

List of chelonioid turtles examined, with appendicular skeleton preserved. () shows the length of skeleton in mm.

Museum Abbreviations

AMNH: American Museum of Natural History, New York
 BM(NH): British Museum(Natural History), London
 BPBM: Bishop Museum, Honolulu
 CM: Carnegie Museum, Pittsburgh
 FMNH: Field Museum of Natural History, Chicago
 HMG: Hobetsu Museum, Hobetsu
 IRScNB: Insitut Royal des Sciences Naturelles Belgique, Brussels
 KU: University of Ksnsas, Natural History Museum, Lawrence
 NHMM: Natuurhistorisch Museum, Maastricht
 NJSM: New Jersey State Museum, Trenton
 RH: Ren Hirayama Collection
 SM: Sedgwick Museum, Cambridge University, Cambridge
 TUTg: Teikyo University of Technology, Ichihara
 USNM: United States National Museum of Natural History, Smithsonian Institution, Washington, D.C.
 YPM: Yale Peabody Museum, New Haven

Family Toxochelyidae

Toxochelys latiremis COPE, 1873

AMNH2362: holotype; coracoid, ilium, associated with lower jaw; near the folks of Smoky Hill River, Kansas; ?Sharon Springs Shale Mb., Pierre Shale Fm. (Upper Campanian)

AMNH1776: left scapula, humerus(182), radius(95), ulna(86) & manus, associated with skull (165; condylo-basal length) and lower jaw; Mule Creek, Junction, Wyoming; Sharon Springs Shale Mb., Pierre Shale Fm.

AMNH5843: left humerus(177), radii(97), right ulna(90), manus, left pubis, femora(176?), left tibia(127), fibula(123), associated with skull(162), lower jaw, and cervical vertebrae; Mule Creek, 20 Miles south of Edgemont, Fall River County, South Dakota; Pierre Shale Fm.

AMNH6080: holotype of *Porthochelys browni* Hay, 1905; right humerus(172), manus, right? femur, associated with skull(172) and lower jaw; 20 miles southeast of Edgemont, South Dakota; Pierre Shale Fm.

FMNH PR123: coracoids(right 139), scapulae, humeri(left 143), left radius, ulnae(left 66) and manus, associated with shell and cervical vertebrae; Kansas: Niobrara Chalk Fm. (Coniacian or Santonian)

FMNH UR93: right coracoid(115), humerus(111) and ulna, associated with nuchal; Kansas; Niobrara Chalk Fm.

KUVP21503: right scapula and femur, associated with partial plastron; #1, Rooks County, Kansas; base of Smoky Hill Chalk Mb., Niobrara Chalk Fm.

KUVP36118: left humerus, manus, associated with skull(186) and lower jaw, left epiplastron: Redbird, Wyoming; Pierre Shale Fm.

USNM12007: scapulae, humeri(right 135, left 134), manus, associated with right quadrate, cervical vertebrae and partial shell; near Russel Springs, Logan County, Kansas; Niobrara Chalk Fm.

USNM12009: coracoid, scapula, ischia, ilia, pubis, associated with skull, lower jaw, partial plastron; 2 miles south of Russel Springs, Kansas; Niobrara Chalk Fm.

USNM18252: scapulae, coracoids, humeri(right 142, left 139), radii, ulnae and manus, associated with skull(141),

- lower jaw, cervical vertebrae; R61W, T38N, sec. 24, NW1/4, Pfester Ranch, Niobrara County, Wyoming; Pierre Shale Fm.
- USNM18279: scapulae, coracoids(right 192), right humerus(171), radius(95), ulna(90.5) and manus, associated with lower jaw, hyoids, cervical vertebrae, epiplastra; T38N, R61W, sec. 12, NE1/4, Pfester Ranch, Niobrara County, Wyoming; Pierre Shale Fm.
- YPM1386: left humerus(142) and manus, associated with skull and fifth? cervical vertebra; 12 miles east of Ft. Wallace, Kansas; Niobrara Chalk Fm.
- YPM1387: right humerus, associated with skull and lower jaw; 11 miles east of Ft. Wallace, Kansas; Niobrara Chalk Fm.
- YPM3602: scapulae, coracoids, right humerus(115), radius(59), ulna, ilia, femora(right 100), left tibia(67) and fibula(60), right pes, associated with skull(95), cervical and caudal vertebrae, and partial shell(500 as estimated); 11 miles east of Ft. Wallace, Kansas; Niobrara Chalk Fm.
- YPM3604: humeri(right 138, left 134), radii(right 72, left 75), ulnae(left 66) and manus, associated with skull(115), lower jaw, cervical vertebrae and partial shell; Kansas; Niobrara Chalk Fm.
- YPM3609: right ilium and femur, associated with skull(110), lower jaw, and partial shell; Wallace County, Kansas; Smoky Chalk Mb., Niobrara Chalk Fm.
- YPM3611: coracoid, manus, associated with skull, cervical vertebrae and partial shell; Garden of the Gods, western Kansas; Niobrara Chalk Fm.
- Toxochelys moorveillensis* ZANGERL, 1953
FMNH P27349: left femur(120 as estimated), associated with skeletal fragments; Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb., Selma Fm. (Lower Campanian)
- FMNH P27403: left humerus(140); Moore farm, Dallas County, Alabama; Mooreville Chalk Mb., Selma Fm.
- FMNH PR136: left coracoid, scapula, humeri, right radius, ulna(60), femur, fibula(75), tibiae(77), pes, associated with caudal vertebrae and shell(630 as estimated); SW.1/4, NW.1/4, sec.5, T.15., R.15 E., Burkville area, Loundes County, Alabama; Mooreville Chalk Mb., Selma Fm.
- Porthochelys laticeps* WILLISTON, 1901
KUVVP1204; (holotype): right humerus, associated with skull(113), lower jaw and shell; on the Saline River, Trego County, Kansas; Smoky Hill Chalk Mb., Niobrara Chalk Fm. (Coniacian or Santonian)
- Family Cheloniidae
- Cretaceous cheloniid, gen. et sp. indet.
[toxochelyid grade]
- BM(NH)R22: isolated right humerus; Folkestone, Kent, England; Gault (Middle or Upper Albian)
- BM(NH)R23: isolated right humerus(68); Folkestone, Kent, England; Gault
- BM(NH)R402: isolated proximal portion of right humerus; Weymouth, Dorsetshire, England; Lower Chalk (Cenomanian)
- BM(NH)R1913: isolated left humerus(143); Cambridge, Cambridgeshire, England; Cambridge Greensand (Upper Albian)
- BM(NH)R2254: proximal portion of right humerus; Cambridge, Cambridgeshire, England; Cambridge Greensand
- YPM493: isolated left humerus(147); Hornerstown, New Jersey; ?Lower

- Paleocene
 YPM40957: isolated left humerus; Hornerstown, New Jersey; ?Lower Paleocene
- YPM(uncatalogued specimen<100>; isolated right humerus; New Jersey; Upper Cretaceous or Lower Paleocene
- YPM(uncatalogued specimen); isolated right humerus; New Jersey; Upper Cretaceous or Lower Paleocene
- Lophochelys stenoporus* (HAY,1905)
 KUVF2060: holotype; humeri, manus, right ilium, associated with skull, lower jaw, and partial shell; Gove County, Kansas; Smoky Hill Chalk Mb. , Niobrara Chalk Fm.(Senonian; Upper Cretaceous)
- AMNH6137: holotype of *Toxochelys elkader* Hay, 1908; scapula, humeri (95) , right ulna(44) , metacarpals, pelvic girdle, femur, right tibia(59) , fibula(59) , pes, associated with skull (105) , lower jaw and partial shell; near Elkader, Logan County, Kansas; Smoky Hill Chalk Mb. , Niobrara Chalk Fm.(Senonian)
- FMNH P27352: scapula, left humerus (135) , proximal portion of left femur, associated with caudal vertebrae and neural; Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb. Selma Fm.(Campanian)
- FMNH P27361: holotype of *Ctenochelys tenuitesta* Zangerl, 1953; left scapula, humerus lacking distal end, associated with sixth cervical vertebra and partial shell; Moore Broyhers farm, Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- FMNH P27362: distal end of humerus, associated with partial shell; Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- FMNH P27366: distal portion of right humerus, radius, ulna and manus; Twp.11, west of Alabama Highway 13; Selma Fm. , below Arcola limestone
- FMNH P27548: pelvic girdle, associated with eighth cervical vertebra and partial carapace; Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- FMNH P27563: right coracoid, ilium, proximal portion of left femur, associated with carapace fragments; Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- FMNH PR110: proximal portion of right femur and distal portion of left one, associated with shell fragments; 1/2 mile west of Stubbs farm, Dallas County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- FMNH PR220: holotype of *Lophochelys natarix* Zangerl, 1953; right scapula, coracoid(38) , humerus(39) , associated with eight cervical vertebra and partial shell (240 as estimated); 1 mile north of the Pyramids, Logan County, Kansas; Niobrara Chalk Fm.
- FMNH PR235: proximal half of right femur: "Aunt Hates" turtle site, Mt. Hebron, Greene County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- FMNH PR248: distal end of humerus, pelvic girdle, associated with partial shell; Harrell Station area, Dallas County, Alabama; Mooreville Chalk Mb. , Selma Fm.
- KUVF1205: coracoid, humerus, ilium, phalanges, associated with partial shell; western Kansas; Smoky Chalk Mb. , Niobrara Chalk Fm.
- KUVF65547: proximal half of left humerus, right ilium; 3.5 miles southwest of Castle Rock, Sec. 22-23, T14S, R26W, Gove County, Kansas; Smoky Hill Chalk Mb. , Niobrara

- Chalk Fm. (Coniacian)
- USNM3903: left scapula, coracoid, right humerus, femur(134); Smoky Hill River, Kansas; Niobrara Chalk Fm.
- USNM6013: right coracoid, scapulae, humeri, associated with skull, lower jaw and shell; Butte Creek, Logan County, Kansas; Smoky Hill Chalk Mb., Niobrara Chalk Fm.
- USNM12008: left humerus(135) and manus; Logan County, Kansas; Smoky Hill Chalk Mb., Niobrara chalk Fm.
- USNM357166: right scapula, humeri (right 35, left 36), pubes, femora(34), associated with skull(65), lower jaw, cervical vertebrae, and shell(210); Kansas; Niobrara Chalk Fm.
- cf. *Peritresius ornatus* (LEIDY, 1856)
- YPM40289: isolated left humerus(175); Birmingham, New Jersey; ?Late Cretaceous
- Glyptochelone suykerbuykii* (UBAGHS, 1879)
- IRScNB3903: pubes, ilia and left femur, associated with shell; Spiennes, Hainaut, Belgium; Assise van Spiennes (Upper Maastrichtian)
- Osteopygis emarginatus* (COPE, 1868)
- MJSM12273: left humerus, associated with skull and lower jaw, main fossiliferous layer of the Inversand Company marl Pit, near Sewell, Mantua Twp., Gloucester County, New Jersey; Lower Hornerstown Fm. (Lower Paleocene)
- YPM487: isolated right humerus(98); Barnesboro, Gloucester County, New Jersey; ?Lower Paleocene
- YPM676: isolated left humerus; Barnesboro, Gloucester County, New Jersey; "Mid-Marl Bed" (?Lower Paleocene)
- YPM778: holotype of *Propleura borealis* Wieland, 1904; left humerus, pelvic girdle, associated with partial shell; Cream Ridge marl Company's Pits, near Hornerstown, Mammoth County, New Jersey; ?Lower Paleocene
- YPM783: holotype of *Osteopygis gibbi* WIELAND, 1904; humeri(left 141 as reconstructed) and radii(left 83), femora(right 150), tibiae (right 102), pes, associated with seventh cervical centrum, partial shell(690); Barnesboro, New Jersey; "Upper Greensand" (?Lower Paleocene)
- YPM1585: left humerus, associated with partial carapace; Mullica Hill, New Jersey; ?Lower Paleocene
- YPM(uncatalogued specimen;<380>: right humerus; New Jersey; ?Lower Paleocene
- Erquellinnesia planimenta* (OWEN, 1841)
- BM(NH)37205: shaft of right humerus, associated with skull and lower jaw; near Harwich, Essex, England; London Clay A(Lower Ypresian, Lower Eocene)
- Erquellinnesia gosseleti* (DOLLO, 1886)
- IRScNB Ht. R7(Reg. 1563): holotype; left ilium and pubis, associated with skull(127), lower jaw, caudal vertebrae, shell(630); sand pit near Erquelline, Hainaut, Belgium; Landen Fm. (Lower Thanetian, Upper Paleocene)
- CM3426: proximal portion of left humerus, associated with skull(129) and partial shell; no locality data, probably same as the holotype based on its preservation; Landen Fm.
- IRScNB Reg. 1628: left humerus(110), associated with skull(121), lower jaw, and partial shell; locality and horizon same as the holotype.
- IRScNB Reg. 1634: left humerus(123), right ulna(59), radius(69), manus, right femur(112), tibia(80), associated

- with partial shell; locality and horizon same as the holotype.
- IRScNB Reg. 1683: left coracoid(116), pelvic girdle, femora, right tibi(95), fibula(97), pes associated with caudal vertebrae, and partial carapace; locality and horizon same as the holotype.
- Puppigerus camperi* (GRAY, 1831)
- IRScNB EF. R. 72(Reg.14); humeri(right 60), left 63), articulated with skull(83), lower jaw and shell(322); Maransart, Belgium; Brussels Fm. (Lutetian, Middle Eocene)
- IRScNB EF. R. 73(Reg. 15); left humerus(73), ulna tibia(42), articulated with skull(101), lower jaw, and shell(35); Belgium; Brussels Fm.
- Eochelone brabantica* DOLLO, 1903
- IRScNB Ht. R. 1(Reg. 1661):holotype; scapula, humeri(right 141), radii(left 78), ulnae(left 69), manus, left ilium, left femur(104), tibiae(right 74, left 75), left pes, associated with skull(135), lower jaw, shell(710); Saint Remy-Geest, Brabant, Belgium; Brussels Fm. (Lutetian, Middle Eocene)
- IRScNB Leg. 1662: humeri, associated with skull, lower jaw, shell(500); Melsbroek, Belgium; Brussels Fm.
- IRScNB PT. R. 61(Reg. 1688): humeri, pelvic girdle, femora, associated with skull(111), shell(570); Loupoingne, Belgium; Brussels Fm.
- IRScNB Reg. 1691: right coracoid(112), humeri (right 97, left 96), left radius(45 as exposed), ulna(37 as exposed), femora(right 57 as exposed), tibiae(left 43), fibulae(left 39 as exposed), associated with shell(500); Loupoingne, Belgium; Brussels Fm.
- IRScNB Reg. 1692: pectoral and pelvic girdles, associated with plastron: Loupoingne, Belgium; Brussels Fm.
- Argillochelys subcristata* (OWEN, 1841)
- BM(NH)38952: holotype; some appendicular skeletons including femora(right 34, left 37 as preserved), tibiae(right 24, left 23), fibulae(right 23, left 22), associated with skull and shell; Isle of Sheppey, Kent, England; London Clay D-E(Upper Ypresian, Lower Eocene)
- cheloniid indet.
- IRScNB Ref. 3906: holotype of *Oligochelone rupeliensis* Dollo, 1909; right humerus(101); Niel, Belgium; Rupel Fm. (Middle Oligocene)
- IRScNB IG8289I: humeri(left 171); Steendorp, Belgium; Rupel Fm.
- IRScNB IG8289A: right humerus(115); Steendorp, Belgium; Rupel Fm.
- IRScNB IG8289J: right humerus(127); Terhaegen, Belgium; Rupel Fm.
- IRScNB IG8289K: left humerus(55); Rupelmonde, Belgium; Rupel Fm.
- IRScNB IG8289N: proximal half of left humerus; Rumpst, Belgium; Rupel Fm.
- Syllomus aegyptiacus* (LYDEKKER, 1889)
- AMNH1661: scapulae, coracoids, pelvic girdle, associated with cervical vertebrae, partial shell; Horsehead Cliffs, King George County; Calvert Fm. (late Early Miocene)
- AMNH6134: holotype of *Syllomus crispatus* Cope, 1896; right humerus associated with pleural fragments; marl pits near Hanover, Virginia; Calvert Fm.
- USNM13859: holotype of *Peritresius virginianus* Berry et Lynn, 1936; distal portion of right tibia(62 as estimated), associated with cervical vertebrae and partial shell; Horsehead Cliffs,

King George County, Virginia;
Calvert Fm.

USNM24878: isolated right humerus(83); 1.
5 mile south of Parkers Cerrk, Calvert
County, Maryland; Zone 12 of Calbert
Fm.

USNM24880: humeri, left radius, ulna; a
fallen brock found along the western
Horsehead Cliffs, King George County,
Virginia; probably Zone 13, Calvert
Fm.

USNM24881: isolated left femur(71); eastern
Stratford Cliffs, Westmoreland County,
Virginia; Zone 12 of Calbert Fm.

USNM187382: left humerus(109) and right
ulna, associated with skull, lower jaw,
cervical vertevrra, shell fragments;
bluffs on the Morris properly along
the south bank of the Potomac River
1km west of the mouth of bridg's
Creek, Wakefield, Westmoreland
County, Virginia; Plum Point Mb.
(probably from a horizon equivalent to
Shattuck's Zone 12), Calvert Fm.
(late Early Miocene), Chesapeake
Group.

USNM357168: isolated right humerus(103);
Lee Greek Mine, south side of Pamlico
River, near Aurora, Beaufort County,
North Carolina; Yorktown Fm. (Lower
Pliocene)

USNM358317: isolated right humerus(127);
Lee Greek Mine, south side of Pamlico
River, near Aurora, Beaufort County,
North Carolina; Yorktown Fm.

USNM358687: right tibia(59); Lee Greek
Mine, south side of Pamlico River,
near Aurora, Beaufort County, North
Carolina; Yorktown Fm.

Procolpochelys grandaeva LEIDY, 1851

USNM24889: left humerus(105), left femur
(80), associated with vertebrae and
patial carapace; western end of the
Horsehead Cliffs about 5 feet above the

beach, King george County, Virginia;
about 1 foot below Zone 12, Calvert
Fm. (late Early Miocene)

Natator depressus (GARMAN, 1880);

measurements after ZANGERL, *et al.* (1988)

BPBM8292: coracoids(247), humeri(171),
femora(130), skull(155), shell(830);
Crab I, Queensland, Austlaria; Recent.

BPBM8294: coracoids(240), humeri(164),
femora(127), skull(154), shell(825);
Sandy I No. 2, Northern Territory,
Austlaria; Recent.

BPBM8295: coracoids(244), humeri(160),
femora(127), skull(151), shell(810);
same locality as BPBM8294; Recent.

BPBM8299: coracoids(228), humeri(159),
femora(130), skull(146), shell(800);
"The Needles", cape Domett, Western
Austalia; Recent.

Eretmochelys imbricata (LINNAEUS, 1766)

FMNH22352: coracoids(right 155, left 154),
humeri(right 114, left 115), ulnae(right
53, left 54), radii(right 62, left 64),
femora (right 76, left 79), tibiae(right 57,
left 58), fibulae(right 54, left 53),
complete skeleton including skull
(102), shell(455); no data; Recent

FMNH31009: coracoids(right 199, left 116),
humeri(82), ulnae(left 41), radii(left
50), femora(56), tibiae(left 44), fibulae
(41); Bahama Islands, British West
Indies; Recent

FMNH67433: coracoids(right 161, left 162),
humeri(left 118), ulnae(left 60), radii
(left 69), femora(left 84), tibiae(left
64), fibulae(59), complete skeleton
including skull(112); No Data; Recent

Chelonia mydas (LINNAEUS, 1758)

FMNH56: humeri(right 112, left 113), ulnae
(right 58, left 59), radii(right 71, left
72), femora(65), tibiae(left 50), fibulae
(left 48); Colombo, Sri Lanka; Recent

- FMNH22066: coracoids(right 300, left 303), humeri(right 246, left 248), ulnae(right 119, left 118), radii(right 145, left 144), femora (right 159, left 162), tibiae(132), fibulae(right 118, left 125), complete skeleton including skull(176), and shell(1080); Sri Lanka; Recent
- Caretta caretta* (LINNAEUS, 1758)
 FMNH31020: coracoids(right 223), humeri (195), ulnae(right 87, left 88), radii (right 99, left 100), femora(right 160, left 158), tibiae(right 101, left 102), fibulae(106), complete skeleton including skull(184) and shell(980); beach on Gulf side, Sanibe Island, Florida; Recent
- FMNH51676: coracoids(right 129, left 130), humeri(right 118, left 119), ulnae(right 56, left 57), radii(right 65, left 64), femora(right 92, left 93), tibiae(right 66, left 65), fibulae (right 59, left 60), complete skeleton including skull(120); Cuba; Recent
- RH229: coracoids(165); humeri(right 139, left 143), ulna(right 68), femora (right 113, left 112), left tibia(76), fibula(73), nearly complete skeleton including skull(150); beach of Sagami Bay, Kanagawa, Japan; Recent
- RH786: coracoids(176), humeri(right 155, left 156), ulnae(75), radii(88), femora (123), tibiae(87), fibulae(83), partial skeleton lacking skull and lower jaw, beach of Japan Sea, Ainosima, Fukuoka, Japan; Recent
- Lepidochelys kempi* (GARMAN, 1880)
 FMNH31334: coracoids(left 117), humeri (right 98, left 97), ulnae(left 48), radii(left 56), femora(left 81), tibiae (left 60), fibulae(57), complete skeleton including skull(105), shell(460); Gulfs of Mexico, Florida; Recent
- Lepidochelys olivacea* (ESCHSCHOLTZ, 1829)
 RH32: coracoids(right 143, left 144), humeri (130), ulnae(64), radii(73), femora (102), tibiae(78), fibulae(76), complete skeleton including skull(123); Java Sea near Jakarta, Java, Indonesia; Recent
- Family Allopleuronidae
Allopleuron hoffmanni (GRAY, 1831)
 IRScNB Reg. 3668: humeri(left 286), right radius(144), ulna and manus, mounted together with skull, lower jaw and shell(1400) derived from different individuals; Kanne, Belgium; Tuffeau de Maestricht (Upper Maastrichtian)
- IRScNB Reg. 3901: scapulae, coracoids (right 290, left 310, humeri(right 250, left 257), radii(right 118, left 119), ulnae(101), manus, pelvic girdle, femora(right 185, left 209), tibiae(right 164, left 167), fibulae(right 162, left 161), pes, articulated with skull(230 as estimated); lower jaw, cervical and caudal vertebrae, shell(1200 as estimated), Kanne, Belgium; Tuffeau de Maestricht
- NHMM9016: right humerus(290), radius (136), ulna(109), manus, articulated with skull(278), lower jaw, shell(1300 as estimated); St. Pietersberg, Maastricht, Holland
- NHMM9017: right scapula, coracoid(290), humerus(297), radii(left 150), ulnae (right 120), manus, pelvic girdle, femora(left 242), tibiae(left 187), fibulae (left 187), pes, associated with skull (258), lower jaw, shell; St. Pietersberg, Maastricht, Holland; Upper Maastrichtian
- NHMM(mounted skeleton): humeri(right 272), radii, ulnae, manus, associated with skull(289), lower jaw, cervical and caudal vertebrae, shell(1360); Canne, Belgium; Upper Maastrichtian

Family Protostegidae

cf. *Rhinochelys pulchriceps* (OWEN, 1842)

BM(NH)35175: isolated right humerus (94); Cambridge, England; Cambridge Greensand(Upper Albian)

BM(NH)35194: proximal portion of isolated right humerus; Cambridge, England; Cambridge Greensand

BM(NH)35199: proximal portion of isolated left humerus; Cambridge, England; Cambridge Greensand

BM(NH)R2252: proximal portion of isolated left humerus(48 as preserved; about 180 as estimated); Cambridge, England; Cambridge Greensand

BM(NH)R2253: proximal portion of isolated two humeri; Cambridge, England; Cambridge Greensand

SM B56400: distal portion of isolated left humerus; Cambridge, England; Cambridge Greensand

Desmatochelys lowi WILLISTON, 1894

KUVP1200: holotype; right coracoid, humerus (260) , left ulna(114) , radius(120) , manus, femur, associated with skull (191) , lower jaw and shell fragments; near Fairbury, Jefferson County, Nebraska; Greenhorn Limestone Fm. (Upper Cenomanian or Lower Turonian; J. D. Stewart, pers. comm.)

FMNH PR385: left coracoid(213) , scapula, humeri(left 173 as reconstructed) , radii (right 122) , ulnae, manus, left femur (150) , tibia(83) , fibula, associated with postorbital, cervical vertebrae and shell; Cretaceous oberburden on top of Dakota Rose Granite Quarry(SW.1/4, Sec.18, T.120N. , R.47 W.) , Grant County, South Dakota; Codell Sandstone Mb. , Carlile Fm. , Upper Turonian(J. D. Stewart, pers. comm.)

cf. *Desmatochelys* sp.

BM(NH)47210: isolated right humerus(43); Folkestone, Kent, England; Gault(Middle or Upper Albian)

BM(NH)R2917: isolated left humerus(48); Folkestone, Kent, England; Gault(Middle or Upper Albian)

TUTg 262: scapulae, coracoids(left 300) , proximal portion of left humerus(240 as estimated) , associated with skull(250 as estimated) , lower jaw, and partial shell; near Nakanosawa, Pankemoyuuparo River, Yuubari, Hokkaido, Japan; Saku Formation, Middle Yezo Group(Middle Turonian)

"Protostega" anglica (LYDEKKER, 1889)

BM(NH)35365: holotype; proximal portion of isolated left humerus(97 as preserved); Cambridge, Cambridgeshire, England; Cambridge Greensand(Upper Albian)

BM(NH)35316: proximal portion of isolated left humerus; Cambridg, Cambridgeshire, England; Cambridge Greensand

BM(NH)R29: isolated right humerus; Folkestone, Kent, England; Gault (Middle to Upper Albian)

BN(NH)R1347: isolated right humerus(47 as preserved); Locality unknown, England; Chalk.

BN(NH)R3018: proximal and distal portion of right humerus, radii and left ulna; Halling, Kent, England; Lower Chalk(Cenomanian)

SM B55988: isolated right humerus(102 as preserved); Cambridge, Cambridgeshire, England; Cambridge Greensand

Chelosphargis advena(HAY,1908)

AMNH1975: isolated Left humerus(64); Kansas; Niobrara Chalk Fm. (Senonian, Upper Cretaceous)

FMNH UR26: isolated left humerus(70); Kansas; Niobrara Chalk Fm.

KUVP(uncatalogued " elevator specimen":

- humeri(right 59); Kansas; Niobrara Chalk Fm.
- "Protostega" copei* (WIELAND, 1909)
 YPM1787: holotype; scapulae, coracoids, humeri(right 157), pelvic girdle, associated with skull(240), lower jaw, and shell(800 as estimated), Hackberry Creek, Gove County, Kansas; Niobrara chalk Fm.(Senonian, Upper Cretaceous)
- Protostega gigas* COPE, 1871
 AMNH1503: holotype: right scapula and coracoid, humeri(276), right ulna (160) and radius(172), associated with skull(350 as estimated), partial shell; near Butte Creek, Wallace Co., Kansas; Smoky Hill Chalk Mbr., Niobrara Chalk Fm.(Upper Santonian to Lower Campanian)
 AMNH180: holotype of *Protostega potens*; left scapula, humerus(402) and femur (335), associated with skull and partial shell; Elkader, Logan Co., Kansas; Niobrara Chalk Fm. (Coniacian or Santonian)
 AMNH1502:right humerus(450 as estimated), associated with skull(540 as estimated); Gove County, Kansas; Niobrara Chalk Fm.
 CM1393: humeri(left 181); Kansas; Niobrara Chalk Fm.
 FMNH P27314: holotype of *Protostega dixie* ZANGERL, 1953; pectoral girdle, right humerus, associated with skull (400 as estimated), partial shell; Harrell Station area, southeast of Marion Junction, Dallas County, Alabama; Mooreville Chalk Fm. (Lower Campanian)
 FMNH P27315: humeri, associated with skull(350 as estimated), lower jaw, partial shell; locality and horizon same as FMNH P27314
- FMNH P27452: right humerus(288), associated partial shell; Eutaw, Greene County, Alabama; Mooreville Chalk Fm.
 FMNH P27482: right humerus(204), associated with fifth cervical vertebra; locality and horizon same as FMNH P27314
 FMNH UR80: right scapula; humerus (187), femur(133); Kansas; Niobrara Chalk Fm.
 YPM1407: left humerus(194), right ulna (110), right ilium, femora(right 152, left 150), associated with thoracic vertebrae and shell fragments; Smoky River, Kansas; Niobrara Chalk Fm.
 YPM40867: humeri(right 210), femora, associated with cranial and shell fragments; South side of Smoky River, Kansas; Niobrara Chalk Fm.
- Archelon ischyros* WIELAND, 1896
 YPM3000: holotype; measurements after Wieland(1896); nearly complete and mounted skeleton, including coracoids (770), humeri(650), ulnae(330), radii(350), femora(435), tibiae(330), fibulae(310), shell(1930); south of Farmingdale, Custer County, South Dakota; Pierre Shale Fm.(Upper Campanian)
 USNM13439: left scapula, right humerus (400+), ulna(285), right ilium, left pubis, right fibula, tibia; near Trinidad, Las Animas County, Colorado; Pierre Shale Fm.
 YPH294; holotype of *Archelon marshi* WIELAND, 1900; humeri; east of southfork of Cheyenne River, east of mouth of Battle Creek, Custer Co., South Dakota; Pierre Shale Fm.
 YPM1783: humeri(left 550), left radius (340), ulnae(303), left ilium, femur (360), tibia(263), fibula(256), associated with skull(600), lower jaw, shell

fragments; 5 miles northeast Geo. B. Hydes Ranch, 3 miles east of Folsom, 2.5 miles west of Spring Creek, Custer County, South Dakota; Pierre Shale Fm.

YPM(uncatalogued specimen<2898>; field no. VII); right humerus(580); 10 miles east of Farmingdale, Custer County, South Dakota; Pierre Shale Fm.

Family Dermochelyidae

Gen. et sp. indet.

SM B55970: isolated left humerus(157); Cambridge, Cambridgeshire, England; Cambridge Greensand(Upper Albian)

Corsochelys haliniches ZANGERL, 1960

FMNH PR249: holotype; scapulae, coracoids, right humerus(224), radius(152), ulna, manus, left ilium, tibiae(137), associated with skull, cervical vertebrae and partial shell(1300 as estimated); 2.5 miles east of West Greene, Greene County, Alabama; Mooreville Chalk Mb., Selma Fm.(Lower Campanian)

unnamed dermochelyid plesion

HMG5: left coracoid(247), scapula, humerus(177), ulna(101), manus, pelvic girdle, femora(right 145), associated with cervical and caudal vertebrae, partial shell(800 as estimated); Shirafunenosawa, Inasato, Hobetsu, Hokkaido, Japan; IVb Bed, Hakobuchi Group(Lower Maastrichtian)

HMG7: pelvic girdle, left femur(135 as preserved), associated with sacral and caudal vertebrae, shell fragments; Hobetsu River, Mobetsu, Hobetsu, Hokkaido, Japan; IVb Bed, Hakobuchi Group

HMG8: left ilium and femur(110), associated with shell fragments;

Pankerusanosawa, Tomiuchi, Hobetsu, Hokkaido, Japan; IVb Bed, Hakobuchi Group

Eosphargis gigas (OWEN, 1861)

BM(NH)39446: proximal portion of right humerus; Sheppey, Kent, England; London Clay D-E(Lower Eocene)

BM(NH)44090: distal portion of left humerus; Sheppey, Kent, England; London Clay D-E

BM(NH)R2717: proximal portion of right humerus(about 400 as estimated); Sheppey, Kent, England; London Clay D-E

Psephophorus rupeliensis (VAN BENEDEN, 1883)

IRScNB Reg. 1654: left humerus(350 as preserved), associated with shell fragments; Niel, Belgium; Rupel Fm. (Rupelian, Middle Oligocene)

Psephophorus scaldii (VAN BENEDEN, 1871)

IRScNB Ht. R. 15(Reg. 201):holotype; left humerus(510);Env. Anvers, Belgium; Berchem Fm.(Anversian, Upper Miocene)

Dermochelys coriacea (LINNAEUS, 1766)

FMNH171756: coracoids(right 380, left 370), humeri(380), ulnae(141), radii(right 150), femora(right 223, left 212), tibiae(150), fibulae(140), complete skeleton including skull(258), shell(1540), no data; Recent

RH31: coracoids(250), humeri(right 188, left 187), ulnae(right 80, left 76), radii(87), femora(right 115 as estimated), tibia(right 104), tibulae(right 107), skeleton including skull(165 as estimated); beach of Japan Sea, Echizen, Fukui, Japan; Recent

Chelonioidea, incertae sedis
(family uncertain)

Gen. et sp. indet.

BM(NH)35203: proximal portion of left
humerus(39 as preserved); Cambridge,
Cambridgeshire, England; Cambridge
Greensand(Upper Albian)

BM(NH)R4510 and R2252(part): proximal
portion of isolated humeri;
Cambridge, Cambridgeshire, England;
Cambridge Greensand

SM B55975: isolated right humerus(88);
Cambridge, Cambridgeshire, England;
Cambridge Greensand

SM B55987: isolated left humerus(67);
Cambridge, Cambridgeshire, England;
Cambridge Greensand