

Taxon	Representative source	Morphology	Age/Record
Elasmobranchii	Reif (1973); Motta (2004)	non-cone-shaped teeth	Cretaceous
Ichthyodectiformes (e.g., <i>Xiphactinus</i>)	Schwimmer et al. (1997b)	not all species possess procumbent anterior teeth	unknown from European Maastrichtian
Euteleostei	Friedman (2009)	often numerous fanglike conical teeth alternated by small teeth	Late Cretaceous
Dyrosauridae	Khosla et al. (2009)	narrow arc of front teeth, different tooth sizes	no contemporary records in Europe
Pliosauridae	Ketchum and Benson (2010); Fischer et al. (2015)	procumbent anterior teeth known	disappeared more than 20 Ma before <i>Echinocorys</i> record
<i>Aristonectes parvidens</i> (and the following = Elasmosauridae)	Cabrera (1941); Gasparini et al. (2003); O’Gorman (2016)	relatively large cranium (0.73 m length); jaw bones containing numerous tiny alveoles	Maastrichtian of the Weddellian Sea
<i>Elasmosaurus platyurus</i>	Sachs (2005)	prognathous dentition	early Campanian of Kansas
<i>Hydrotherosaurus alexandriae</i>	Welles (1943)	skull length only 0.33 m; remarkable irregular dentition, not procumbent	Campanian-Maastrichtian of California
<i>Kaiwhekea katiki</i>	Cruickshank and Fordyce (2002)	small and homodontous needle-shaped teeth; skull length 0.62 m	Maastrichtian of New Zealand
<i>Libonectes morgani</i>	Carpenter (1997, 1999)	premaxillae and dentary with prognathous anterior tooth pairs	early Turonian of Texas
<i>Styxosaurus snowi</i>	Welles (1952); Carpenter (1999)	prognath, but skull too short (0.47 m) and slender teeth	Coniacian–Santonian of Texas
<i>Terminonatator ponteixensis</i>	Sato (2003)	skull length 0.26 m ; anteriorly procumbent teeth	late Campanian of Saskatchewan
<i>Tuarangisaurus keyesi</i>	Wiffen and Moisley (1986); Carpenter (1999)	long and narrow teeth, skull length 0.37 m; premaxillary teeth interlocked with dentary teeth which are meagerly prognath	Maastrichtian of New Zealand
<i>Dolichorhynchops herschelensis</i> (= Polycotylidae)	Sato (2005)	extremely narrow arrangement of teeth (in parallel)	late Campanian-early Maastrichtian of Saskatchewan