

APPENDIX 6.

Species and the related references compared in this study (available online)..

Reference	Species or genera sensu Fritz and Havaš (2007) and invalid species or genera name used by the authors
Adams (1919)	<i>Chelydra serpentina</i> and summary
Aerts et al. (2001)	<i>Chelodina longicollis</i>
Albers (1808)	<i>Chelonia mydas</i> ("Testudo Mydas")
Alessandrini (1834a)	<i>Caretta caretta</i> ("Chelonia caouana"), <i>Dermochelys coriacea</i> ("test. coriaceae")
Alessandrini (1834b)	<i>Caretta caretta</i> ("Chelonia caouana")
Arenciba et al. (2006)	<i>Caretta caretta</i>
Ashley (1962)	<i>Chelydra serpentina</i> (?), <i>Chrysemys picta</i> (drawn and possibly described)
Barghusen (1973)	<i>Chelonia mydas</i>
Bojanus (1819-1821)	<i>Emys orbicularis</i> ("Testudo europaea")
Bramble (1974)	<i>Gopherus agassizii</i> , <i>flavomarginatus</i> , <i>polyphemus</i>
Brudenall et al. (2008)	<i>Dermochelys coriacea</i>
Burkard (1902)	<i>Testudo graeca</i>
Burne (1905)	<i>Dermochelys coriacea</i>
Callister et al. (1992, 2005)	<i>Trachemys scripta elegans</i> ("Pseudemys")
Callister and Peterson (1992)	<i>Trachemys scripta elegans</i> ("Pseudemys")
Chaine (1900)	<i>Astrochelys</i> ("Testudo") <i>radiata</i>
Cuvier (1835)	<i>Caretta caretta</i> ("caret" / "caouanne"), <i>Chelus fimbriatus</i> ("matamata"), <i>Pyxis</i> , <i>Terrapene</i> , <i>Trionyx</i> (?), <i>Lyssemis punctata</i> ("Testudo scabra"), <i>Malaclemys terrapin</i> („ <i>Emys centrata</i> ")
Dalrymple (1975)	<i>Amyda cartilaginea</i> ("Trionyx cartilagineus"), <i>Apalone ferox</i> ("Trionyx"), <i>Apalone mutica</i> ("Trionyx muticus"), <i>Apalone spinifera</i> ("Trionyx spiniferus")
Dalrymple (1977)	<i>Apalone ferox</i> (and other "Trionyx")
Diogo and Abdala (2010)	<i>Trachemys scripta</i>
Edgeworth (1907)	<i>Chelonia mydas</i> ("Chelone", after Parker 1880)
Edgeworth (1911)	<i>Chrysemys picta marginata</i> (<i>Chrysemys</i> "marginata")
Edgeworth (1935)	<i>Emys orbicularis</i> "lutaria" (partly after Filatoff 1907), <i>Chelonia mydas</i> ("Chelone viridis"), <i>Chelydra serpentina</i> (partly after Johnson 1913), <i>Chrysemys picta marginata</i> (<i>Chrysemys</i> "marginata"), <i>Emys orbicularis</i> ("Testudo europaeus", after Bojanus 1819-1821), <i>Eretmochelys imbricata</i> ("Chelone"), <i>Chelonoidis denticulata</i> ("Testudo tabulata"), <i>Chelonoidis nigra</i> ("Testudo elephantopus"), <i>Dermochelys coriacea</i> ("Sphargis"), <i>Podocnemis</i> , <i>Cycloderma frenatum</i> (after Fürbringer 1922), <i>Pelodiscus sinensis</i> ("Trionyx japonicus": after Ogushi 1913b)
Eger (2006, 2007)	<i>Emydura subglobosa</i> , <i>Testudo hermanni</i> , <i>Trachemys spec.</i>
Filatoff (1907)	<i>Emys orbicularis</i> ("lutaria")
Fuchs (1915)	<i>Eretmochelys imbricata</i> ("Chelone"), <i>Chelonia mydas</i> ("Chelone midas"), <i>Emys orbicularis</i> ("lutaria")
Fuchs (1931)	<i>Podocnemis expansa</i>
Fuchs (1933)	<i>Eretmochelys imbricata</i> ("Chelone"), <i>Emys orbicularis</i> ("europaea"), <i>Podocnemis expansa</i>
Fürbringer (1874)	<i>Chelonoidis denticulata</i> ("Testudo tessellata"), <i>Clemmys guttata</i> ("Emys punctata"), <i>Dermochelys coriacea</i> ("Sphargis" juvenil), <i>Emys orbicularis</i> ("europaea", partly after Bojanus), <i>Testudo graeca</i> , <i>Trachemys scripta</i> ("Emys serrata"), <i>Pelodiscus sinensis</i> ("Trionyx japonicus")
Gaunt and Gans (1969)	<i>Chelydra serpentina</i>
Gasc (1981)	<i>Chelonia mydas</i> , <i>Dermochelys coriacea</i> , <i>Emys orbicularis</i> , <i>Geochelone radiata</i> , <i>Mauremys leprosa</i> , <i>Testudo graeca</i> , <i>Trionyx triunguis</i>
George and Shah (1955a)	<i>Lissemys punctata</i>
George and Shah (1955b)	<i>Geochelone</i> ("Testudo") <i>elegans</i>
George and Shah (1955c)	<i>Aspideretes</i> ("Trionyx") <i>gangeticus</i> , <i>Geochelone</i> ("Testudo") <i>elegans</i> <i>Lissemys punctata</i> , <i>Melanochelys</i> ("Geomyda") <i>trijuga</i>
Gnanamuthu (1937)	<i>Chelonia mydas</i> , <i>Emyda vittata</i>
Gräper (1932, 1933)	<i>Apalone ferox</i> ("Trionyx"), <i>Chelodina longicollis</i> , <i>Chelonia mydas</i> , <i>Chelydra serpentina</i> , <i>Clemmys caspica</i> , <i>Testudo tabulata</i>
Gregory and Adams (1915)	"Chelone", <i>Chelydra serpentina</i>

Hacker (1954)	<i>Testudo graeca</i>
Hacker and Schumacher (1954)	<i>Testudo graeca</i>
Herrel et al. (2008)	<i>Apalone ferox</i> , <i>Apalone spinifera</i> ("spiniferus"), <i>Chelodina longicollis</i> , <i>Chelodina reimanni</i> ("reimani")
Hoffmann (1890)	partly after Bojanus, Fürbringer: <i>Chelonoidis denticulata</i> ("Testudo tabulata"), <i>Chersina angulata</i> , <i>Testudo graeca</i> , <i>Testudo graeca</i> ("mauritana"), <i>Emys orbicularis</i> ("europaea")
Iordansky (1987, 1996, 2008)	<i>Chelonia mydas</i> , <i>Clemmys</i> ("Mauremys") <i>caspiaca</i> , <i>Emys orbicularis</i> , <i>Graptemys pseudogeographica</i> (juvenil), <i>Malayemys subtrijuga</i> , <i>Pelodiscus</i> ("Trionyx") <i>sinensis</i> , <i>Pelomedusa subrufa</i> , <i>Pseudemys terrapen</i> , <i>Testudo</i> ("Agrionemys") <i>horsfieldii</i>
Johnson (1913)	<i>Chelydra serpentina</i> , <i>Chrysemys picta marginata</i> ("marginata")
Kesteven (1942-45)	<i>Chelodina longicollis</i> , <i>Emydura macquarii</i> („macquariae")
König (1934/35)	<i>Caretta</i> ("Thalassochelys") <i>caretta</i> , <i>Emys orbicularis</i> , <i>Testudo graeca</i>
Kuratani (1987)	<i>Caretta caratta</i>
Lakjer (1926)	<i>Amyda cartilaginea</i> ("Trionyx cartilagineus"), <i>Chelonoidis denticulata</i> ("Testudo tabulata"), <i>Dermochelys</i> („Sphargis") <i>coriacea</i> , <i>Eretmochelys</i> ("Chelone") <i>imbricata</i> , <i>Terrapene</i> ("Cistudo") <i>carolina</i>
Lemmel and Weisgram (1997)	<i>Pelusios castaneus</i>
Lemmel et al. (2000)	<i>Pelusios castaneus</i>
Lemmel et al. (2002, 2010)	<i>Chelus fimbriatus</i>
Leuckard (1876)	<i>Chelonia mydas</i> ("Mydas")
Lubosch (1933)	<i>Apalone ferox</i> ("Trionyx"), <i>Clemmys leprosa</i> , <i>Testudo graeca</i> , <i>Testudo horsfieldii</i>
Lubosch (1938)	review on Hoffmann 1890, Ogushi 1913b, Lakjer 1926, Lubosch 1933
Martin and Moale (1881)	<i>Trachemys decussata</i> ("Pseudemys rugosa")
McDowell (1961, 1963)	<i>Podecnemis expansa</i> (in regard to musculature)
Meckel (1828)	<i>Caretta caretta</i> ("Chelone"), <i>Chelonia mydas</i> ("Chelone"), <i>Chelonoidis denticulata</i> ("Testudo tabulata"), <i>Emys orbicularis</i> , <i>Eretmochelys imbricata</i> ("Chelone"), <i>Testudo graeca</i> ("Testudo"), <i>Trachemys scripta</i> ("Emys serrata"),
Mitchell and Morehouse (1863)	<i>Chelydra serpentina</i>
Natchev and Weisgram (2007)	<i>Cuora flavomarginata</i>
Natchev et al. (2008)	<i>Cuora amboinensis</i>
Natchev et al. (2009)	<i>Cuora amboinensis</i> , <i>Cuora flavomarginata</i>
Natchev et al. (2010)	<i>Cuora galbinifrons</i>
Nishi (1916)	<i>Chelydra serpentina</i>
Nishi (1938a, b)	review on Hoffmann 1890, Ogushi 1913b, Vallois 1920, 1922
Noble & Peterson (1931)	<i>Emys orbicularis</i>
Ogushi (1913b)	<i>Chelonia mydas</i> ("Chelone"), <i>Malayemys</i> ("Damonina") <i>subtrijuga</i> , <i>Testudo graeca</i> ("iberica"), <i>Pelodiscus sinensis</i> ("Trionyx japonicus"), <i>Psammobates geometricus</i> ("Testudo geometrica"), <i>Rhinoclemmys</i> ("Nicatoria") <i>punctularia</i>
Owen (1866)	review : <i>Emys orbicularis</i> ("europaea") (after Bojanus 1819-21, Cuvier 1835)
Poglayen-Neuwall (1953)	<i>Batrachemys nasuta</i> ("Rhinemys"), <i>Caretta caretta</i> , <i>Chelodina longicollis</i> , <i>Chelydra serpentina</i> , <i>Chrysemys picta</i> , <i>Clemmys caspiaca et autata</i> , <i>Cuora amboinensis</i> ("Cyclemys"), <i>Dermochelys coriacea</i> , <i>Graptemys pseudogeographica</i> ("Malaclemys lesueurii"), <i>Kinosternum scorpioides et leucosternum</i> , <i>Malaclemys pileata littoralis</i> , <i>Pelodiscus</i> ("Trionyx", "Amyda"), <i>sinensis</i> , <i>Pelusios niger</i> , <i>Pseudemys scripta troostii</i> , <i>Sternotherus odoratus</i> ("Cinosternum odoratum"), <i>Terrapene triunguis</i> ("cinosternoides")
Poglayen-Neuwall (1953/54)	<i>Dermochelys coriacea</i>
Poglayen-Neuwall (1966)	<i>Chelus fimbriatus</i>
von Bayern, L.F. (1884)	<i>Emys orbicularis</i> (<i>lutaria</i>), <i>Testudo graeca</i> ("Festudo")

Rathke (1848)	<i>Acanthochelys spixii</i> ("Platemys Spixii"), <i>Apalone ferox</i> ("Trionyx ocellatus", also "Trionyx ferox"), <i>Aspideretes</i> ("Trionyx") <i>gangeticus</i> , <i>Chelonia mydas</i> ("Midas", also "virgata"), <i>Chelonoidis denticulata</i> ("Testudo elephantina"), <i>Dogania subplana</i> ("Trionyx subplanus"), <i>Emys orbicularia</i> ("europaea", also "lutaria"), <i>Eretmochelys</i> ("Chelonia") <i>imbricata</i> , <i>Kinosternum scorpioides</i> ("Terrapene tricarinata"), <i>Kinosternon subrubrum</i> ("Terrapene pensylvanica"), <i>Lissemys punctata</i> ("Trionyx granulatus"), <i>Pelomedusa subrufa</i> ("Pentonyx capiensis"), <i>Rhinoclemmys</i> ("Emys") <i>punctularia</i> , <i>Dermochelys</i> ("Sphargis") <i>coriacea</i> , <i>Testudo graeca</i> (also: "mauritanica"), <i>Trionyx triunguis</i> ("aegyptiacus")
Ray (1959)	<i>Astrochelys yniphora</i> ("Geochelone"), <i>Chelonoides carbonaria</i> ("Geochelone"), <i>Chelonoides denticulata</i> ("Geochelone"), <i>Geochelone sulcata</i> , <i>Gopherus agassizii</i> , <i>Gopherus berlandieri</i> , <i>Gopherus polyphemus</i> , <i>Kinixys belliana</i>
Rieppel (1990)	<i>Chelydra serpentina</i>
Rouvière (1906)	<i>Testudo graeca</i>
Ruge (1896)	review on Fürbringer, Bojanus, Owen, Stannius, Hoffmann, Rathke
Rüdingen (1868)	<i>Caretta caretta</i> ("Testudo" / "Chelonia"), <i>Chelonia mydas</i> ("Testudo"), <i>Emys orbicularia</i> ("europaea"), <i>Testudo graeca</i>
Sato et al. (1997)	<i>Mauremys japonica</i> ("Clemmys")
Scanlon (1981)	<i>Chrysemys picta belli</i> (and a review of almost all neck muscle literature)
Schumacher (1953/54)	<i>Chelonia mydas</i> , <i>Caretta caretta</i> , <i>Podocnemis expansa</i> , <i>Podocnemis unifilis</i> , <i>Pelusios sinuatus</i> ("Sternotherus"), <i>Chelonoidis nigra</i> ("Testudo elephantopus")
Schumacher (1954)	<i>Chelonia mydas</i> , <i>Podocnemis expansa</i> , <i>Podocnemis unifilis</i> , <i>Pelusios sinuatus</i> ("Sternotherus"), <i>Chelonoidis nigra</i> ("Testudo elephantopus")
Schumacher (1954/55a, b)	<i>Platysternon megacephalon</i> , <i>Emys orbicularis</i> , <i>Testudo graeca</i> , <i>Pelomedusa subrufa</i> , <i>Mauremys rivulata</i> ("Clemmys caspica rivulata"), <i>Graptemys geographica</i> , <i>Hardella thurjii</i> , <i>Macrochelys temminckii</i> ("Makrochelys"), <i>Emydura krefftii</i> , <i>Hydromedusa tectifera</i> , <i>Chelodina longicollis</i> , <i>Lissemys</i> ("Trionyx") <i>punctatus</i> , <i>Pelodiscus</i> ("Amyda") <i>sinensis</i> , <i>Dogania subplana</i>
Schumacher (1956a-c)	summaries on jaw muscles in turtles
Schumacher (1972)	<i>Dermochelys coriacea</i>
Schumacher (1973, 1980, 1985)	review on cranial musculature in turtles (n. trigeminus, V, to n. hypoglossus, XII, innervated muscles)
Sewertzoff (1929)	<i>Emys orbicularis</i> ("europaea", "lutaria"), <i>Testudo graeca</i> ("græca": following von Bayern 1884)
Shah (1963)	<i>Chelodina longicollis</i> , <i>Deirochelys reticularia</i> – compared to <i>Lissemys</i> , <i>Testudo</i> , "Trionyx" "Geoemyda"
Shiino (1913)	<i>Amyda cartilaginea</i> ("Trionyx cartilagineus"), <i>Clemmys guttata</i> ("Nanemys"), <i>Trachemys decussata</i> ("Clemmys")
Singer (2009)	<i>Emys orbicularis</i> , <i>Sternotherus odoratus</i>
Sondhi (1958)	<i>Aspideretes</i> ("Amyda") <i>leithii</i>
Spindel et al. (1987)	<i>Macrochelys temminckii</i> ("temminckii")
Stannius (1854)	<i>Chrysemys picta</i> ("Emys"), <i>Chelonoidis denticulata</i> ("Testudo tabulata"), <i>Chelonoidis nigra</i> ("Testudo"), <i>Chelydra serpentina</i> , <i>Sternotherus</i> ("Staurotypos") <i>odoratus</i>
Thomson (1932)	<i>Testudo graeca</i> (also "ibera")
Tiedemann (1819)	<i>Chelonia</i> ("Te?tudo") <i>mydas</i>
Tvarožková (2006)	<i>Chelydra serpentina</i> , <i>Podocnemis expansa</i> , <i>Terrapene carolina triunguis</i>
Underwood (1970)	<i>Chelonia mydas</i> , <i>Carettochelys insculpta</i> , <i>Caretta caretta</i>
Van Damme et al. (1995)	<i>Chelodina longicollis</i>
Van Damme and Aerts (1997)	<i>Chelodina longicollis</i> , <i>Trachemys scripta</i>
Vallois (1920, 1922)	<i>Pelomedusa subrufa</i> ("galeata"), <i>Pelusios spec.</i> (Pleurodires: "Sternotherus sp."), <i>Testudo marginata</i> , <i>Trionyx triunguis</i>
Walter (1887)	<i>Emys orbicularis</i> ("europaea")
Wiedemann (1803)	<i>Chelonoides</i> ("Testudo") <i>denticulata</i>
Winokur (1982)	<i>Apalone ferox</i> ("Trionyx"), <i>Apalone spinifera</i> ("Trionyx spiniferous"), <i>Carettochelys insculpta</i> , <i>Chelodina longicollis</i> , <i>Dogania subplana</i> , <i>Elseya latisternum</i> , <i>Lissemys punctata</i> , <i>Podocnemis unifilis</i>
Wochesländer et al. (1999)	<i>Testudo hermanni</i>
Wynneken (2001, 2003)	<i>Caretta caretta</i> , <i>Chelonia mydas</i> , <i>Eretmochelys imbricata</i> , <i>Lepidochelys kempii et olivacea</i> , <i>Natator depressus</i>