>Channa gachua</i>	<i>Ophicephalus gachua</i>	acellular			Moss (1965)
			<i>Channa striata</i>	<i>Ophicephalus striatus</i>	acellular			Kölliker (1859)
		Helostomatidae	<i>Helostoma temminckii</i>		acellular			Kölliker (1859); Moss (1961b); Moss (1965)
		Ophronemidae	<i>Belontia hasselti</i>	<i>Polyacanthus hasselti</i>	acellular			Kölliker (1859)
			<i>Sandelia capensis</i>	<i>Spirobranchus capensis</i>	acellular			Kölliker (1859)
			<i>Trichopodus trichopterus</i>		acellular			Kölliker (1859)
	Synbranchiformes	Mastacembelidae	<i>Macrogobius circumcinctus</i>	<i>Mastacembelus circumcinctus</i>	acellular			Moss (1965)
			<i>Macrogobius punctatus</i>	<i>Mastacembelus punctatus</i>	acellular			Kölliker (1859)
		Synbranchidae	<i>Monopterus albus</i>	<i>M. javanicus</i>	acellular			Kölliker (1859)
			<i>Monopterus australis</i>	<i>Amphipnous cuchia</i>	acellular			Kölliker (1859)
			<i>Synbranchus marmoratus</i>	<i>S. immaculatus</i>	acellular			Kölliker (1859); Moss (1965)
Carangaria	Incertae sedis	Polynemidae	<i>Polynemus paradiseus</i>		acellular			Kölliker (1859)
		Sphyraenidae	<i>Sphyraena barracuda</i>		acellular			Kölliker (1859); Moss (1961b)
		Toxotidae	<i>Toxotes chatareus</i>		acellular			Moss (1965)
			<i>Toxotes jaculator</i>		acellular			Kölliker (1859)
	Carangiformes	Carangidae	<i>Caranx barbatus</i>	<i>Caranx barbatus</i>	acellular			Moss (1961b)
			<i>Caranx hippos</i>	<i>C. caranx</i>	acellular			Kölliker (1859)
			<i>Caranx latus</i>		acellular			
			<i>Elagatis bipinnulata</i>		acellular			Moss (1961b)
			<i>Narcates ductor</i>		acellular			Kölliker (1859)
			<i>Oligofates saurus</i>	<i>Chorinemus saltans</i>	acellular			Kölliker (1859)
			<i>Selene brownii</i>	<i>Vomer brownii</i>	acellular			Kölliker (1859)
			<i>Selene vomer</i>	<i>Argyrosomus vomer</i>	acellular			Kölliker (1859)
			<i>Seriola</i> sp.		acellular			Kölliker (1859)
			<i>Trachinotus watus</i>	<i>Licaria glauca</i>	acellular			Kölliker (1859)
			<i>Trachurus mediterraneus</i>		acellular			Moss (1961b)
			<i>Trachurus trachurus</i>	<i>Caranx trachurus</i>	acellular			Meunier et al. (2008a)
		Coryphaenidae	<i>Coryphaena hippurus</i>	<i>Lampadius sicalis</i>	acellular		4	Kölliker (1859); Desse et al. (1981); Meunier (1984a); this study
		Echeneidae	<i>Echeneis naucrates</i>		acellular			Kölliker (1859); Moss (1961b)
		Rachycentridae	<i>Rachycentron canadum</i>	<i>Echeneis remora</i>	acellular			Moss (1961b)
Istiophoriformes	Istiophoridae	Istiophoridae	<i>Istiophorus albicans</i>		acellular			Kölliker (1859)
			<i>Kajikia albida</i>		acellular			Moss (1961b)
			<i>Makaira nigricans</i>	<i>M. ampla</i>	acellular			Atkins et al. (2014); this study
			<i>Tetrapturus angustirostris</i>		acellular			Moss (1961b); Atkins et al. (2014)
			<i>Tetrapturus belone</i>		acellular			Atkins et al. (2014)
		Xiphidiidae	<i>Xiphias gladius</i>		acellular			Kölliker (1859)
Pleuronectiformes	Achiridae		<i>Trinectes maculatus</i>	<i>Achirus mollis</i>	acellular			Kölliker (1859); Ampriño & Godína (1956); Atkins et al. (2014); this study
		Bothidae	<i>Bothus podas</i>	<i>Rhombus podas</i>	acellular			Kölliker (1859)
		Cynoglossidae	<i>Syngnathus</i> sp.	<i>Plagusia</i> sp.	acellular			Kölliker (1859)
		Paralichthyidae	<i>Anglopetetta</i> sp.		acellular			Moss (1961b)
			<i>Paralichthys</i> sp.		acellular			Moss (1961b)

		Pleuronectidae	<i>Platichthys flesus</i>	<i>Platessa flesus</i>	acellular		Kölliker (1859)
			<i>Pseudopleuronectes americanus</i>		acellular		Moss (1961b)
		Scophthalmidae	<i>Scophthalmus maximus</i>	<i>Rhombus maximus</i>	acellular		Kölliker (1859)
		Soleidae	<i>Solea solea</i>	<i>Solea vulgaris</i>	acellular		Amprino & Godina (1956)
Ovalentaria	<i>Incertae sedis</i>	Ambassidae	<i>Parambassis wolffii</i>	<i>Chanda wolffii</i>	acellular		Moss (1965)
		Embriocidae	<i>Hystericarpus traskii</i>		acellular		Moss (1965)
		Polycentridae	<i>Monocirrhus polyacanthus</i>		acellular		Moss (1961b)
		Pomacentridae	<i>Abudefduf saxatilis</i>		acellular		Moss (1961b)
			<i>Abudefduf vaigiensis</i>	<i>Glyptodon rhati</i>	acellular		Kölliker (1859)
			<i>Amphiprion frenatus</i>		acellular		Moss (1961b)
			<i>Amphiprion percula</i>		acellular		Moss (1961b)
			<i>Chromis chromis</i>	<i>Heliasa castaneus</i>	acellular		Kölliker (1859)
			<i>Dascyllus aruanus</i>		acellular		Kölliker (1859)
			<i>Stegastes fuscus</i>	<i>Pomacentrus fuscus</i>	acellular		Kölliker (1859); Moss (1961b)
			<i>Stegastes leucostictus</i>	<i>Eupomacentrus leucostictus</i>	acellular		Moss (1961b)
Cichliformes	Cichlidae		<i>Andinacara latifrons</i>	<i>Aequidens latifrons</i>	acellular		Moss (1961b)
			<i>Geophagus surinamensis</i>	<i>Chromis surinamensis</i>	acellular		Kölliker (1859)
			<i>Haplochromis elegans</i>	<i>Astatotilapia elegans</i>	acellular		Huyssenne (1986)
			<i>Hemichromis bimaculatus</i>		acellular		Meunier (1987)
			<i>Herichthys deppii</i>	<i>Cichla deppii</i>	acellular		Kölliker (1859)
			<i>Oreochromis aureus</i>		acellular		Cohen et al. (2012)
			<i>Oreochromis niloticus</i>	<i>Chromis nilotica, Tilapia nilotica</i>	acellular		Kölliker (1859); Meurier et al. (2008a)
			<i>Ptenopryium scalarum</i>	<i>P. amekei</i>	acellular		Moss (1961b)
			<i>Sarotherodon melanotheron</i>	<i>Tilapia macrocephala</i>	acellular		Moss (1961b)
			<i>Vieja maculicanda</i>	<i>Cichlasoma maculicanda</i>	acellular		Moss (1965)
Atheriniformes	Atherinidae		? <i>Atherina presbyter</i>	<i>A. vulgaris</i>	acellular		Kölliker (1859)
		Atherinopsidae	<i>Atherinella sallei</i>	<i>Atherinella boliviari</i>	acellular		Moss (1965)
			<i>Chirostoma humboldtianum</i>	<i>Atherina humboldti</i>	acellular		Kölliker (1859)
			<i>Chirostoma jordani</i>		acellular		Moss (1965)
			<i>Labidesthes sicculus</i>		acellular		Moss (1965)
Beloniformes	Adrianichthyidae		<i>Oryzias latipes</i>		acellular		Ekanayake & Hall (1987); Cao et al. (2011)
	Belonidae		<i>Belone belone</i>	<i>B. vulgaris</i>	acellular		Kölliker (1859)
			<i>Potamorhaphis guianensis</i>		acellular		Moss (1961b)
			<i>Strongylura marina</i>		acellular		Moss (1965)
			<i>Strongylura notata</i>		acellular		Moss (1961b)
			<i>Strongylura strongylura</i>	<i>Belone canadimacula</i>	acellular		Kölliker (1859)
			<i>Tylosurus acus</i>	<i>T. imperialis</i>	acellular		Kölliker (1859)
	Exocoetidae		<i>Cheilopogon exsiliens</i>	<i>Exocoetus exsiliens</i>	acellular		Kölliker (1859)
	Hemiramphidae		<i>Hemiramphus sp.</i>		acellular		Kölliker (1859)
	Scomberesocidae		<i>Scomberesox saurus</i>	<i>Sayris camperi</i>	acellular		Kölliker (1859)
Cyprinodontiformes	Anablepsidae		<i>Anableps anableps</i>	<i>A. tetropthalmus</i>	acellular		Kölliker (1859); Moss (1961b)
	Aphanidae		<i>Aphanis fasciatus</i>	<i>Cyprinodon californicus</i>	acellular		Kölliker (1859)
	Cyprinodontidae		<i>Oreatus maderi</i>		acellular		Moss (1965)
	Fundulidae		<i>Fundulus diaphanus</i>		acellular		Moss (1965)
			<i>Fundulus heteroclitus</i>		acellular		Moss (1961b)
			<i>Fundulus kansae</i>		acellular		Moss (1965)
	Goodidae		<i>Goodea lutpoliti</i>		acellular		Moss (1965)
			<i>Ilyodon furcifer</i>		acellular		Moss (1965)
	Poeciliidae		<i>Belonesox belizanus</i>		acellular		Moss (1965)
			<i>Gambusia manni</i>		acellular		Moss (1961b)
			<i>Poecilia formosa</i>	<i>Mollienesia formosa</i>	acellular		Moss (1965)
			<i>Poecilia latipinnis</i>	<i>Mollienesia latipinnis</i>	acellular		Kölliker (1859); Moss (1961b)
			<i>Poecilia reticulata</i>	<i>Lebiasina reticulatus</i>	acellular		Moss (1961b)
			<i>Poecilia sphenops</i>		acellular		Moss (1965)
			<i>Poecilia vivipara</i>		acellular		Kölliker (1859)
			<i>Xiphophorus montezumae</i>		acellular		Moss (1965)
Mugiliformes	Mugilidae		<i>Mugil cephalus</i>		acellular		Kölliker (1859)
			<i>Mugil sp.</i>		acellular		Kölliker (1859); Moss (1961b)
Gobiesociformes	Gobiesocidae		<i>Lepadogaster lepadogaster</i>	<i>L. gouni</i>	acellular		Kölliker (1859)
Bleniiformes	Bleniidae		<i>Coryphoblennius galerita</i>	<i>Blennius montagui, B. galerita</i>	acellular		Kölliker (1859)
			<i>Istiblennius edentulus</i>	<i>Salarias quadricornis</i>	acellular		Kölliker (1859)
			<i>Parablennius gattorugine</i>	<i>Blennius gattorugine</i>	acellular		Kölliker (1859)
			<i>Scartella cristata</i>	<i>Blennius cristatus</i>	acellular		Moss (1961b)
	Clinidae		<i>Clinitrichus argentatus</i>	<i>Clinus argenteus</i>	acellular		Kölliker (1859)
			<i>Crysticeps sp.</i>		acellular		Kölliker (1859)
Eupercaaria	<i>Incetae sedis</i>	Callanthidae	<i>Callanthus niger</i>	<i>Anthias bipunctatus</i>	acellular		Kölliker (1859)
		Malacanthidae	<i>Malacanthus plumieri</i>		acellular		Moss (1961b)
		Moronidae	<i>Dicentrarchus labrax</i>		acellular		Kranenborg et al. (2005)
			<i>Morone americana</i>	<i>Roccus americanus</i>	acellular		Moss (1961b)
	Pomacanthidae		<i>Morone chrysops</i>	<i>Roccus chrysops</i>	acellular		Moss (1965)
			<i>Holacanthus ciliaris</i>	<i>Holacanthus bermudensis</i>	acellular		Moss (1961b)
			<i>H. isabelita</i>		acellular		Moss (1961b)

			<i>Holacanthus</i> sp.		acellular		Kölliker (1859)
	Scatophagidae		<i>Scatophagus argus</i>		acellular		Kölliker (1859)
	Sciaenidae		<i>Aplodinotus grunniens</i>		acellular		Moss (1961b)
			<i>Cynoscion regalis</i>	<i>Otolithus regalis</i>	acellular		Kölliker (1859)
			<i>Johnius belangerii</i>	<i>Corvina lobata</i>	acellular		Kölliker (1859)
			<i>Menticirrhus</i> sp.		acellular		Moss (1961b)
			<i>Microgymnus altipinnis</i>			acellular	Meunier et al. (2004)
			<i>Microgymnus undulatus</i>		acellular		Kölliker (1859)
			<i>Microgymnus</i> sp.		acellular		Moss (1961b)
			<i>Pogonias cromis</i>		acellular		Moss (1961b)
			<i>Scaena umbra</i>	<i>Corvina nigra</i>	acellular		Kölliker (1859)
	Siganidae		<i>Siganus jarius</i>	<i>Amphibacanthus jarius</i>	acellular		Kölliker (1859)
Gerriformes	Gerreidae		<i>Eugerres plumieri</i>	<i>Gerres plumieri</i>	acellular		Kölliker (1859)
			<i>Ulaema lefroyi</i>		acellular		Moss (1961b)
Uranoscopiformes	Ammodytidae		<i>Ammodytes tobianus</i>		acellular		Kölliker (1859)
	Uranoscopidae		<i>Uranoscopus scaber</i>		acellular		Kölliker (1859)
Labriformes	Labridae		<i>Bodianus scrufa</i>	<i>Labrus scrufa</i>	acellular		Kölliker (1859)
			<i>Coris julis</i>	<i>Julis vulgaris</i>	acellular		Kölliker (1859)
			<i>Halichoeres bivittatus</i>		acellular		Moss (1961b)
			<i>Halichoeres radiatus</i>		acellular		Moss (1961b)
			<i>Labrus mixtus</i>	<i>L. variegatus</i>	acellular		Kölliker (1859)
			<i>Lachnolaimus maximus</i>		acellular		Moss (1961b)
			<i>Syphodus tinca</i>	<i>Crenilabrus pavo</i>	acellular		Kölliker (1859)
			<i>Thalassoma bifasciatum</i>		acellular		Moss (1961b)
			<i>Thalassoma pavo</i>	<i>Julis pavo</i>	acellular		Kölliker (1859)
			<i>Xyrichtys novacula</i>		acellular		Kölliker (1859)
	Scaridae		<i>Chlorurus microrhinos</i>		acellular		this study
			<i>Scarus vetula</i>		acellular		Moss (1961b)
			<i>Sparisoma chrysopurpureum</i>		acellular		Moss (1961b)
			<i>Sparisoma cretense</i>	<i>Scarus creticus</i>	acellular		Kölliker (1859)
Ephippiformes	Drepanidae		<i>Drepane africana</i>		acellular		4 Desse et al. (1981); Meunier et al. (2008a)
	Ephippidae		<i>Chaetodipterus faber</i>	<i>Ephippus faber, E. gigas</i>	acellular		Kölliker (1859); Meunier & Herbin (2014)
			<i>Chaetodipterus</i> sp.		acellular		Moss (1961b)
Chaetodontiformes	Chaetodontidae		<i>Chaetodon capistratus</i>		acellular		Moss (1961b)
			<i>Chaetodon ocellatus</i>		acellular		Moss (1961b)
	Leiognathidae		<i>Secutor insidiosus</i>	<i>Equula insidiosus</i>	acellular		Kölliker (1859)
Acanthuriformes	Acanthuridae		<i>Acanthurus chirurgus</i>		acellular		Moss (1961b)
			<i>Acanthurus nigricans</i>		acellular		Kölliker (1859)
			<i>Ctenochaetus striatus</i>			acellular (modified scale)	Meunier & Francillon-Vieillot (1999)
			<i>Naso brevirostris</i>	<i>Nasus longicornis</i>	acellular		Kölliker (1859)
			<i>Lutjanidae</i>	<i>Astroderma guttatus</i>	acellular		Kölliker (1859)
Lutjaniformes	Haemulidae		<i>Haemulon album</i>		acellular		Moss (1961b)
			<i>Haemulon flavolineatum</i>		acellular		Moss (1961b)
			<i>Haemulon parra</i>		acellular		Moss (1961b)
			<i>Haemulon sciurus</i>		acellular		Moss (1961b)
			<i>Pomadasy kaakan</i>	<i>Pomadasy basta</i>	acellular		4 Meunier & Desse (1994)
			<i>Pomadasy stridens</i>	<i>Pristipoma stridens</i>	acellular		Kölliker (1859)
Lutjanidae			<i>Lutjanus apodus</i>		acellular		Moss (1961b)
			<i>Lutjanus synagris</i>		acellular		Moss (1961b)
			<i>Ocyurus chrysurus</i>		acellular		Moss (1961b)
Lobtiformes	Datnioididae		<i>Datnioides microlepis</i>		acellular		Moss (1965)
	Lobtidae		<i>Lobotes surinamensis</i>		acellular		Moss (1961b)
Spariformes	Lethrinidae		<i>Lethrinus nebulosus</i>		acellular		Meunier (1984a, 2011); Meunier et al. (2008)
	Sparidae		<i>Acanthopagrus australis</i>		acellular		5 Hughes et al. (1994)
			<i>Archosargus probatocephalus</i>	<i>Sargus ovis</i>	acellular		Kölliker (1859)
			<i>Boops boops</i>	<i>B. vulgaris</i>	acellular		Kölliker (1859)
			<i>Calamus articulans</i>		acellular		Moss (1961b)
			<i>Calamus boginado</i>		acellular		Moss (1961b)
			<i>Centraanthurus cirratus</i>	<i>Smaris insidiosus</i>	acellular		Kölliker (1859)
			<i>Dentex dentex</i>	<i>D. vulgaris</i>	acellular		Kölliker (1859)
			<i>Diplodus annularis</i>	<i>Sargus annularis</i>	acellular		Kölliker (1859)
			<i>Lagodon rhomboides</i>		acellular		Moss (1961b)
			<i>Lithognathus</i> sp.		acellular		Meunier & Herbin (2014)
			<i>Oblada melanura</i>		acellular		Amprino & Godina (1956)
			<i>Pagellus bogaraveo</i>	<i>P. centrodontus</i>	acellular		Kölliker (1859)
			<i>Pagrus auratus</i>	<i>Chrysophrys aurata</i>	acellular		5 Kölliker (1859); Hughes et al. (1994)
			<i>Pagrus pagrus</i>	<i>P. vulgaris</i>	acellular		Kölliker (1859)
			<i>Rhabdosargus sarba</i>		acellular		5 Hughes et al. (1994)
			<i>Sarpa salpa</i>	<i>Boops salpa</i>	acellular		Kölliker (1859)
			<i>Sparis amara</i>		acellular		Estévão et al. (2011); Sire & Meunier (2017)
			<i>Sparis maris</i>	<i>Smaris vulgaris</i>	acellular		Kölliker (1859)
Priacanthiformes	Cepolidae		<i>Cepola macrophthalmus</i>	<i>C. rubescens</i>	acellular		Kölliker (1859)

	Priacanthidae	<i>Priacanthus arenatus</i>	<i>P. macrophthalmus</i>	acellular		Moss (1961b)
		<i>Priacanthus hamrur</i>		acellular		Kölliker (1859)
Caproiformes	Caproidae	<i>Capros aper</i>		acellular		Kölliker (1859)
Lophiiformes	Antennariidae	<i>Histiocystis histrio</i>	<i>Chironectes histrio</i>	acellular		Kölliker (1859); Moss (1961b)
	Lophiidae	<i>Lophius americanus</i>		acellular		Meunier (1984); Meunier et al. (2008a)
	Ogcocephalidae	<i>Lophius piscatorius</i>		acellular		Kölliker (1859)
Tetraodontiformes	Balistidae	<i>Ogocephalus respertilio</i>	<i>Malthe respertilio</i>	acellular	acellular (modified scale)	Kölliker (1859); Meunier & Herbin (2014)
		<i>Balistapus undulatus</i>		acellular		Moss (1961b)
		<i>Balistes capricornis</i>		acellular		Kölliker (1859); Moss (1961b)
		<i>Balistes reticulatus</i>		acellular		Moss (1961b)
		<i>Balistoides conspicillum</i>		acellular		Meunier (2009)
		<i>Canthidermis sufflamen</i>		acellular		Moss (1961b)
	Diodontidae	<i>Chilomycterus sp.</i>		acellular		Moss (1961b)
		<i>Diodon hystrix</i>		acellular		Moss (1961b)
		<i>Diodon sp.</i>		acellular		Kölliker (1859)
	Molidae	<i>Mola mola</i>	<i>Orthagoriscus mola</i>	acellular		Kölliker (1859)
	Monacanthidae	<i>Aluterus scriptus</i>	<i>A. laevis</i>	acellular		Kölliker (1859)
		<i>Aluterus sp.</i>		acellular		Moss (1961b)
		<i>Monacanthus chinensis</i>	<i>M. geographicus</i>	acellular		Kölliker (1859)
Ostraciidae		<i>Lactophrys trigonus</i>		acellular		Moss (1961b)
		<i>Lactophrys triqueter</i>	<i>Ostracion triqueter</i>	acellular		Kölliker (1859)
Tetraodontidae		<i>Sphoeroides maculatus</i>		acellular		Moss (1961b)
		<i>Sphoeroides testudineus</i>		acellular		Moss (1961b)
		<i>Tetraodon lineatus</i>	<i>T. tabacaria</i>	acellular		Kölliker (1859)
	Triacanthidae	<i>Triacanthus biaculeatus</i>	<i>T. brevirostris</i>	acellular		Kölliker (1859)
Pempheriformes	Epigonidae	<i>Epigonus telescopus</i>	<i>Pomatomus telescopium</i>	acellular		Kölliker (1859)
Centrarchiformes	Centrarchidae	<i>Acantharchus pomotis</i>		acellular		Moss (1965)
		<i>Ambloplites rupestris</i>		acellular		Moss (1965)
		<i>Centrarchus macropterus</i>	<i>C. labrodes</i>	acellular		Kölliker (1859); Moss (1965)
		<i>Enneacanthus chaetodon</i>	<i>Mesogonistius chaetodon</i>	acellular		Moss (1965)
		<i>Enneacanthus obesus</i>		acellular		Moss (1965)
		<i>Lepomis cyanellus</i>	<i>Apomotis cyanellus</i>	acellular		Moss (1965)
		<i>Lepomis gibbosus</i>	<i>Pomotis gibbosus</i>	acellular		Kölliker (1859); Moss (1961b)
		<i>Lepomis gulosus</i>	<i>Chaoenobrytus gulosus</i>	acellular		Moss (1965)
		<i>Lepomis macrochirus</i>		acellular		Moss (1965)
		<i>Lepomis marginatus</i>		acellular		Moss (1965)
		<i>Lepomis sp.</i>	<i>Helioperca incisor</i>	acellular		Moss (1965)
		<i>Micropterus dolomieu</i>		acellular		Moss (1965)
		<i>Micropterus salmoides</i>	<i>Huso salmoides</i>	acellular		Moss (1965)
		<i>Pomoxis annularis</i>		acellular		Moss (1965)
		<i>Pomoxis sp.</i>		acellular		Moss (1961b)
Elassomatidae		<i>Elasoma zanatum</i>		acellular		Moss (1965)
Percichthyidae		<i>Siniperca chuatsi</i>		acellular		Moss (1965)
Teraponidae		<i>Terapon jarbua</i>	<i>T. serrus</i>	acellular		Kölliker (1859)
Perciformes sensu stricto	Agonidae	<i>Agonus cataphractus</i>	<i>Aspidophorus europaeus</i>	acellular		Kölliker (1859)
	Anarhichadidae	<i>Anarhichas denticulatus</i>		acellular		Meunier & Germain (2018)
	Channichthyidae	<i>Anarhichas lupus</i>		acellular		Kölliker (1859); Meunier (1984a)
	Cottidae	<i>Champscephalus gunnari</i>		acellular		Meunier et al. (2008a); Meunier et al. (2018b)
		<i>Cottus asper</i>		acellular		Moss (1965)
		<i>Cottus carolinus</i>		acellular		Moss (1965)
		<i>Cottus cognatus</i>		acellular		Moss (1965)
		<i>Cottus gobio</i>		acellular		Kölliker (1859)
		<i>Myoxocephalus polyacanthocephalus</i>		acellular		Horton & Summers (2009)
		<i>Myoxocephalus quadrcornis</i>		acellular		Moss (1965)
		<i>Myoxocephalus thompsonii</i>	<i>Triglonaia thompsonii</i>	acellular		Moss (1965)
Cyclopteridae		<i>Cyclopterus lumpus</i>		acellular		Moss (1961b)
Gasterosteidae		<i>Apeltes quadratus</i>		acellular		Moss (1965)
Nototheniidae		<i>Gasterosteus aculeatus</i>	<i>G. trachurus</i>	acellular	acellular (dermal plate)	Kölliker (1859); Moss (1965); Sire et al. (2009)
		<i>Lepidonotus squamifrons</i>	<i>Notothenia squamifrons</i>	acellular		Meunier et al. (2008a); Meunier et al. (2018b)
Percidae		<i>Ammodytes viridis</i>		acellular		Moss (1965)
		<i>Etheostoma lateristrigatum</i>		acellular		Moss (1965)
		<i>Etheostoma nigrum</i>	<i>Boleosoma nigrum olmstedi</i>	acellular		Moss (1965)
		<i>Gymnocephalus cernua</i>	<i>Acerina cernua, A. vulgaris</i>	acellular		Kölliker (1859); Moss (1965)
		<i>Perca flavescens</i>		acellular		Moss (1961b)
		<i>Perca fluviatilis</i>		acellular		Kölliker (1859); Meunier et al. (2008a)
		<i>Perca caprodes</i>		acellular		Moss (1965)
		<i>Sander canadensis</i>	<i>Stizostedion canadense</i>	acellular		Moss (1965)
		<i>Sander lucioperca</i>	<i>Lucioperca sandra</i>	acellular		Kölliker (1859)
Platycephalidae		<i>Platycephalus indicus</i>	<i>P. insidiator</i>	acellular		Kölliker (1859)
Scorpaenidae		<i>Pterois volitans</i>		acellular		Moss & Posner (1960); Moss (1961b)
		<i>Scorpaena plamieri</i>		acellular		Moss (1961b)
Serranidae		<i>Centropristes striata</i>		acellular		Moss (1961b)

		<i>Cephalopholis fufra</i>		acellular		Moss (1961b)
		<i>Diplecnum formosum</i>		acellular		Moss (1961b)
		<i>Epinephelus drummondhayi</i>		acellular		Moss (1961b)
		<i>Epinephelus striatus</i>		acellular		Moss (1961b)
		<i>Paraluteres clathratus</i>		acellular		Glowacki et al. (1986)
		<i>Serranus cabrilla</i>		acellular		Kölliker (1859)
		<i>Serranus</i> sp.		acellular		Moss (1961b)
Trachinidae		<i>Echiichthys vipera</i>	<i>Trachinus vipera</i>	acellular		Kölliker (1859)
		<i>Trachinus draco</i>		acellular		Kölliker (1859)
Triglidae		<i>Chelidonichthys cuculus</i>	<i>Trigla cuculus</i>	acellular		Kölliker (1859)
		<i>Prionotus carolinus</i>		acellular		Kölliker (1859)
		<i>Prionotus stephanophrys</i>		acellular		4 Meunier et al. (1999)
		<i>Prionotus</i> sp.		acellular		Moss (1961b)
		<i>Trigla hyra</i>		acellular		Kölliker (1859)
Zoarcidae		<i>Thermares arberus</i>		acellular		Meunier & Arnulf (2018)

Figure S1

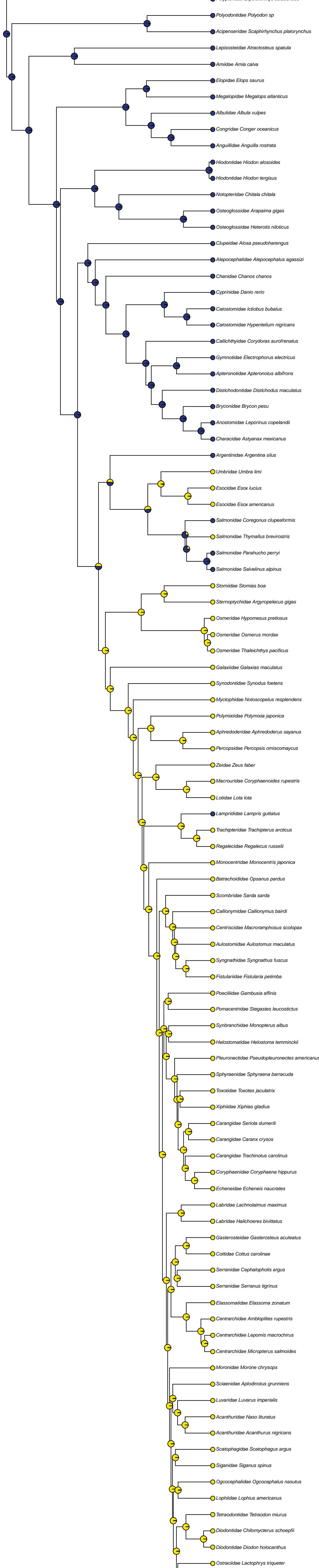


Figure S2

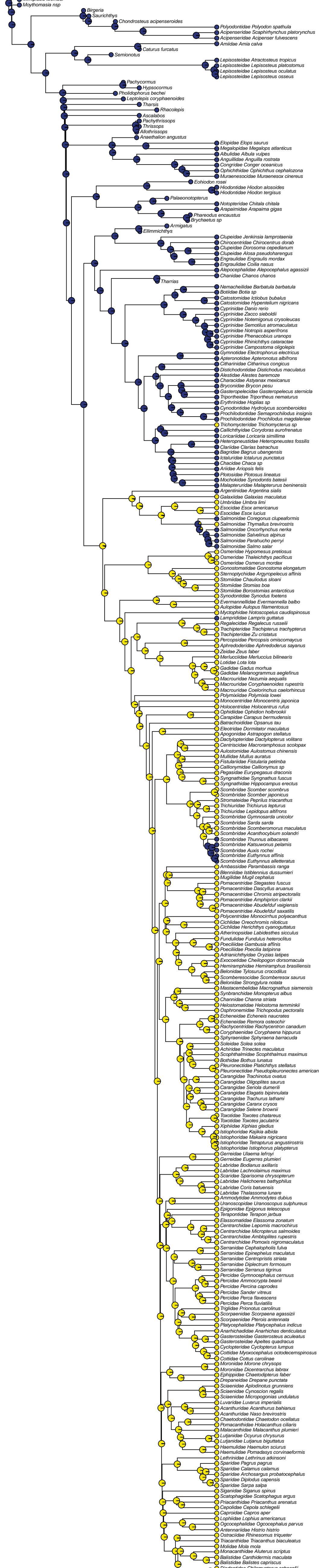


Figure S3

