



# **Checklist of Chelonians of the World**

**compiled by**

UWE FRITZ and PETER HAVAŠ

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UWE FRITZ<sup>1</sup> & PETER HAVAŠ<sup>2</sup>

<sup>1</sup> Museum of Zoology (Museum für Tierkunde), Natural History State Collections Dresden,  
A. B. Meyer Building, D-01109 Dresden, Germany  
uwe.fritz@snsd.smwk.sachsen.de

<sup>2</sup> Titogradská 18, SK-040 23 Košice, Slovakia  
peter.havas@seznam.cz

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## Introduction

Recent years have seen a rapid increase in the understanding of the world's biodiversity, and this is also true for chelonians. Especially the advent of molecular genetic methods for investigation of phylogeny and intraspecific variation contributed significantly to this process, but also resulted in many changes with regard to taxa being considered as valid. Besides, there exists a considerable problem with taxonomic literature in chelonians, fogging the aforementioned progress. Frequently, taxonomically relevant works are published in ephemeral, not peer-reviewed and often privately printed journals or books, causing much confusion (see for instance Wells & Wellington 1985 and Iverson et al. 2001 or Frazier 2006 and Bour 2007). The worst case represent online-publications in a journal fake named *Australian Biodiversity Record* (Wells 2002a, b, 2007a, b, c). These online-publications do not constitute published works according to Articles 8.6 and 9.7 of the International Code of Zoological Nomenclature (ICZN 1999), which is why none of the names or nomenclatural acts published therein exists under the rules of the Code<sup>1</sup>. Another, general, problem is that some authors deem nomenclature as an end in itself and not as what it is: a key tool for making the world's biodiversity accessible.

Many chelonian species are among of the most-threatened animal species of the world and among the foremost flagship species of nature conservation. This situation demands for CITES purposes summarizing the current state of the arts. The present checklist aims to fulfil this task. It is the improved print-version of a checklist compiled on the request of the CITES Nomenclatural Committee and the German Agency for Nature Conservation that was published online in early 2007 ([www.cites.org/common/com/NC/tax\\_ref/Chelonians\\_Checklist\\_2006.pdf](http://www.cites.org/common/com/NC/tax_ref/Chelonians_Checklist_2006.pdf)).

Our checklist is based on the International Code of Zoological Nomenclature (ICZN 1999) and provides a complete synonymy of generic and species-group names of recent chelonian species as published until December 31st, 2006, including taxa exterminated in historic times. Names based on fossil or subfossil remains being possibly identical with extant taxa were considered. In addition to synonyma, we also tried to compile all distinct combinations of generic and species-group names, with exception of allocations to distinct subgenera. In contrast to new species-group names or new misspellings of such, new combinations of names are separated by a hyphen from the respective authors.

References published until September 15th, 2007 were added to the main text body when causing no changes to the nomenclatural status of recognized species of the online-version. A summary of nomenclatural changes that occurred from January 1st to September 15th, 2007 is presented in the appendix.

In the checklist, the sequence of nominal taxa (suborder, family, genus, species, subspecies) is alphabetical, except that polytypic species start with the nominotypical subspecies. Synonyma and the reference for the first usage of a new combination are given under the name considered to be valid. We also included the first usage of any misspellings of scientific names known to us, without being entitled to be complete here. If a genus-group name was misspelled, it is indicated by adding the epithet "ex errore". If this misspelled genus-group name was used in combination with a (correctly spelled) species-group name, it also appears under the respective species-group name, but without "ex errore". If this epithet occurs under a species-group name, it indicates the first occurrence of a misspelled species-group name. If this misspelled name was later combined with another genus- or species-group name, the misspelled name is not further indicated as being in error, as the later author may have referred to the previous misspelling.

Type species of genus-group names are given in the combination as used or intended to be used in the original description of the respective genus-group name; the original generic combination of type species is to be found in the respective account of the species-group name. Uncertain taxonomic allocations are indicated by a question mark preceding the taxon name. Fossil or evidently extinct taxa are indicated by a dagger (†) preceding the scientific name.

Distributional data were taken generally from Ernst et al. (2000) and for Chinese taxa from Zhao & Adler (1993), if not otherwise indicated.

Some taxa that were recently shown to be based on interspecific hybrids do not appear in the checklist as these names cannot be allocated into the synonymy of either parental species (Table 1).

Dresden and Košice, September 2007

Uwe Fritz and Peter Havaš

<sup>1</sup> This refers also to one name that was quoted from Wells (2002a) and listed as valid subspecies in the online-version of our checklist. This name was deleted from the present print-version.

**Table 1.** Chelonian names based on species hybrids. According to Iverson & McCord (1994), the name-bearing type of *Clemmys guangxiensis* Qin, 1992 is a specimen of *Mauremys iversoni* Pritchard & McCord, 1991, so that this name is thought to be also based on a hybrid specimen between *Cuora trifasciata* (Bell, 1825) and *Mauremys mutica* (Cantor, 1842).

| Nominal taxon  | Hybrid between  | Reference  |
|--|---|--|
| <i>Cuora galbinifrons serrata</i> Iverson & McCord, 1992 | <i>Cuora galbinifrons galbinifrons</i> Bourret, 1939 × <i>Cuora mouhotii</i> (Gray, 1862)<br><i>Cuora galbinifrons bourreti</i> Obst & Reimann, 1994 × <i>Cuora mouhotii</i> (Gray, 1862) | Parham et al. (2001), Spinks et al. (2004), Stuart & Parham (2004) |
| <i>Mauremys iversoni</i> Pritchard & McCord, 1991        | <i>Cuora trifasciata</i> (Bell, 1825) × <i>Mauremys mutica</i> (Cantor, 1842)   | Parham et al. (2001), Wink et al. (2001), Spinks et al. (2004)     |
| <i>Mauremys pritchardi</i> McCord, 1997                  | <i>Mauremys mutica</i> (Cantor, 1842) × <i>Mauremys reevesii</i> (Gray, 1831)   | Wink et al. (2001), Spinks et al. (2004)                           |
| <i>Ocadia glyphistoma</i> McCord & Iverson, 1994         | <i>Mauremys</i> (formerly <i>Ocadia</i> ) <i>sinensis</i> (Gray, 1831) × <i>Mauremys</i> cf. <i>annamensis</i> (Siebenrock, 1903)   | Spinks et al. (2004), Stuart & Parham (2007)                       |
| <i>Ocadia philippeni</i> McCord & Iverson, 1992          | <i>Mauremys</i> (formerly <i>Ocadia</i> ) <i>sinensis</i> (Gray, 1831) × <i>Cuora trifasciata</i> (Bell, 1825)  | Spinks et al. (2004), Stuart & Parham (2007)                       |
| <i>Sacalia pseudocellata</i> Iverson & McCord, 1992      | <i>Cuora trifasciata</i> (Bell, 1825) × <i>Sacalia quadriocellata</i> (Siebenrock, 1903)  | Stuart & Parham (2007)   |

## Order **Testudines** Batsch, 1788

### Suborder **Cryptodira** Cope, 1868

#### Family **Carettochelyidae** Boulenger, 1887

#### **Carettochelys** Ramsay, 1886

- 1886 *Carettochelys* Ramsay, Proc. Linn. Soc. New South Wales, (2) 1, 1887: 158. – Type species (by monotypy): *Carettochelys insculptus* [sic] = *Carettochelys insculpta* Ramsay, 1886.  
 1886 *Carettochelys* Ramsay (ex errore), Proc. Linn. Soc. New South Wales, (2) 1, 1887: 158.  
 1886 *Carrettochelys* Ramsay (ex errore), Proc. Linn. Soc. New South Wales, (2) 1, 1887: 161.

#### *Carettochelys insculpta* Ramsay, 1886

- 1886 *Carettochelys insculptus* Ramsay, Proc. Linn. Soc. New South Wales, (2) 1, 1887: 158; plates 3–6. – Type locality: Fly River, Papua New Guinea.  
 1889 *Carettochelys insculpta* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
 1889 *Carettochelys insculptus* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 236.  
 1997 *Chelodina insculpta* – Cann (non †*Chelodina insculpta* de Vis, 1897), Monitor (J. Vict. Herpetol. Soc.), 9 (1): 34.  
 2003 *Carettochelys canni* Artner (nomen nudum), Emys, 10 (6): xxxv.

Distribution: Mid-southern New Guinea and northwestern Northern Territory, Australia.



Family **Cheloniidae** Oppel, 1811**Caretta** Rafinesque, 1814

- 1814 *Caretta* Rafinesque, Specchio Sci. Palermo, 2: 66. – Type species (by monotypy): *Caretta nasuta* Rafinesque, 1814 = *Caretta caretta* (Linnaeus, 1758).
- 1835 *Thalassochelys* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 121. – Subsequently designated type species (Fitzinger 1843): *Thalassochelys caouana* (Lacépède, 1788) = *Caretta caretta* (Linnaeus, 1758).
- 1838 *Caouana* Cocteau in Cocteau and Bibron in de la Sagra, Hist. phys. pol. natur. Île Cuba, 4 (Rept.): 35. – Type species (by tautonymy): *Caouana caouana* (Lacépède, 1788) = *Caretta caretta* (Linnaeus, 1758).
- 1843 *Halichelys* Fitzinger, Syst. Rept., 1: 30. – Type species (by original designation): *Thalassochelys* (*Halichelys*) *atra* (Merrem, 1820) = *Caretta caretta* (Linnaeus, 1758).
- 1864 *Thalassiochelis* Nardo (ex errore), Atti R. Ist. Ven. Sci. Lett. Arti, Ser. 3, 9: 1421.
- 1873 *Eremonia* Gray, Proc. Zool. Soc. London, 1873: 408. – Type species (by monotypy): *Eremonia elongata* Gray, 1873 = *Caretta caretta* (Linnaeus, 1758).
- 1887 *Thalassiochelys* Philippi (ex errore), Zool. Garten, 28: 85.
- 1906 *Thalassochelys* Barbour & Cole (ex errore), Bull. Mus. Comp. Zool., 50: 148.
- 1964 *Thalassochelis* Kuhn (ex errore), Testudines, Foss. Cat. (Animal.): 158.

**Caretta caretta** (Linnaeus, 1758)

- 1758 *Testudo caretta* Linnaeus, Syst. Natur., Ed. 10, 1: 197. – Restricted type locality (Smith & Taylor 1950): Bermuda Islands; (Schmidt 1953): Bimini, British Bahamas.
- 1783 *Testudo cephalo* Schneider, Allgem. Naturgesch. Schildkr.: 303. – Designated type locality (Smith & Taylor 1950): Charleston, South Carolina.
- 1788 *Testudo caouana* Lacépède (nomen novum pro *Testudo caretta* Linnaeus, 1758), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 95.
- 1788 *Testudo nasicornis* Lacépède, Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 103. – Restricted type locality (Smith & Smith 1980): Ascension Island.
- 1798 *Testudo caretta nasicornis* – Suckow, Anfangsgr. Naturgesch. Thiere, 3: 32.
- 1805 *Chelone caretta* – Brongniart, Essai Classif. Natur. Rept.: 27.
- 1812 *Chelonia caouanna* Schweigger (ex errore), Königsberg. Arch. Naturwiss. Math., 1: 279.
- 1814 *Caretta nasuta* Rafinesque, Specchio Sci. Palermo, 2: 66. – Type locality: Sicily.
- 1816 *Chelonia cavanna* Oken (ex errore), Lehrbuch Naturgesch., 3: 350.
- 1820 *Caretta atra* Merrem, Tentam. Syst. Amphib.: 18. – Type locality: Ascension Island.
- 1820 *Caretta cephalo* – Merrem, Tentam. Syst. Amphib.: 18.
- 1820 *Caretta nasicornis* – Merrem, Tentam. Syst. Amphib.: 18.
- 1826 *Caretta caouana* – Fitzinger, Neue Classif. Rept.: 44.
- 1828 *Chelonia caretta* – Bory de Saint-Vincent, Résumé erpétol.: 79.
- 1829 *Chelonia cephalo* – Gray, Isis (Oken), 22: 201.
- 1830 *Chelonia caouana* – Wagler, Natürl. Syst. Amphib.: 133.
- 1831 *Testudo corianna* Gray (ex errore), Synops. Rept., 1 (Cataphracta): 53.
- 1833 *Chelonia pelasgorum* Bory de Saint-Vincent, Expéd. Sci. Morée, Zool.: plate 6. – Type locality: beach between Arcadia and mouth of Néda River, Greece.
- 1835 *Chelonia* (*Thalassochelys*) *atra* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 128.
- 1838 *Thalassochelys caretta* – Bonaparte, G. Accad. Sci. Lett. Arti, 69: 64.
- 1843 *Thalassochelys* (*Halichelys*) *atra* – Fitzinger, Syst. Rept., 1: 30.
- 1843 *Thalassochelys* (*Thalassochelys*) *caouana* – Fitzinger, Syst. Rept., 1: 30.
- 1844 *Caouana caretta* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 52.
- 1844 *Caouana elongata* Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 53. – Designated type locality (Smith & Smith 1980): Ascension Island.
- 1858 *Thalassochelys corticata* Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 431; plate 29: figs 1–4. – Type locality: Madeira.

- 1862 *Chelonia corticata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 19.  
 1862 *Thalassochelys elongata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 63.  
 1864 *Thalassiochelis caouana* – Nardo, Atti R. Ist. Ven. Sci. Lett. Arti, Ser. 3, 9: 1421.  
 1873 *Eremonia elongata* – Gray, Proc. Zool. Soc. London, 1873: 408.  
 1904 *Caretta caretta* – Stejneger, Annu. Rep. U.S. Nat. Mus., 1902: 715.  
 1906 *Thalassochelys cephalo* – Barbour & Cole, Bull. Mus. Comp. Zool., 50: 148.  
 1928 *Caretta caretta caretta* – Mertens & Müller, Abh. Senckenb. naturforsch. Ges., 41: 23.  
 1933 *Caretta gigas* Deraniyagala, Ceylon J. Sci. (Spolia zeylan.), (B) 18: 66; figs 4–6; plate 5. – Type locality: Gulf of Mannar, Ceylon.  
 1939 *Caretta caretta gigas* – Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 164.  
 1957 *Halichelys atra* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 389.  
 1962 *Caretta caretta* Tamayo (ex errore), Geografía gen. México, 3: 373.  
 1962 *Chelonia cahuano* Tamayo (ex errore), Geografía gen. México, 3: 373.

**Distribution:** Pacific, Indian, and Atlantic Oceans from Washington, Japan, India, Kenya, the British Isles, and Newfoundland south to Chile, Australia, South Africa, tropical western Africa, and Argentina; Caribbean and Mediterranean Seas.

**Comment:** Traditionally, two subspecies are distinguished, *Caretta caretta caretta* (Linnaeus, 1758), occurring in the Atlantic Ocean and in the Mediterranean, and *C. c. gigas* Deraniyagala, 1933, distributed in the Pacific and Indian Oceans.

## **Chelonia** Brongniart, 1800

- 1800 *Chelonia* Brongniart, Bull. Sci. Soc. Philom. Paris, 2: 89. – Subsequently designated type species (Bell 1828): *Chelonia mydas* (Linnaeus, 1758).  
 1805 *Chelone* Brongniart (nomen novum), Mém. prés. Inst. Paris, 1: 610.  
 1814 *Chelonias* Rafinesque (nomen novum), Specchio Sci. Palermo, 2: 66.  
 1828 *Chelona* Fleming (nomen novum), Hist. Brit. Anim.: 149.  
 1838 *Mydas* Cocteau in Cocteau and Bibron in de la Sagra (non *Mydas* Fabricius, 1794 = Diptera; non *Mydas* Bonaparte, 1831 = Mammalia, Primates), Hist. phys. pol. natur. Île Cuba, 4 (Rept.): 19. – Type species (by tautonymy): *Mydas mydas* (Linnaeus, 1758) = *Chelonia mydas* (Linnaeus, 1758).  
 1843 *Mydasea* Gervais, Dict. Hist. natur., 3: 457. – Type species (by tautonymy): *Mydasea mydas* Linnaeus, 1758 = *Chelonia mydas* (Linnaeus, 1758).  
 1846 *Euchelonia* Tschudi, Fauna peruana: 22. – Type species (by monotypy): *Chelonia (Euchelonia) midas* [sic] = *Chelonia mydas* (Linnaeus, 1758).  
 1848 *Megemys* Gistel (nomen novum pro *Chelonia* Brongniart, 1800), Naturgesch. Thiere: 8.  
 1858 *Euchelys* Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 447. – Type species (by monotypy): *Euchelys macropus* (Walbaum, 1782) = *Chelonia mydas* (Linnaeus, 1758).  
 1899 *Chelonius* Herrera (ex errore), Sinon. vulg. cientif. princip. vertebr. mexic.: 7.  
 1901 *Midas* Herrera (nomen novum; nomen suppressum: Opinion 72, ICZN 1922), Nouv. Nomencl.: 68.

## **Chelonia mydas** (Linnaeus, 1758)

- 1758 *Testudo mydas* Linnaeus, Syst. Natur., Ed. 10, 1: 197. – Restricted type locality (Mertens & Müller 1928): Ascension Island.  
 1782 *Testudo macropus* Walbaum (nomen illegitimum), Chelonogr.: 112. – Type locality: unknown.  
 1783 *Testudo viridis* Schneider, Allgem. Naturgesch. Schildkr.: 299; plate 2. – Designated type locality (Smith & Taylor 1950): Charleston, South Carolina.  
 1787 *Testudo japonica* Thunberg, Kongl. Vetensk. Acad. Handl., Stockholm, 8: 178; plate 7: fig. 1. – Type locality: Japan.  
 1788 *Testudo marina vulgaris* Lacépède (nomen novum pro *Testudo mydas* Linnaeus, 1758), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 54; plate 1.

- 1788 ? *Testudo viridisquamosa* Lacépède (nomen suppressum: Opinion 660, ICZN 1963), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 92. – Restricted type locality (Brongersma 1961): Blanquilla Island, Caribbean Sea.
- 1798 *Testudo mydas macropus* Suckow, Anfangsgr. Naturgesch. Thiere, 3: 31. – Type locality: unknown.
- 1800 *Chelonia mydas* – Brongniart, Bull. Sci. Soc. Philom. Paris, 2: 89.
- 1800 *Testudo chloronotos* Bechstein, Naturgesch. Amphib., 1: 107. – Restricted type locality (Brongersma 1961): Blanquilla Island, Caribbean Sea.
- 1801 *Testudo cepediana* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 50; plate 17: fig. 1. – Type locality: unknown.
- 1801 *Testudo rugosa* Daudin [non *Testudo rugosa* Shaw, 1802 = *Trachemys terrapen* (Lacépède, 1788) or *Trachemys decussata decussata* (Gray, 1831)], Hist. natur. gén. part. Rept., 2, 1802: 37. – Type locality: Maldives.
- 1805 *Chelone mydas* – Brongniart, Essai Classif. Natur. Rept.: 27.
- 1812 *Chelonia japonica* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 290.
- 1812 *Chelonia virgata* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 291. – Restricted type locality (Smith & Taylor 1950): Bermuda Islands.
- 1820 *Caretta cepedii* Merrem (nomen novum pro *Testudo cepediana* Daudin, 1801), Tentam. Syst. Amphib.: 18.
- 1820 *Caretta esculenta* Merrem, Tentam. Syst. Amphib.: 18. – Type locality: Atlantic Ocean.
- 1820 *Caretta thunbergii* Merrem (nomen novum pro *Testudo japonica* Thunberg, 1787), Tentam. Syst. Amphib.: 19.
- 1826 *Caretta mydas* – Fitzinger, Neue Classif. Rept.: 44.
- 1826 *Caretta virgata* – Fitzinger, Neue Classif. Rept.: 44.
- 1829 *Chelonia lachrymata* Cuvier, Règne animal, Ed. 2, 2: 13. – Designated type locality (hoc loco): Ascension Island.
- 1829 *Chelonia maculosa* Cuvier, Règne animal, Ed. 2, 2: 13. – Designated type locality (Smith & Taylor 1950): Ascension Island.
- 1830 *Chelonia midas* Wagler (ex errore), Natürl. Syst. Amphib.: 133.
- 1831 *Chelonia mydas* var. *japonica* – Gray, Synops. Rept., 1 (Cataphracta): 53.
- 1832 *Chelonia esculenta* – Wiegmann & Ruthe, Handb. Zool.: 165.
- 1834 *Chelonia bicarinata* Lesson in Bélanger, Voy. Ind.-Orient., Zool.: 301. – Type locality: Atlantic Ocean.
- 1835 *Chelonia marmorata* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 546; plate 23: figs 1, 1a. – Type locality: Ascension Island.
- 1835 *Chelonia (Chelonia) cepedeana* Fitzinger (ex errore), Ann. Wien. Mus. Naturgesch., 1, 1836: 128.
- 1835 *Chelonia viridis* – Temminck & Schlegel in Siebold, Fauna Japon., Rept.: 18.
- 1838 *Mydas mydas* – Cocteau in Cocteau and Bibron in de la Sagra, Hist. phys. pol. natur. Île Cuba, 4 (Rept.): 22.
- 1843 *Mydasea mydas* – Gervais, Dict. Hist. natur., 3: 457.
- 1846 *Euchelonia mydas* – Tschudi, Fauna peruana: 22.
- 1848 *Megemys mydas* – Gistel, Naturgesch. Thiere: 8.
- 1857 *Chelonia lacrymata* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 1: 379.
- 1858 *Chelonia formosa* Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 456; plate 31: figs 1–4. – Type locality: Fiji Islands.
- 1858 *Chelonia tenuis* Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 459; plate 31: fig. 8. – Type locality: Honden Island, Tahiti, Eimeo and Rosa Island.
- 1858 *Euchelys macropus* – Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 447.
- 1862 *Chelone macropus* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 61.
- 1862 *Chelone maculosa* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 186.
- 1862 *Chelone marmorata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 187.
- 1862 *Chelone virgata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 183.
- 1862 *Chelone viridis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 185.
- 1864 *Chelonia albiventer* Nardo, Atti R. Ist. Ven. Sci. Lett. Arti, Ser. 3, 9: 1420; plate 35. – Type locality: harbour of Malamocco, Adriatic Sea.
- 1865 *Thalassiochelys albiventer* – Günther, Zool. Rec., Rept., 1864: 148.
- 1868 *Chelonia agassizii* Bocourt, Ann. Sci. natur., (5) 10: 122. – Type locality: mouth of Rio Nagualate, Pacific coast of Guatemala.

- 1870 *Mydas viridis* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 119.  
 1871 *Chelone midas* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1871: 214.  
 1887 *Chelonia lata* Philippi, Zool. Garten, 28: 84. – Type locality: Valparaiso.  
 1889 *Chelone mydas* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
 1928 *Chelonia mydas mydas* – Mertens & Müller, Abh. Senckenb. naturforsch. Ges., 41: 23.  
 1931 *Caretta thunbergi* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 70.  
 1952 *Chelonia mydas agassizii* – Carr, Handbook of Turtles: xvii.  
 1953 *Chelonia mydas agassizii* Schmidt (ex errore), Checkl. North Amer. Amphib. Rept., 6th ed.: 106.  
 1962 *Chelonia mydas carrinegra* Caldwell, Los Angeles Co. Mus., Publ. Sci., 61: 4; figs 1–5. – Type locality: Bahia de Los Angeles, Baja California Norte, Mexico.  
 1962 *Chelonia agazisii* Tamayo (ex errore), Geografía gen. México, 3: 373.  
 1962 *Testudo nigrita* Tamayo [nomen nudum; non *Testudo nigrita* Duméril & Bibron, 1835 = *Chelonoidis nigra porteri* (Rothschild, 1903)?], Geografía gen. México, 3: 358.  
 1967 *Chelonia agassizii* – Carr, So Excellent a Fish: 216.  
 1979 *Chelonia mydas* Nutaphand (ex errore), Turtles of Thailand: 70.  
 1979 *Chelonia mydas carinegra* Nutaphand (ex errore), Turtles of Thailand: 200.  
 1980 *Testudo chloronotus* Smith & Smith (ex errore), Synops. Herpetof. Mexico, 6, 1979: 268.  
 1990 *Chelone albiventer* – Márquez, FAO Spec. Cat., 11: 25.  
 1998 *Caretta thumbergii* Sharma (ex errore), Fauna India, Rept., 1: 44.  
 1999 *Chelonia mydas viridis* – Karl & Bowen, Conserv. Biol., 13: 991.

**Distribution:** Atlantic (incl. Mediterranean Sea), Pacific, and Indian Oceans.

**Comment:** Traditionally, two subspecies are distinguished, *Chelonia mydas mydas* (Linnaeus, 1758), occurring in the Atlantic Ocean and in the Mediterranean, and *Ch. m. agassizii* (Bocourt, 1868), distributed in the Pacific and Indian Oceans.

## **Eretmochelys** Fitzinger, 1843

- 1843 *Eretmochelys* Fitzinger, Syst. Rept., 1: 30. – Type species (by original designation): *Chelonia (Eretmochelys) imbricata* (Linnaeus, 1766) = *Eretmochelys imbricata* (Linnaeus, 1766).  
 1846 *Eretmochelis* Tschudi (ex errore), Fauna peruana: 7.  
 1846 *Eritmochelys* Tschudi (ex errore), Fauna peruana: 22.  
 1868 *Herpysmostes* Gistel, Lurche Europas: 145. – Type species (by monotypy): *Herpysmostes imbricata* (Linnaeus, 1766) = *Eretmochelys imbricata* (Linnaeus, 1766).  
 1873 *Onychochelys* Gray, Proc. Zool. Soc. London, 1873: 397. – Type species (by monotypy): *Onychochelys kraussi* Gray, 1873 = *Eretmochelys imbricata* (Linnaeus, 1766).  
 1953 *Eretmochelys* Maldonado Koerdell in Beltrán (ex errore), Vida silvestre y recurs. natural.: 130.  
 2006 *Eretmochelye* Zhou (ex errore), Sichuan J. Zool., 25: 274.

## **Eretmochelys imbricata** (Linnaeus, 1766)

- 1766 *Testudo imbricata* Linnaeus, Syst. Natur., Ed. 12, 1: 350. – Restricted type locality (Schmidt 1953): Belize, British Honduras.  
 1805 *Chelone imbricata* – Brongniart, Essai Classif. Natur. Rept.: 26.  
 1812 *Chelonia imbricata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 291.  
 1820 *Caretta imbricata* – Merrem, Tentam. Syst. Amphib.: 19.  
 1829 *Chelonia radiata* Cuvier, Règne animal, 2nd ed., 2: 14. – Type locality: unknown.  
 1829 *Chelonia griseam* Eschscholtz, Quatember., 1: 13. – Type locality: Caspian Sea (in error).  
 1834 *Chelonia pseudocaretta* Lesson in Bélanger, Voy. Ind.-Orient., Zool.: 302. – Restricted type locality (Smith & Taylor 1950): Bermuda Islands.  
 1834 *Chelonia pseudomydas* Lesson in Bélanger, Voy. Ind.-Orient., Zool.: 299. – Restricted type locality (Smith & Taylor 1950): Bermuda Islands.  
 1835 *Caretta bissa* Rüppell, Neue Wirbelth. Abyss., Amphib.: 4; plate 2. – Type locality: Red Sea.

- 1857 *Eretmochelys imbricata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 259.
- 1857 *Eretmochelys squamata* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 382. – Restricted type locality (Smith & Taylor 1950): Singapore, Straits Settlements.
- 1858 *Caretta rostrata* Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 446; plate 30: figs 8–13. – Type locality: Fiji Islands.
- 1858 *Caretta squamosa* Girard (nomen novum pro *Eretmochelys squamata* Agassiz, 1857), U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 442.
- 1862 *Chelone imbricata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 181.
- 1863 *Caretta squamata* – Swinhoe, Ann. Mag. Natur. Hist., (3) 12: 221.
- 1868 *Herpysmostes imbricata* – Gistel, Lurche Europas: 145.
- 1873 *Onychochelys kraussi* Gray, Proc. Zool. Soc. London, 1873: 398; figs 1–2. – Type locality: French Guiana.
- 1884 *Eretmochelys squammata* Dugès (ex errore), Elementos zoología: 332.
- 1899 *Chelonius imbricatus* – Herrera, Sinon. vulg. cientif. princip. vertebr. mexic.: 7.
- 1907 *Eretmochelys squamosa* – Stejneger, Bull. U.S. Nat. Mus., 58: 511.
- 1927 *Eretmochelys imbricata squamosa* – Mertens, Senckenbergiana, 9: 242.
- 1928 *Eretmochelys imbricata imbricata* – Mertens & Müller, Abh. Senckenb. naturforsch. Ges., 41: 23.
- 1942 *Eretmochelys imbricata squamata* – Carr, Proc. New England Zool. Club, 21: 4.
- 1950 *Eretmochelys imbricata bisssa* – Smith & Taylor, Bull. U.S. Nat. Mus., 199: 16.
- 1953 *Eretmochelys imbricata* – Maldonado Koerdell in Beltrán, Vida silvestre y recurs. natural.: 130.
- 1962 *Eretmochelys fimbricata* Beltran, Ricja, Alcaraz, Ruiz, Miranda & Larios (ex errore), Biología, Segundo curso, 2nd ed.: 97.
- 1967 *Eretmochelys imbricata bibba* Pritchard (ex errore), Bull. Ross Allen Rept. Inst., 1967: 1.
- 1970 *Chelys imbricata* – Grassé, Traité zool., XIV, Reptiles: 68.
- 1990 *Eretmochelys imbriaca* Rudloff (ex errore), Schildkröten: 54.
- 1998 *Caretta beisa* Sharma (ex errore pro *Caretta bisssa* Rüppell, 1835), Fauna India, Rept., 1: 52.
- 1998 *Chelonia pseudomidas* Sharma (ex errore), Fauna India, Rept., 1: 52.
- 2003 *Eretmochelys imbricata* Artnier (ex errore), Emys, 10 (6): v.
- 2006 *Eretmochelys imbricata* Zhou (ex errore), Sichuan J. Zool., 25: 274.

Distribution: Atlantic, Pacific and Indian Oceans.

Comment: Traditionally, two subspecies are distinguished, *Eretmochelys imbricata imbricata* (Linnaeus, 1766), occurring in the Atlantic Ocean, and *E. i. bisssa* (Rüppell, 1835), distributed in the Pacific and Indian Oceans.

### ***Lepidochelys* Fitzinger, 1843**

- 1843 *Lepidochelys* Fitzinger, Syst. Rept., 1: 30. – Type species (by original designation): *Thalassochelys* (*Lepidochelys*) *olivacea* (Eschscholtz, 1829) = *Lepidochelys olivacea* (Eschscholtz, 1829).
- 1873 *Cephalochelys* Gray, Proc. Zool. Soc. London, 1873: 408. – Type species (by monotypy): *Cephalochelys oceanica* Gray, 1873 = *Lepidochelys olivacea* (Eschscholtz, 1829).
- 1880 *Colpochelys* Garman, Bull. Mus. Comp. Zool., 6: 120. – Type species (by monotypy): *Thalassochelys* (*Colpochelys*) *kempii* Garman, 1880 = *Lepidochelys kempii* (Garman, 1880).
- 1962 *Lepidochelis* Tamayo (ex errore), Geografía gen. México, 3: 373.
- 1998 *Calpochelys* Sharma (ex errore), Fauna India, Rept., 1: 56.
- 1998 *Lepidochelys* Sharma (ex errore), Fauna India, Rept., 1: 41.

### ***Lepidochelys kempii* (Garman, 1880)**

- 1788 ? *Testudo viridisquamosa* Lacépède (nomen suppressum: Opinion 660, ICZN 1963), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 92. – Restricted type locality (Brongersma 1961): Blanquilla Island, Caribbean Sea.
- 1798 ? *Testudo mydas minor* Suckow (nomen suppressum: Opinion 660, ICZN 1963), Anfangsgr. Naturgesch. Thiere, 3: 30. – Restricted type locality (Brongersma 1961): Blanquilla Island, Caribbean Sea.

- 1880 *Thalassochelys (Colpochelys) kempii* Garman (nomen conservandum: Opinion 660, ICZN 1963), Bull. Mus. Comp. Zool., 6: 123. – Restricted type locality (Smith & Taylor 1950): Key West, Florida.
- 1880 *Thalassochelys (Colpochelys) kempii* Garman (ex errore), Bull. Mus. Comp. Zool., 6: 123.
- 1890 *Lepidochelys kempii* – Baur, Amer. Natural., 24: 487.
- 1905 *Colpochelys kempii* – Hay, Bull. Amer. Mus. Natur. Hist., 21: 179.
- 1908 *Colpochelys kempii* – Hay, Proc. U.S. Nat. Mus., 34: 183.
- 1908 *Lepidochelys kempii* – Hay, Fossil Turtles North America: 9.
- 1909 *Caretta kempii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 551.
- 1934 *Caretta kempii* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 64.
- 1939 *Lepidochelys olivacea kempii* – Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 122.
- 1955 *Lepidochelys olivacea kempii* – Mertens & Wermuth, Zool. Jb., Syst., 83: 331.
- 1967 *Colpochelys olivacea kempii* Peters in Deckert (ex errore), Urania Tierreich, Reptilia: 384.

Distribution: Northern Atlantic Ocean, very rarely entering Mediterranean Sea (breeding restricted to western shores of Gulf of Mexico).

### *Lepidochelys olivacea* (Eschscholtz, 1829)

- 1798 ? *Testudo mydas minor* Suckow (nomen suppressum: Opinion 660, ICZN 1963), Anfangsgr. Naturgesch. Thiere, 3: 30. – Restricted type locality (Brongersma 1961): Blanquilla Island, Caribbean Sea.
- 1820 *Chelonia multiscutata* Kuhl (nomen oblitum et suppressum: Opinion 660, ICZN 1963), Beitr. Zool., Amphib.: 78. – Type locality: unknown.
- 1829 *Chelonia olivacea* Eschscholtz, Zool. Atlas, 1: 3; plate 3. – Type locality: Manila Bay, Philippine Islands and Sumatra.
- 1831 *Chelonia caretta* var. *olivacea* – Gray, Synops. Rept., 1 (Cataphracta): 54.
- 1835 *Chelonia dussumierii* Duméril & Bibron (nomen novum pro *Chelonia olivacea* Eschscholtz, 1829), Erpétol. gén., Hist. natur. Rept., 2: 557.
- 1835 *Caretta olivacea* – Rüppell, Neue Wirbelth. Abyss., Amphib.: 7.
- 1843 *Thalassochelys (Lepidochelys) olivacea* – Fitzinger, Syst. Rept., 1: 30.
- 1844 *Caouana olivacea* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 53.
- 1844 *Caouana ruppellii* Gray (nomen nudum), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 53.
- 1844 *Chelonia subcarinata* Rüppell in Gray (nomen nudum), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 53.
- 1849 *Caouana dussumierii* Smith (ex errore), Illustr. Zool. South Africa, Reptiles: 2.
- 1857 *Chelonia dussumieri* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 1: 384.
- 1857 *Chelonia polyaspis* Bleeker (nomen nudum), Natuurkundl. Tijdschr. Nederl. Ind., (3) 4: 239.
- 1858 *Lepidochelys dussumieri* – Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 437.
- 1858 *Lepidochelys olivacea* – Girard, U.S. Explor. Exped., Herpetol. 1838–1842, 20 (Herpetol.): 435.
- 1864 *Chelonia dubia* Bleeker in Gray (nomen nudum), Proc. Zool. Soc. London, 1864: 13.
- 1873 *Cephalochelys oceanica* Gray (nomen nudum), Hand-List Spec. Shield Rept. Brit. Mus.: 91.
- 1873 *Cephalochelys oceanica* Gray, Proc. Zool. Soc. London, 1873: 408. – Restricted type locality (Smith & Smith 1980): San José del Cabo, Baja California del Sur, Mexico.
- 1887 *Thalassochelys tarapacona* Philippi, Zool. Garten, 28: 85. – Type locality: Iquique, Chile.
- 1887 *Thalassochelys tarapacana* Philippi [ex errore; non *Caretta caretta tarapacana* sensu Caldwell 1962 = *Caretta caretta* (Linnaeus, 1758)], Ann. Univ. Chile, 104: 731.
- 1889 *Thalassochelys tarapacona* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 185.
- 1892 *Chelonia olivacea* Velasco (ex errore), Geograf. estadist. Republ. Mexicana, 12: 79.
- 1899 *Thalassochelys controversa* Philippi, Ann. Univ. Chile, 104: 731. – Type locality: Quinteros, Chile.
- 1908 *Caretta remivaga* Hay, Proc. U.S. Nat. Mus., 34: 194; plate 10: figs 1–3, plate 11: fig. 5. – Type locality: Ventosa Bay, Gulf of Tehuantepec, Oaxaca, Mexico.
- 1930 *Caretta caretta* var. *olivacea* – Deraniyagala, Ceylon J. Sci. (Spolia zeylan.), (B) 16: 83.
- 1943 *Lepidochelys olivacea olivacea* – Deraniyagala, Ceylon J. Sci. (Spolia zeylan.), (B) 23: 81.
- 1952 *Caretta olivacea olivacea* – Mertens, Abh. Senckenb. naturforsch. Ges., 16.
- 1953 *Lepidochelys olivacea remivaga* – Schmidt, Checkl. North Amer. Amphib. Rept., 6th ed.: 107.

- 1961 *Caouana rueppellii* Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs.: 240.  
 1962 *Lepidochelis olivacea* – Tamayo, Geografia gen. México, 3: 373.  
 1969 *Lepidochelys olivaceas* Kesteven (ex errore), Tecnica Pesquera, 2 (23): 12.  
 1990 *Chelonia multicustata* Márquez (ex errore pro *Chelonia multiscutata* Kuhl, 1820), FAO Spec. Cat., 11: 43.

Distribution: Warmer parts of Indian and Pacific Oceans and of southern Atlantic Ocean.

### **Natator** McCulloch, 1908

- 1908 *Natator* McCulloch, Rec. Austral. Mus., 7: 127. – Type species (by monotypy): *Natator tessellatus* McCulloch, 1908 = *Natator depressus* (Garman, 1880).

#### *Natator depressus* (Garman, 1880)

- 1880 *Chelonia depressa* Garman, Bull. Mus. Comp. Zool., 6: 124. – Restricted type locality (Loveridge 1934): northern Australia.  
 1908 *Natator tessellatus* McCulloch, Rec. Austral. Mus., 7: 127; plates 26–27. – Type locality: Port Darwin, Northern Territory, Australia.  
 1914 *Chelonia depressus* – Barbour, Proc. Biol. Soc. Washington, 27: 205.  
 1988 *Natator depressus* – Limpus, Gyuris & Miller, Trans. Roy. Soc. South Australia, 112: 1.  
 1988 *Natator depressus* – Zangerl, Hendrickson & Hendrickson, Bishop Mus. Bull. Zool., 1: 1.  
 1988 *Natator depressa* – Groombridge, World Checkl. Threat. Amphib. Rept.: 19.

Distribution: Coastal waters of northern and northeastern Australia.

## Family **Chelydridae** Gray, 1831

### **Chelydra** Schweigger, 1812

- 1812 *Chelydra* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 292. – Subsequently designated type species (Fitzinger 1843): *Chelydra serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1815 *Cheliurus* Rafinesque (nomen nudum), Analyse de la Nature: 75.  
 1822 *Chelonura* Fleming [non *Chelonura* Rafinesque, 1815 (nomen nudum) = *Chelonura* Rafinesque, 1832 = †*Cylindraspis* Fitzinger, 1835], Philos. Zool., 2: 268. – Type species (by monotypy): *Chelonura serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1822 *Ophichelone* Jarocki, Zoologia czyli zwierzetopismo ogolne podlug najnowszego systematu ulozone: 21. – Type species (by monotypy): *Ophichelone serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1825 *Rapara* Gray, Ann. Philos. (New Ser.), 10: 210. – Type species (by monotypy): *Rapara serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1827 *Saurochelys* Latreille in Berthold, Latreilles natürl. Fam. Thierr.: 90. – Type species (by monotypy): *Saurochelys serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1832 *Chelidra* Bonaparte (ex errore), Saggio distr. met. anim. vertebr.: 67.  
 1832 *Cheliurus* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Cheliurus serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1835 *Emysaurus* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 348. – Type species (by monotypy): *Emysaurus serpentina* (Linnaeus, 1758) = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1835 *Emysaura* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 350.  
 1844 *Emydosaura* Gray (ex errore), Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 34.

- 1856 *Emydosaurus* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 48.  
 1896 *Chelydra* Huber (ex errore), Anatom. Anz., 12: 424.  
 1905 *Devisia* Ogilby, Proc. Roy. Soc. Queensland, 19: 11. – Type species (by monotypy): *Devisia mythodes* Ogilby, 1907 = *Chelydra serpentina serpentina* (Linnaeus, 1758).  
 1984 *Chyldra* Daniel (ex errore), Ohio J. Sci., 84: 40.  
 1995 *Chelyda* Ballasina (ex errore; non *Chelyda* Rafinesque, 1815 = *Chelus* Duméril, 1806), Salviamo Tarrughe: 70.

### *Chelydra acutirostris* Peters, 1862

- 1862 *Chelydra serpentina* var. *acutirostris* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1862: 627. – Type locality: Guayaquil, Ecuador.  
 1932 *Chelydra acutirostris* – Babcock, Proc. Zool. Soc. London, 1932: 874.  
 1945 *Chelydra angustirostris* Dunn (ex errore), Caldasia, 3: 316.

**Distribution:** Southern Central America and northwestern South America (southern Honduras southward through the Caribbean drainages of Central America to the Pacific lowlands of Colombia and Ecuador).

### *Chelydra rossignoni* (Bocourt, 1868)

- 1868 *Emysaurus rossignonii* Bocourt, Ann. Sci. natur., (5) 10: 121. – Type locality: Pansós, Río Polochic, Guatemala.  
 1870 *Chelydra serpentina* var. *mexicana* Cope in Gray (nomen nudum), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 64.  
 1872 *Chelydra rossignoni* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1872: 23.  
 1885 *Chelydra rossignoni* Günther in Godman & Salvin (ex errore), Biol. Centr. Amer., Rept.: 10.  
 1934 *Chelydra serpentina rossignoni* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 59.  
 1955 *Chelydra serpentina rossignoni* – Mertens & Wermuth, Zool. Jb., Syst., 83: 328.

**Distribution:** Eastern Central America (Atlantic lowland drainages of Mexico from central Veracruz southward across the base of the Yucatán Peninsula and southern Campeche to western Belize, Guatemala, and west-central Honduras).

### *Chelydra serpentina* (Linnaeus, 1758)

**Distribution:** Eastern and southeastern North America (from southern Canada to the Texas coast and southern Georgia).

### *Chelydra serpentina serpentina* (Linnaeus, 1758)

- 1758 *Testudo serpentina* Linnaeus, Syst. Natur., Ed. 10, 1: 199. – Restricted type locality (Schmidt 1953): vicinity of New York City, New York.  
 1802 *Testudo serpentaria* Wiedemann (nomen novum), Arch. Zool. Zootom, 2: 191.  
 1812 *Chelydra lacertina* Schweigger [non *Gypochelys lacertina* sensu Agassiz 1857 = *Macrochelys lacertina* sensu Cope 1872 = *Macrochelys lacertina* sensu Garman 1892 = *Macrochelys temminckii* (Troost, 1835)], Königsberg. Arch. Naturwiss. Math., 1: 293. – Designated type locality (Schmidt 1953): vicinity of New York City, New York.  
 1812 *Chelydra serpentina* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 293.  
 1820 *Emys serpentina* – Merrem, Tentam. Syst. Amphib.: 23.  
 1822 *Chelonura serpentina* – Fleming, Philos. Zool., 2: 268.  
 1822 *Ophichelone serpentina* – Jarocki, Zoologia czyli zwierzetopismo ogolne podlug nainowszego systematu ulozone: 21.



- 1825 *Rapara serpentina* – Gray, Ann. Philos. (New Ser.), 10: 210.  
 1827 *Saurochelys serpentina* – Berthold, Latreilles natürl. Fam. Thierr.: 90.  
 1831 *Testudo serrata* Pennant in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 14.  
 1831 *Testudo longicauda* Shaw in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 36.  
 1832 *Chelidra serpentina* – Bonaparte, Saggio distr. met. anim. vertebr.: 68.  
 1832 *Cheliurus serpentina* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.  
 1835 *Emysaura serpentina* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 350.  
 1835 *Hydraspis (Chelydra) serpentina* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1857 *Chelydra emarginata* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 417. – Restricted type locality (Schmidt 1953): Mobile, Alabama.  
 1857 *Emysaurus serpentinus* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 417.  
 1896 *Chelhydra serpentina* – Huber, Anatom. Anz., 12: 424.  
 1905 *Devisia mythodes* Ogilby, Proc. Roy. Soc. Queensland, 19: 11. – Type locality: Fly River, British New Guinea (in error).  
 1914 *Chelydra serpentina lacertina* – Stejneger, Copeia, 1914 (6): [4].  
 1914 *Chelydra serpentina serpentina* – Stejneger, Copeia, 1914 (6): [4].  
 1984 *Chyldra serpentina* – Daniel, Ohio J. Sci., 84: 40.  
 1995 *Chelyda serpentina* – Ballasina, Salviamo Tartarughe: 70.

**Distribution:** Eastern and southeastern North America except Florida Peninsula (from southern Canada to the Texas coast and southern Georgia).

### *Chelydra serpentina osceola* Stejneger, 1918

- 1916 ? *Chelydra laticarinata* Hay (nomen suppressum: Opinion 1534, ICZN 1989), Ann. Rep. Florida St. Geol. Surv., 8: 72; plate 6: figs 6–7. – Type locality: Vero, St. Lucie Co., Florida (Pleistocene).  
 1916 ? *Chelydra sculpta* Hay (nomen suppressum: Opinion 1534, ICZN 1989) Ann. Rep. Florida St. Geol. Surv., 8: 73; plate 4: fig. 7, plate 6: figs 8–9. – Type locality: Vero, St. Lucie Co., Florida (Pleistocene).  
 1918 *Chelydra osceola* Stejneger (nomen conservandum: Opinion 1534, ICZN 1989), Proc. Biol. Soc. Washington, 31: 89. – Type locality: Clearwater, Pinellas Co., Florida.  
 1934 *Chelydra serpentina osceola* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 59.

**Distribution:** Florida Peninsula, U.S.A.

### **Macrochelys** Gray, 1856

- 1856 *Macrochelys* Gray (non *Macrochelys* Meyer, 1858 = †Testudines; non *Macrochelys* von Beneden, 1871 = †Dermochelyidae), Proc. Zool. Soc. London, 1855: 200. – Type species (by monotypy): *Macrochelys temminckii* (Troost, 1835).  
 1856 *Macroclmys* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 48.  
 1857 *Gypochelys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 248. – Type species (by monotypy): *Gypochelys temminckii* (Troost, 1835) = *Gypochelys lacertina* sensu Agassiz 1857 = *Macrochelys temminckii* (Troost, 1835).  
 1862 *Macroclmmy* Strauch (ex errore), Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 35.

### *Macrochelys temminckii* (Troost, 1835)

- 1789 *Testudo planitia* Gmelin in Linnaeus [nomen suppressum et reiectum: Opinion 660, ICZN 1963; non *Testudo planitia* Meuschen, 1778 = *Pelomedusa subrufa* (Lacépède, 1788)?], Syst. Natur., Ed. 13, 1: 1045. – Type locality: Surinam (in error).  
 1820 *Chersine planitia* – Merrem, Tentam. Syst. Amphib.: 33.

- 1835 *Chelonura temminckii* Troost in Harlan (nomen conservandum: Opinion 660, ICZN 1963), Med. Phys. Res.: 158. – Restricted type locality (Bour 1987a): Wolf River, Shelby Co., Tennessee.
- 1851 *Emysaurus temminckii* – Duméril & Bibron in Duméril & Duméril, Cat. méthod. Coll. Rept.: 16.
- 1856 *Macrochelys temminckii* – Gray, Proc. Zool. Soc. London, 1855: 200.
- 1856 *Macroclemys temminckii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 48.
- 1857 *Chelydra temminckii* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 248.
- 1857 *Gypochelys temminckii* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 248.
- 1862 *Macroclemmys temminckii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 36.
- 1907 *Macrochelys temminckii* Hay (ex errore), Bull. Amer. Mus. Natur. Hist., 23: 848.
- 1967 *Macroclemys temminckii* – Pritchard, Living Turtles of the World: 51.
- 1974 *Macroclemys temminckii* Auffenberg (ex errore), Bull. Florida State Mus., Biol. Sci., 18: 139.
- 1995 *Macrochelys temminckii* Ballasina (ex errore), Salviamo Tartarughe: 70.
- 1999 *Macroclemys temminckii* Wilms in Siebenrock (ex errore), Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [200].

Distribution: Southeastern U.S.A. (south in the Mississippi Valley from Kansas, Iowa, and southern Illinois to the Gulf and on the coastal plain from southeastern Georgia and northern Florida to east Texas).

## Family **Dermatemydidae** Gray, 1870

### **Dermatemys** Gray, 1847

- 1847 *Dermatemys* Gray, Proc. Zool. Soc. London, 1847: 55. – Type species (by monotypy): *Dermatemys mawii* Gray, 1847.
- 1870 *Chloremys* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 50. – Type species (by monotypy): *Chloremys abnormis* (Cope, 1868) = *Dermatemys mawii* Gray, 1847.
- 1901 *Limnochelone* Werner, Zool. Anz., 24: 297. – Type species (by monotypy): *Limnochelone micrura* Werner, 1901 = *Dermatemys mawii* Gray, 1847.
- 1953 *Dermatemis* Maldonado Koerdell in Beltrán (ex errore), Vida silvestre y recurs. natural.: 130.

### *Dermatemys mawii* Gray, 1847

- 1847 *Dermatemys mawii* Gray, Proc. Zool. Soc. London, 1847: 55. – Designated type locality (Smith & Taylor 1950): Alvarado, Veracruz.
- 1851 *Emys berardii* Duméril & Bibron in Duméril & Duméril, Cat. méthod. Coll. Rept.: 11. – Type locality: vicinity of Veracruz.
- 1857 *Emys berardi* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 1: 434.
- 1857 *Ptychemys berardi* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 434.
- 1862 *Clemmys berardii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1864 *Dermatemys berrardi* Gray (ex errore), Proc. Zool. Soc. London, 1864: 126.
- 1864 *Emys berrardi* – Gray, Proc. Zool. Soc. London, 1864: 126.
- 1864 *Emys mawii* – Gray, Proc. Zool. Soc. London, 1864: 126.
- 1865 *Dermatemys marvei* Müller (ex errore), Reisen Verein. Staat., Canada, Mexiko, III, Wirbelth. Mexikos III. Amphibia: 598.
- 1865 *Dermatemys mavei* Cope (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 17: 187.
- 1868 *Dermatemys abnormis* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1868: 120. – Restricted type locality (Smith & Taylor 1950): Belize City.
- 1868 *Dermatemys berardii* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1868: 120.
- 1868 *Emys berardi* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1868: 120.
- 1870 *Chloremys abnormis* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 50.
- 1870 *Dermatemys berardi* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 50.
- 1870 *Dermatemys salvinii* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 50. – Type locality: Guatemala.

- 1888 *Dermatemys mauri* Baur (ex errore), Zool. Anz., 11: 595.  
 1888 *Emys dermatemys* Duméril & Bocourt (ex errore), Miss. Sci. Méxique, 3, Atlas: plate 7.  
 1895 *Dermatemys mavii* Bienz (ex errore), Rev. Suisse Zool., 3: 61.  
 1901 *Dermatemys mawi* Gadow in Harmer & Shipley (ex errore), Cambridge Natural. Hist., Amphib. Rept.: 341.  
 1901 *Limnochelone micrura* Werner, Zool. Anz, 24: 298. – Restricted type locality (Smith & Taylor 1950): Alvarado, Veracruz.  
 1904 *Dermatemys mawy* Herrera (ex errore), Cat. Colec. Rept. Batr. Mus. Nac., 2nd Ed.: 5.  
 1906 *Dermatemys maiori* Boulenger (ex errore), Zool. Rec., Rept., Batr., 1905: 34.  
 1953 *Dermatemis mawii* – Maldonado Koerdell in Beltrán, Vida silvestre y recurs. natural.: 130.  
 1959 *Dermatemys mawei* Neill & Allen (ex errore), Publ. Res. Div. Ross Allen's Rept. Inst., 2: 28.

Distribution: Eastern Central America (from central Veracruz eastward through Tabasco, northern Chiapas, southern Campeche, and southern Quintana Roo, Mexico, to northern Guatemala and Belize; absent from most of the Yucatán Peninsula).

## Family **Dermochelyidae** Fitzinger, 1843

### **Dermochelys** Blainville, 1816

- 1815 *Chelyra* Rafinesque (nomen nudum), Analyse de la Nature: 74.  
 1816 *Dermochelys* Blainville, Bull. Sci. Soc. Philom. Paris, 1816: 111. – Type species (by monotypy): *Dermochelys coriacea* (Vandellius, 1761).  
 1820 *Sphargis* Merrem, Tentam. Syst. Amphib.: 19. – Type species (by monotypy): *Sphargis mercurialis* Merrem, 1820 = *Dermochelys coriacea* (Vandellius, 1761).  
 1822 *Coriudo* Fleming, Philos. Zool., 2: 271. – Type species (by monotypy): *Coriudo coriacea* (Vandellius, 1761) = *Dermochelys coriacea* (Vandellius, 1761).  
 1826 *Siphargis* Risso (ex errore), Hist. natur. princ. prod. Europe merid.: 85.  
 1828 *Scytina* Wagler (nomen novum pro *Sphargis* Merrem, 1820), Isis (Oken), 21: 816.  
 1829 *Dermochelis* Cuvier (nomen novum pro *Dermochelys* Blainville, 1816), Règne animal, Ed. 2, 2: 14.  
 1830 *Dermatochelys* Wagler (ex errore), Natürl. Syst. Amphib.: 133.  
 1832 *Chelyra* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Chelyra coriacea* [sic] = *Dermochelys coriacea* (Vandellius, 1761).  
 1838 *Dermochelydis* Alessandrini (ex errore), Cenni sulla Stor. sulla Testuggine coriacea marina (Bologna): 357.  
 1844 *Scytina* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 51.  
 1846 *Sphragis* Agassiz (ex errore), Nomencl. zool.: 347.  
 1857 *Scytine* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 1: 249.  
 1896 *Dermatochaelis* Oliveira (ex errore), Rept. Amphib. Peníns. Ibérica (Coimbra): 28.  
 1931 *Seytina* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 59.  
 1934 *Dendrochelys* Pierantoni (ex errore), Comp. Zool. Torino: 867.  
 1940 *Seytina* Neave (ex errore pro *Scytina* Wagler, 1828), Nomencl. zool., 4: 186.  
 1956 *Dermatochelis* Romer (ex errore), Osteol. Rept.: 511.  
 1959 *Dermotochelys* Battersby (ex errore), Zool. Rec., Rept., 1956: 115.

### **Dermochelys coriacea** (Vandellius, 1761)

- 1761 *Testudo coriacea* Vandellius, Epistola holothur. testud. coriacea: 1. – Restricted type locality (Bour & Dubois 1984): Laurentum, between Lido di Ostia and Tor Paterno, shore of the Tyrrhenian Sea, Italy.  
 1769 *Testudo coriaceus* Pennant (ex errore), Brit. Zool., 3rd ed.: 7.  
 1771 *Testudo arcuata* Catesby, Natur. Hist. Carolina, 2: 40; plate 40. – Designated type locality (Mertens & Wermuth 1955): coastal regions of Carolina and Florida, U.S.A.

- 1788 *Testudo lyra* Lacépède, Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 111; plate 3. – Type locality: Mediterranean Sea off the Barbary Coast.
- 1794 *Testudo marina* Wilhelm, Unterhalt. Naturgesch., Amphib.: 133. – Type locality: all oceans.
- 1801 *Testudo tuberculata* Pennant in Schoepff, Hist. Testud. Icon. illustr.: 123; plate 29a. – Restricted type locality (Smith & Smith 1980): Palermo, Sicily.
- 1805 *Chelone coriacea* – Brongniart, Essai Classif. Natur. Rept.: 26.
- 1811 *Chelonia coriacea* – Oppel, Ordn., Fam. Gatt. Rept.: 9.
- 1814 *Testudo lutaria* Rafinesque [non *Testudo lutaria* Linnaeus, 1758 = *Emys orbicularis orbicularis* (Linnaeus, 1758)], Specchio Sci. Palermo, 2: 66. – Type locality: Sicily.
- 1816 *Dermochelys coriacea* – Blainville, Prodrom. Syst. Règne Anim.: 119.
- 1820 *Sphargis mercurialis* Merrem (nomen novum pro *Testudo coriacea* Vandellius, 1761; nomen suppressum: Opinion 2105, ICZN 1956), Tentam. Syst. Amphib.: 19.
- 1822 *Coriudo coriacea* – Fleming, Philos. Zool., 2: 271.
- 1828 *Chelonia lyra* – Bory de Saint-Vincent, Résumé erpétol.: 80.
- 1828 *Scytina coriacea* – Wagler, Isis (Oken), 21: 816.
- 1829 *Dermochelis atlantica* LeSueur in Cuvier (nomen nudum), Règne animal, Ed. 2, 2: 14.
- 1829 *Sphargis coriacea* – Gray, Isis (Oken), 22: 201.
- 1829 *Sphargis tuberculata* – Gravenhorst, Delic. Mus. Zool. Vratislav., Rept., 1, Chelon. Batrach.: 9.
- 1830 *Dermatochelys coriacea* – Wagler, Natürl. Syst. Amphib.: 133.
- 1832 *Chelyra coriacea* Rafinesque (ex errore), Atlant. J. Friend Knowl., 1: 64.
- 1833 *Dermatochelys porcata* Wagler (nomen novum pro *Testudo coriacea* Vandellius, 1761), Descr. Icon. Amphib.: plate 1: figs 1–23.
- 1834 *Testudo coriacea marina* – Ranzano, Camilli Ranzani de Testudo coriacea marina (Bologna): 148.
- 1835 *Dermochelys atlantica* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 561.
- 1835 *Dermatochelys atlantica* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 128.
- 1838 *Dermochelydis tuberculata* – Alessandrini, Cenni sulla Stor. sulla Testuggine coriacea marina (Bologna): 357.
- 1884 *Sphargis coriacea* var. *schlegelii* Garman, Bull. U.S. Nat. Mus., 25: 303. – Restricted type locality (Smith & Taylor 1950): Guaymas, Sonora, Mexico.
- 1896 *Dermatochaelis coriacea* – Oliveira, Rept. Amphib. Peníns. Ibérica (Coimbra): 28.
- 1899 *Sphargis angusta* Philippi, An. Univ. Santiago de Chile, 104: 728. – Type locality: Tocopilla, Chile.
- 1907 *Dermochelys schlegelii* – Stejneger, Bull. U.S. Nat. Mus., 58: 485.
- 1916 *Dermatochelys angusta* – Quijada, Bol. Mus. Nac. Chile, 9: 24.
- 1926 *Dermochelys coriacea coriacea* – Gruvel, Pêche Marit. Algérie, 4: 45.
- 1934 *Dendrochelys (Sphargis) coriacea* – Pierantoni, Comp. Zool. Torino: 867.
- 1934 *Dermochelys coriacea schlegeli* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 64.
- 1941 *Chelyra coriacea* – Bourret, Tortues de l'Indochine: 118.
- 1941 *Seytina coriacea* – Bourret, Tortues de l'Indochine: 118.
- 1941 *Sphargis schlegelii* – Bourret, Tortues de l'Indochine: 118.
- 1952 *Dermochelys coriacea schlegelii* – Carr, Handbook of Turtles: xvii.
- 1962 *Dermochelys coriacea schlegelli* Caldwell (ex errore), Los Angeles Co. Mus., Publ. Sci., 61: 24.
- 1964 *Dermochelys schlegeli* – Barker, Famil. Rept. Amphib. America: 98.
- 1985 *Dermochelys coricea* Das (ex errore), Indian Turtles, Field Guide: 36.

**Distribution:** Atlantic (incl. Mediterranean Sea), Pacific, and Indian Oceans from Labrador, Iceland, the British Isles, Norway, Alaska, and Japan south to Argentina, Chile, Australia, and the Cape of Good Hope.

**Comment:** Traditionally, two subspecies are distinguished, *Dermochelys coriacea coriacea* (Vandellius, 1761), occurring in the Atlantic Ocean, and *D. c. schlegelii* (Garman, 1884), distributed in the Pacific and Indian Oceans.

## Family **Emydidae** Rafinesque, 1815

### **Actinemys** Agassiz, 1857

- 1857 *Actinemys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Type species (by monotypy): *Actinemys marmorata* Baird & Girard, 1852.

#### *Actinemys marmorata* (Baird & Girard, 1852)

- 1852 *Emys marmorata* Baird & Girard, Proc. Acad. Natur. Sci. Philadelphia, 1852: 177. – Type locality: Puget Sound, Washington.
- 1854 *Emys nigra* Hallowell [non *Emys nigra* Blyth, 1855 = *Siebenrockiella crassicollis* (Gray, 1831)], Proc. Acad. Natur. Sci. Philadelphia, 1854: 91. – Type locality: Pose Creek, Kern Co., California.
- 1857 *Actinemys marmorata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1862 *Clemmys marmorata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 108.
- 1862 *Clemmys wosnessenskyi* Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 114; plate. – Type locality: Sacramento River, California.
- 1870 *Geoclemmys marmorata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 27.
- 1872 *Geoclemmys wosnessenskyi* – Gray, Append. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 11.
- 1875 *Chelopus marmoratus* – Cope, Bull. U.S. Nat. Mus., 1: 53.
- 1903 *Clemmys hesperia* Hay, Univ. California Publ., Bull. Dept. Geol. Sci., 3: 238. – Type locality: Locality no. 909, Rattlesnake beds, Rattlesnake Creek, Oregon (Pliocene).
- 1919 *Melanemys marmorata* – Shufeldt, Aquatic Life, 1919 (8): 155.
- 1945 *Clemmys marmorata marmorata* – Seeliger, Copeia, 1945: 158.
- 1945 *Clemmys marmorata pallida* Seeliger, Copeia, 1945: 158; fig. 5 (bottom). – Type locality: Lower Coyote Creek, near Alamitos, Orange Co., California.
- 2002 *Actinemys marmorata marmorata* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.
- 2002 *Actinemys marmorata pallida* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.
- 2002 *Emys marmorata marmorata* – Buskirk, Radiata 11 (3): 8.
- 2003 *Emys marmorata pallida* – Artner, Emys, 10 (6): vii.

**Distribution:** Western and southwestern North America (from British Columbia, Canada, along the Californian coast south into Baja California, Mexico).

**Comment:** Using mtDNA sequence data, Spinks & Shaffer (2005) detected within *Actinemys marmorata* (Baird & Girard, 1852) four well-supported and geographically coherent clades that could represent distinct subspecies or species. The type localities of the two previously recognized subspecies *A. m. marmorata* (Baird & Girard, 1852) and *A. m. pallida* (Seeliger, 1945) lie within the range of the northernmost clade however, so that for the three southern clades no names are available.

### **Chrysemys** Gray, 1844

- 1844 *Chrysemys* Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 27. – Subsequently designated type species (Brown 1908): *Emys (Chrysemys) picta* (Schneider, 1783) = *Chrysemys picta picta* (Schneider, 1783).
- 1927 *Chrysemis* Kallert (ex errore), Bl. Aqu.- u. Terr.-Kunde, 38: 372.
- 1964 *Chrysema* Chan & Cohen (ex errore), Arch. Biochem. Biophys., 104: 336.

#### *Chrysemys picta* (Schneider, 1783)

**Distribution:** Southern Canada, from Nova Scotia to British Columbia, and south to Georgia, Alabama, Mississippi, Louisiana, Oklahoma, Colorado, Wyoming, Idaho, and Oregon; it is also found in scattered localities in Texas, New Mexico, Arizona, Utah, and Chihuahua, Mexico; introduced in California, U.S.A.

**Comment:** Based on sequence data of the highly variable mitochondrial control region, Starkey et al. (2003) elevated *Chrysemys picta dorsalis* Agassiz, 1857 to full species level. However, the strictly maternally inherited mitochondrial genome is not suitable for detecting gene flow. Intergradation occurs in *Ch. picta* (Schneider, 1783) wherever ranges of the four subspecies meet (review in Ernst et al. 2006). Therefore, we retain *Ch. p. dorsalis* as subspecies of *Ch. picta* (Schneider, 1783).

### *Chrysemys picta picta* (Schneider, 1783)

- 1783 *Testudo picta* Schneider, Allgem. Naturgesch. Schildkr.: 348. – Designated type locality (Mittleman 1945): Lancaster, Philadelphia.
- 1789 *Testudo cinerea* Bonnaterre, Tabl. encyclop. méthod. trois Règn. Natur., Erpétol.: 25. – Designated type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.
- 1812 *Emys cinerea* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 306.
- 1812 *Emys picta* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 306.
- 1830 *Clemmys picta* – Wagler, Natürl. Syst. Amphib.: 137.
- 1831 *Terrapene picta* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 158.
- 1856 *Chrysemys picta* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 32.
- 1889 *Chrysemys cinerea* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1890 *Clemmys cinerea* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 77.
- 1909 *Chrysemys [cinerea] cinerea* – Siebenrock, Zool. Jb., Suppl. 10: 461.
- 1927 *Chrysemis picta* – Kallert, Bl. Aqu.- u. Terr.-Kunde, 38: 372.
- 1931 *Chrysemys picta picta* – Bishop & Schmidt, Field Mus. Natur. Hist., Zool., 18: 136.
- 1964 *Chrysema picta* – Chan & Cohen, Arch. Biochem. Biophys., 104: 336.
- 2002 *Pseudemys picta* – Arnold in Arnold & Ovenden, Rept. Amph. Europe: 106.

**Distribution:** Eastern North America (from southeastern Canada through New England and the Atlantic coastal states to Georgia and thence west into eastern Alabama, U.S.A.).

### *Chrysemys picta bellii* (Gray, 1831)

- 1831 *Emys bellii* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 12. – Designated type locality (Schmidt 1953): Manhattan, Kansas.
- 1835 *Clemmys (Clemmys) bellii* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1837 *Emys oregoniensis* Harlan, Amer. J. Sci., 31: 382; plate. – Type locality: Oregon or Columbia River.
- 1844 *Chrysemys bellii* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 27.
- 1844 *Emys originensis* Gray (ex errore), Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 23.
- 1854 *Emys oregonensis* LeConte (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.
- 1856 *Emys origonensis* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 33.
- 1857 *Chrysemys nuttalii* Agassiz (nomen novum pro *Emys oregoniensis* Harlan, 1837), Contrib. Natur. Hist. U.S.A., 1: 450c.
- 1857 *Chrysemys oregonensis* – Agassiz, Contrib. Natur. Hist. U.S.A., 2: 392.
- 1862 *Clemmys oregonensis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1863 *Chrysemys nuttalii* Gray (ex errore), Ann. Mag. Natur. Hist., (3) 12: 181.
- 1863 *Chrysemys orbigniensis* Gray (ex errore pro *Emys oregoniensis* Harlan, 1837), Ann. Mag. Natur. Hist., (3) 12: 181.
- 1873 *Chrysemys pulchra* Gray, Ann. Mag. Natur. Hist., (4) 11: 147. – Restricted type locality (Schmidt 1953): Mississippi River.
- 1874 *Emys belli* Günther (ex errore), Zool. Rec., Rept., 1873: 65.
- 1889 *Chrysemys cinerea* var. *bellii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 74.
- 1907 *Chrysemys belli* – Ditmars, Reptile Book: xxiv.
- 1911 *Chrysemys treleasei* Hurter, Trans. Acad. Sci. St. Louis, 20: 235; plate 24. – Type locality: St. Clair and Madison Co., Illinois.
- 1917 *Chrysemys marginata bellii* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 118.

- 1924 *Chrysemys bellii bellii* – Ruthven, Science, 59: 340.  
 1931 *Chrysemys picta bellii* – Bishop & Schmidt, Field Mus. Natur. Hist., Zool., 18: 136.  
 1934 *Chrysemys picta bellii* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 60.  
 1948 *Chrysemys bellii bellii* – Pickwell, Amph. Rept. Pacific St.: vi.  
 1953 *Chrysemys nuttalli* Schmidt (ex errore), Check List North Amer. Amph. Rept., 6th ed.: 100.  
 1964 *Chrysemys picta bollii* Kuhn (ex errore), Testudines, Foss. Cat. (Animal.): 66.  
 1971 *Chrysemys trealesei* Ernst (ex errore), Cat. Amer. Amphib. Rept., 106: 1.  
 1980 *Chrysemys trealeasi* Smith & Smith (ex errore), Synops. Herpetof. Mexico, 6, 1979: 428.

**Distribution:** Western and central North America (from western Ontario across southern Canada to British Columbia, Canada, and south to Missouri, northern Oklahoma, eastern Colorado, Wyoming, Idaho, and northern Oregon, U.S.A.; occurs also in many scattered localities in the southwestern U.S.A. and in one area in Chihuahua, Mexico).

### *Chrysemys picta dorsalis* Agassiz, 1857

- 1857 *Chrysemys dorsalis* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 439. – Restricted type locality (Schmidt 1953): vicinity of New Orleans, Louisiana.  
 1862 *Clemmys picta* var. *dorsalis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1889 *Chrysemys cinerea* var. *dorsalis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 74.  
 1917 *Chrysemys marginata dorsalis* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 118.  
 1924 *Chrysemys bellii dorsalis* – Ruthven, Science, 59: 340.  
 1931 *Chrysemys picta dorsalis* – Bishop & Schmidt, Field Mus. Natur. Hist., Zool., 18: 136.

**Distribution:** South-central U.S.A. (from southern Illinois and Missouri southward along both sides of the Mississippi River to the Gulf coast of Louisiana and eastward through the northern part of Mississippi into Alabama; there is a relict population in southeastern Oklahoma).

### *Chrysemys picta marginata* Agassiz, 1857

- 1857 *Chrysemys marginata* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 262; 2: plate 1: fig. 6, plate 5: figs 1–4, plate 7a: figs 4–6. – Restricted type locality (Schmidt 1953): northern Indiana.  
 1862 *Clemmys marginata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1917 *Chrysemys marginata marginata* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 118.  
 1924 *Chrysemys bellii marginata* – Ruthven, Science, 59: 340.  
 1931 *Chrysemys picta marginata* – Bishop & Schmidt, Field Mus. Natur. Hist., Zool., 18: 136.

**Distribution:** East-central North America (from southern Quebec to Ontario, Canada, and south in the central U.S.A. to Tennessee and northern Alabama).

## **Clemmys** Ritgen, 1828

- 1815 *Chelopus* Rafinesque (nomen nudum), Analyse de la Nature: 75.  
 1828 *Clemmys* Ritgen, Nova Acta Acad. caes. leop.-carol., 14: 270. – Subsequently designated type species (Baur 1892): *Clemmys punctata* (Schoepff, 1792) = *Clemmys guttata* (Schneider, 1792).  
 1832 *Chelopus* Rafinesque [non *Chelopus* Billberg, 1820 (nomen nudum) = Arachnida], Atlant. J. Friend Knowl., 1: 64. – Subsequently designated type species (Stejneger 1907): *Chelopus punctatus* (Schoepff, 1792) = *Clemmys guttata* (Schneider, 1792).  
 1857 *Nanemys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Type species (by monotypy): *Nanemys guttata* (Schneider, 1792) = *Clemmys guttata* (Schneider, 1792).

- 1919 *Melanemys* Shufeldt, Aquatic Life, 1919 (8): 155. – Subsequently designated type species (Dunn 1920): *Melanemys guttatus* (Schneider, 1792) = *Clemmys guttata* (Schneider, 1792).  
 1922 *Chemmys* Vogt (ex errore), Arch. Naturgesch., 80 A, 10: 135.  
 1980 *Chelopsus* Ernst (ex errore), Cat. Amer. Amphib. Rept., 251: 1.

### ***Clemmys guttata* (Schneider, 1792)**

- 1792 *Testudo guttata* Schneider, Schr. Ges. naturforsch. Freunde Berlin, 10: 264. – Designated type locality (Mittleman 1945): vicinity of Philadelphia, Pennsylvania.  
 1792 *Testudo anonyma* Schneider in Schoepff (nomen nudum), Hist. Testud. Icon. illustr.: 25.  
 1792 *Testudo punctata* Schoepff [non *Testudo punctata* Lacépède, 1788 = *Lissemys punctata punctata* (Lacépède, 1788)], Hist. Testud. Icon. illustr.: 25; plate 5. – Type locality: North America.  
 1812 *Emys guttata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 295.  
 1820 *Emys punctata* – Merrem, Tentam. Syst. Amphib.: 24.  
 1830 *Clemmys punctata* – Wagler, Natürl. Syst. Amphib.: 137.  
 1831 *Terrapene punctata* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 159.  
 1832 *Chelopus punctatus* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.  
 1856 *Geoclemys guttata* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 19.  
 1857 *Nanemys guttata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.  
 1862 *Clemmys guttata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 107.  
 1869 *Geoclemmys sebae* Gray, Proc. Zool. Soc. London, 1869: 188. – Designated type locality (Schmidt 1953): vicinity of Philadelphia.  
 1870 *Geoclemmys guttata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 27.  
 1875 *Chelopus guttatus* – Cope, Bull. U.S. Nat. Mus., 1: 53.  
 1919 *Melanemys guttatus* – Shufeldt, Aquatic Life, 1919 (8): 155.

**Distribution:** Eastern North America (from southern Ontario, Quebec, and Maine southward along Atlantic Coastal Plain and Piedmont to central Florida, and westward through Ontario, New York, Pennsylvania, central Ohio, northern Indiana, and Michigan to northeastern Illinois).

### ***Deirochelys* Agassiz, 1857**

- 1857 *Deirochelys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Type species (by monotypy): *Deirochelys reticulata* (Daudin, 1801) = *Deirochelys reticularia reticularia* (Latreille, 1801).  
 1890 *Dirochelys* Baur (ex errore), Amer. Natural., 23, 1889: 1099.  
 1922 *Dierochelys* Löding (ex errore), Mus. Pap., Alabama Mus. Natur. Hist. (Geol. Surv. Alabama): 45.

### ***Deirochelys reticularia* (Latreille, 1801)**

**Distribution:** South-central and southeastern U.S.A.

#### *Deirochelys reticularia reticularia* (Latreille, 1801)

- 1801 *Testudo reticularia* Latreille in Sonnini & Latreille, Hist. natur. Rept., 1: 124. – Restricted type locality (Harper 1940): Charleston, South Carolina.  
 1801 *Testudo reticulata* Daudin (nomen novum), Hist. natur. gén. part. Rept., 2, 1802: 144.  
 1812 *Emys reticulata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 281.  
 1824 *Emys reticularia* – Say, J. Acad. Natur. Sci. Philadelphia, 4: 204.  
 1831 *Terrapene reticulata* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 155.  
 1835 *Clemmys (Clemmys) reticulata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1857 *Deirochelys reticulata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.  
 1862 *Clemmys reticularia* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.



- 1870 *Deirochelys reticularia* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 39.  
 1875 *Chrysemys reticulata* – Cope, Bull. U.S. Nat. Mus., 1: 53.  
 1890 *Dirochelys reticularia* – Baur, Amer. Natural., 23, 1889: 1099.  
 1915 *Chrysemys reticulatus* – Wright & Funkhouser, Proc. Acad. Natur. Sci. Philadelphia, 1915: 117.  
 1922 *Dierochelys reticularia* – Löding, Mus. Pap., Alabama Mus. Natur. Hist. (Geol. Surv. Alabama): 45.  
 1956 *Deirochelys reticularia reticularia* – Schwartz, Fieldiana, Zool., 34: 465.  
 1976 *Dierochelys reticularia reticularia* – Zappalorti, Amateur Zool. Guide Turtl. Crocod.: 162.

**Distribution:** Southeastern U.S.A. (along the Atlantic and Gulf Coastal Plains from southeastern Virginia to the Mississippi River).

*Deirochelys reticularia chrysea* Schwartz, 1956

- 1956 *Deirochelys reticularia chrysea* Schwartz, Fieldiana, Zool., 34: 467; figs 105–106. – Type locality: 5.8 miles east of Monroe Station, Collier Co., Florida.  
 1976 *Dierochelys reticularia chrysea* – Zappalorti, Amateur Zool. Guide Turtl. Crocod.: 162.  
 1985 *Deirochelys reticularia chrysa* Obst (ex errore), Welt der Schildkröten: 222.

**Distribution:** Florida Peninsula, U.S.A.

*Deirochelys reticularia miaria* Schwartz, 1956

- 1956 *Deirochelys reticularia miaria* Schwartz, Fieldiana, Zool., 34: 467; figs 107–108. – Type locality: College Station, Brazos Co., Texas.  
 1976 *Dierochelys reticularia miaria* – Zappalorti, Amateur Zool. Guide Turtl. Crocod.: 162.

**Distribution:** South-central U.S.A. (west of the Mississippi River from southeastern Missouri and central Oklahoma south to the Gulf, isolated record in western Mississippi).

***Emydoidea* Gray, 1870**

- 1870 *Emydoidea* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 19. – Type species (by monotypy): *Emydoidea blandingii* (Holbrook, 1838).  
 1929 *Neoemys* Lindholm (nomen novum pro *Emydoidea* Gray, 1870), Zool. Anz., 81: 282.

***Emydoidea blandingii* (Holbrook, 1838)**

- 1788 ? *Testudo flava* Lacépède (nomen suppressum: Opinion 660, ICZN 1963), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 135; plate 6. – Designated type locality (Wermuth 1956): America.  
 1793 ? *Testudo meleagris* Shaw (nomen suppressum: Opinion 660, ICZN 1963), Natural. Misc, 4: plate 144. – Type locality: America.  
 1838 *Cistuda blandingii* Holbrook (nomen conservandum: Opinion 660, ICZN 1963), North Amer. Herpetol., 1st ed., 3: 35; plate 5. – Type locality: Fox River, Illinois.  
 1854 *Cistudo blandingii* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1854 *Lutremys meleagris* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1857 *Emys meleagris* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.  
 1862 *Emys blandingii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 28.  
 1870 *Emydoidea blandingii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 19.  
 1929 *Neoemys blandingii* – Lindholm, Zool. Anz., 81: 282.  
 1934 *Emys blandingi* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 61.  
 1943 *Emys twentei* Taylor, Univ. Kansas Sci. Bull., 29: 250; plate 20. – Type locality: high terrace sands of Pleistocene age on the north side of the Cimarron River, 13 miles southwest of Meade, Meade Co., Kansas (Pleistocene).

- 1959 *Emydoidea blandingi* – Williams, Breviora, 101: 5.  
 1974 *Testudo meteagris* Auffenberg (ex errore), Bull. Florida State Mus., Biol. Sci., 18: 139.  
 1996 *Emydoidea blandingi* Bonin, Devaux & Dupré (ex errore), Toutes Tortues Monde: 217.

**Distribution:** Northeastern central U.S.A. and adjacent Canada (from southern Ontario south through the Great Lakes Region and west to western Nebraska, Iowa, and northeastern Missouri; scattered records exist in eastern New York, Massachusetts, southern New Hampshire, Maine and Nova Scotia).

## **Emys** Duméril, 1806

- 1805 *Emydes* Brongniart (nomen suppressum et reiectum: Opinion 1800, ICZN 1995), Essai Classif. Natur. Rept.: 27.  
 1806 *Emys* Duméril (nomen conservandum: Opinion 1800, ICZN 1995; non *Emys* Agassiz, 1846 = Coleoptera), Zool. analyt.: 76. – Subsequently designated type species (Fitzinger 1843): “*Emys europaea* Schweigg.” = *Emys orbicularis orbicularis* (Linnaeus, 1758).  
 1814 *Hydrone* Rafinesque, Specchio Sci. Palermo, 2: 66. – Subsequently designated type species (Love-ridge & Williams 1957): *Hydrone orbicularis* (Linnaeus, 1758) = *Emys orbicularis orbicularis* (Linnaeus, 1758).  
 1815 *Emyda* Rafinesque (nomen novum pro *Emys* Duméril, 1806; non *Emyda* Gray, 1831 = *Lissemys* Smith, 1931), Analyse de la Nature: 75.  
 1844 *Lutremys* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 31. – Type species (by monotypy): *Cistudo* (*Lutremys*) *europaea* (Schneider, 1783) = *Emys orbicularis orbicularis* (Linnaeus, 1758).

## **Emys orbicularis** (Linnaeus, 1758)

**Distribution:** From western North Africa over most of southern, central, and eastern Europe to Asia Minor and the Caspian and Aral Seas in the east (Fritz 2003, Fritz et al. 2005a).

## *Emys orbicularis orbicularis* (Linnaeus, 1758)

- 1758 *Testudo orbicularis* Linnaeus (nomen conservandum: Opinion 1800, ICZN 1995), Syst. Natur., Ed. 10, 1: 198. – Restricted type locality (by neotype designation, Fritz 1994): Mecklenburg, Germany.  
 1758 *Testudo lutaria* Linnaeus [non *Testudo lutaria* Rafinesque, 1814 = *Dermochelys coriacea* (Vandellius, 1761)], Syst. Natur., Ed. 10, 1: 198. – Designated type locality (Fritz 1992): Lake District of Mecklenburg and Pomerania, Germany and Poland.  
 1783 *Testudo europaea* Schneider, Allgem. Naturgesch. Schildkr.: 323. – Restricted type locality (Fritz 1992): Frankfurt an der Oder, Germany.  
 1801 *Testudo pulchella* Schoepff [non *Emys pulchella* sensu Schweigger 1812 = *Geoclemys pulchella* sensu Gray 1856 = *Glyptemys pulchella* sensu Gray 1869 = *Glyptemys insculpta* (LeConte, 1830)], Hist. Testud. Icon. illustr.: 113; plate 26. – Designated type locality (Fritz 1992): Lake District of Mecklenburg and Pomerania, Germany and Poland.  
 1805 *Emydes lutaria* – Brongniart, Essai Classif. Natur. Rept.: 27.  
 1812 *Emys europaea* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 36.  
 1812 *Emys lutaria* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 35.  
 1814 *Hydrone orbicularis* – Rafinesque, Specchio Sci. Palermo, 2: 66.  
 1820 *Emys pulchella* – Merrem, Tentam. Syst. Amphib.: 25.  
 1826 *Terrapene europaea* – Bell, Zool. J., 2: 308.  
 1831 *Emys* (*Cistuda*) *europaea* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 7.  
 1831 *Cistuda europaea* – Gray, Synops. Rept., 1 (Cataphracta): 19.  
 1831 *Testudo lutaria* Gray (ex errore), Synops. Rept., 1 (Cataphracta): 19.  
 1835 *Cistudo europaea* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 220.  
 1835 *Clemmys* (*Clemmys*) *lutaria* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.

- 1835 *Emys turfa* Meyer, Neues Jb. Mineral. Geogn., Geol. Petrefaktenk., 1835: 67. – Type locality: Enkheim near Frankfurt am Main, Germany (subfossil, Holocene).
- 1841 *Emys lutaria* var. *borealis* Nilsson, Kongl. Vetenskaps-Acad. Handl., 1839: 208; plate 1. – Type locality: Gräfve [Grevie], region of Brågarp (Scania) and Göta canal, approximately 10 km south of Norrköping (Östergötland), Sweden (subfossil, Holocene).
- 1856 *Lutremys europaea* – Gray, Proc. Zool. Soc. London, 1855: 197.
- 1862 *Cistudo lutaria* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 4 (7): 17.
- 1866 *Cistudo anhaltina* Giebel, Zeitschr. ges. Naturwiss., 1866: 1; plates 1–2. – Type locality: Latdorf near Bernburg an der Saale, Germany (subfossil, Holocene).
- 1876 *Emys orbicularis* – Blandford, Eastern Persia, 2: 308.
- 1890 *Emys lutaria taurica* Mehnert, Morphol. Jb., 16: 537; plate 20. – Restricted type locality (Wermuth & Mertens 1961): some miles upstream of Dnepr mouth, Ukraine.
- 1897 *Emys europaea* var. *concolor* Dürigen, Deutschl. Amphib. Rept.: 15. – Type locality: Mark Brandenburg, Germany and Poland.
- 1897 *Emys europaea* var. *punctata* Dürigen, Deutschl. Amphib. Rept.: 15. – Type locality: Mecklenburg, Germany.
- 1897 *Emys europaea* var. *sparsa* Dürigen, Deutschl. Amphib. Rept.: 14. – Type locality: Hungary.
- 1915 *Emys orbicularis aralensis* Nikolsky, Fauna Rossii sopred. stran: 19. – Type locality: Aral Sea, Kazakhstan.
- 1934 *Emys orbicularis orbicularis* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 61.

**Distribution:** Northern part of the species' range, from central France in the west to the Aral Sea in the east (Fritz 2003).

**Comment:** The nominotypical subspecies comprises populations harbouring two distinct mitochondrial lineages that could represent two distinct subspecies (Fritz 2003).

#### *Emys orbicularis capolongoi* Fritz, 1995

- 1995 *Emys orbicularis (galloitalica) capolongoi* Fritz, Zool. Abh. Mus. Tierk. Dresden, 48: 204; figs 18c, 21c, 24–25, 26a. – Type locality: Olbia, Sardinia.
- 2003 *Emys orbicularis capolongii* Obst (ex errore), Draco, 4 (13): 16.

**Distribution:** Sardinia (Fritz 2003).

#### *Emys orbicularis colchica* Fritz, 1994

- 1994 *Emys orbicularis colchica* Fritz, Zool. Abh. Mus. Tierk. Dresden, 48: 57; figs 11c, 13–15. – Type locality: Batumi (Batum), Georgia.

**Distribution:** Southeastern Balkans, Turkish Black Sea coast, parts of western and, probably, central Anatolia, Colchis Region (Fritz 2003).

#### *Emys orbicularis eiselti* Fritz, Baran, Budak & Amthauer, 1998

- 1998 *Emys orbicularis eiselti* Fritz, Baran, Budak & Amthauer, Mertensiella, 10: 113; fig. 7. – Type locality: 14 km northeast of Fevzipaşa, approximately 450 m a.s.l., Gaziantep Province, southeastern Turkey.

**Distribution:** Only known from the vicinity of the type locality (Fritz 2003).

#### *Emys orbicularis fritzjuergenobsti* Fritz, 1993

- 1993 *Emys orbicularis fritzjuergenobsti* Fritz, Zool. Abh. Mus. Tierk. Dresden, 47: 131; figs 8a, 9, 12b, 13b, 14a, 15a–b. – Type locality: Castellón de la Plana, Spain.

2003 *Emys orbicularis fritzjuergenobstii* Obst (ex errore), Draco, 4 (13): 16.

**Distribution:** Central Spanish Mediterranean coast (Fritz 2003).

### *Emys orbicularis galloitalica* Fritz, 1995

1995 *Emys orbicularis (galloitalica) galloitalica* Fritz, Zool. Abh. Mus. Tierk. Dresden, 48: 217; figs 29–30. – Type locality: 5 km east of Collobrières, Département Var, France.

**Distribution:** West coast of Italian peninsula, southern France, northern part of the Spanish Mediterranean coast (Fritz 2003). Intergrades in southern Italy and northern Spain with other subspecies (Mascort et al. 2000, Fritz 2003, Fritz et al. 2005a).

### *Emys orbicularis hellenica* (Valenciennes, 1832)

1832 *Cistuda hellenica* Valenciennes in Bibron & Bory de Saint-Vincent, Expéd. sci. Morée, III: 61; plate 8: figs 2, 2a in the Atlas volume of 1833. – Type locality: Plain of Nisi at Pamisos River, central Messina, Peloponnese, Greece.

1833 *Emys antiquorum* Valenciennes in Bory de Saint-Vincent et al., Expéd. sci. Morée, Atlas: plate 9: fig. 1. – Type locality: mouth of Eurotas River, Peloponnese and Tinos, Greece.

1835 *Emys (Emys) hofmanni* Fitzinger (nomen novum pro *Cistuda hellenica* Valenciennes, 1832), Ann. Wien. Mus. Naturgesch., 1, 1836: 123.

1875 *Emys orbicularis* var. *hoffmanni* Schreiber [non *Emys hofmanni* Fitzinger, 1835 = *Emys orbicularis hellenica* (Valenciennes, 1832)], Herpetologia europaea, 1st ed.: 537. – Type locality: Dalmatia.

1897 *Emys orbicularis* var. *atra* Werner, Rept. Amphib. Oesterr.-Ung. Occupationsländ.: 15; plate 1: fig. 2. – Type locality: Dalmatia and Cephallinia.

1897 *Emys europaea* var. *maculosa* Dürigen, Deutschl. Amphib. Rept.: 15. – Designated type locality (Fritz 1992): Dalmatia.

1903 *Emys orbicularis* var. *hellenica* – Kovatscheff, Verh. zool.-bot. Ges. Wien, 53: 171.

**Distribution:** From southern Italy (Apulia) along the Adriatic coast of Italy and the Balkans over Albania and the Ionic coast to the Peloponnese and Evvia, Greece. Intergrades in southern Italy and in the southeastern Balkans with other subspecies (Fritz 2003, Fritz et al. 2005a).

### *Emys orbicularis hispanica* Fritz, Keller & Budde, 1996

1996 *Emys orbicularis hispanica* Fritz, Keller & Budde, Salamandra, 32: 129; figs 12–13, 15–18. – Type locality: Doñana (Huelva), Spain.

**Distribution:** With certainty only known from the type locality; however, most pond turtle populations in the Atlantic drainage of the Iberian Peninsula could belong to this subspecies (Fritz 2003).

### *Emys orbicularis iberica* Eichwald, 1831

1831 *Emys europaea* var. *iberica* Eichwald, Zool. spec., Pars post.: 196. – Restricted type locality (Eichwald 1841): swampy valleys of Iberia [Georgia] and tributaries of the Kura River, central Caucasus.

1994 *Emys orbicularis kurae* Fritz, Zool. Abh. Mus. Tierk. Dresden, 48: 57; figs 11f, 20–22. – Type locality: Bank (Bank Promisl) at mouth of Kura River, Azerbaijan.

1995 *Emys orbicularis kuraea* Rogner (ex errore), Schildkröten, 1: 33.

1998 *Emys orbicularis iberica* – Fritz, Mertensiella, 10: 6.

**Distribution:** Central Caucasus (Kura River and tributaries; Fritz 2003).

*Emys orbicularis ingauna* Jesu, Piombo, Salvidio, Lamagni, Ortale & Genta, 2004

2004 *Emys orbicularis ingauna* Jesu, Piombo, Salvidio, Lamagni, Ortale & Genta, Ann. Mus. Civ. Stor. natur. "G. Doria", 96: 133; figs 4–6, 8–9, 12. – Type locality: Peagna (Ceriale Municipality), Savona Province, Liguria, northwestern Italy.

Distribution: Savona Province, Liguria, northwestern Italy (Jesu et al. 2004).

Comment: Could be synonymous with *Emys orbicularis galloitalica* Fritz, 1995.

*Emys orbicularis lanzai* Fritz, 1995

1995 *Emys orbicularis (galloitalica) lanzai* Fritz, Zool. Abh. Mus. Tierk. Dresden, 48: 211; figs 18a, 21d, 26b, 27–28. – Type locality: mouth of Conca River at Fautea (near Santa Lucia di Porto Vecchio), Corsica.

Distribution: Corsica, France (Fritz 2003).

*Emys orbicularis luteofusca* Fritz, 1989

1989 *Emys orbicularis luteofusca* Fritz, Salamandra, 25: 143; figs 2–3. – Type locality: lake district west of Ereğli, Konya Province, Turkey.

Distribution: South-central Anatolia, Turkey (Fritz 2003).

*Emys orbicularis occidentalis* Fritz, 1993

1993 *Emys orbicularis occidentalis* Fritz, Zool. Abh. Mus. Tierk. Dresden, 47: 131; figs 8b, 10, 12c, 13c, 14b, 15c–d. – Type locality: bay of Medhiya near Kenitra, Morocco.

Distribution: Northwestern Africa (Morocco, Algeria, Tunisia north of the Atlas Mts.; Fritz 2003).

*Emys orbicularis persica* Eichwald, 1831

1831 *Emys europaea* var. *persica* Eichwald, Zool. spec., Pars post.: 196. – Type locality: Mazanderan Province, Iran.

1994 *Emys orbicularis orientalis* Fritz, Zool. Abh. Mus. Tierk. Dresden, 48: 57; figs 11e, 17–19. – Type locality: Bandar-e-Anzali (Enzeli), Gilan Province, Iran.

1998 *Emys orbicularis persica* – Fritz, Mertensiella, 10: 6.

2003 *Emys orbicularis versica* Artner (ex errore), Emys, 10 (6): viii.

Distribution: South coast of Caspian Sea (northern Iran, Turkmenistan), Uzboi Region of Turkmenistan (Fritz 2003).

*Emys trinacris* Fritz, Fattizzo, Guicking, Tripepi, Pennisi, Lenk, Joger & Wink, 2005

2005 *Emys trinacris* Fritz, Fattizzo, Guicking, Tripepi, Pennisi, Lenk, Joger & Wink, Zool. Scr., 34: 364; figs 7 (top), 9. – Type locality: Lago Gian Fenaro, below the pass of Pizzo Laminaria, approximately 1400 m above sea level, Monte Nebrodi, Sicily.

Distribution: Sicily, perhaps adjacent Calabria, southern Italy (Fritz et al. 2005a).

***Glyptemys* Agassiz, 1857**

- 1857 *Calemys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Type species (by monotypy): *Calemys muehlenbergii* [sic] = *Glyptemys muhlenbergii* (Schoepff, 1801).  
 1857 *Glyptemys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Type species (by monotypy): *Glyptemys insculpta* (LeConte, 1830).  
 1861 *Kalemys* Ennis (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 13: 124.

***Glyptemys insculpta* (LeConte, 1830)**

- 1830 *Testudo insculpta* LeConte, Ann. Lyc. Natur. Hist., 3, 1829: 112. – Designated type locality (Schmidt 1953): vicinity of New York.  
 1831 *Emys speciosa* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 10. – Type locality: North America.  
 1831 *Emys inscripta* Gray (ex errore), Synops. Rept., 1 (Cataphracta): 26.  
 1831 *Emys speciosa* var. *levigata* Gray, Synops. Rept., 1 (Cataphracta): 26. – Type locality: unknown.  
 1835 *Clemmys (Clemmys) insculpta* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1835 *Emys insculpta* – Harlan, Med. Phys. Research: 152.  
 1857 *Glyptemys insculpta* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.  
 1875 *Chelopus insculptus* – Cope, Bull. U.S. Nat. Mus., 1: 53.  
 2002 *Calemys insculpta* – Feldman & Parham, Mol. Phylogenet. Evol., 22: 388.

**Distribution:** Eastern North America (Nova Scotia south to northern Virginia and west through southern Ontario and New York to Michigan, Wisconsin, eastern Minnesota, and northeastern Iowa).

***Glyptemys muhlenbergii* (Schoepff, 1801)**

- 1801 *Testudo muhlenbergii* Schoepff, Hist. Testud. Icon. illustr.: 132; plate 31. – Restricted type locality (Stejneger & Barbour 1917): Lancaster, Pennsylvania.  
 1812 *Emys muhlenbergii* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 310.  
 1820 *Chersine muhlenbergii* – Merrem, Tentam. Syst. Amphib.: 30.  
 1824 *Emys biguttata* Say, J. Acad. Natur. Sci. Philadelphia, 4: 212. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1831 *Terrapene muhlenbergii* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 160.  
 1831 *Emys bipunctata* Gray in Griffith & Pidgeon (ex errore pro *Emys biguttata* Say, 1824), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 10.  
 1831 *Emys (Cistuda) carolinae* var. *fusca* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 7. – Type locality: unknown.  
 1831 *Emys fusca* – Gray, Synops. Rept., 1 (Cataphracta): 25.  
 1835 *Clemmys (Clemmys) muhlenbergii* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1856 *Geoclemys muhlenbergii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 19.  
 1857 *Calemys muehlenbergii* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 1: 252.  
 1857 *Emys muehlenbergii* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.  
 1861 *Kalemys muhlenbergii* – Ennis, Proc. Acad. Natur. Sci. Philadelphia, 13: 124.  
 1869 *Geoclemmys muhlenbergii* – Gray, Proc. Zool. Soc. London, 1869: 188.  
 1870 *Geoclemmys muhlenburgii* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 27.  
 1870 *Calemys muhlenburgii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 27.  
 1875 *Chelopus muhlenbergii* – Cope, Bull. U.S. Nat. Mus., 1: 53.  
 1889 *Calemys muhlenbergii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 108.  
 1906 *Clemmys muhlenbergii* Fowler (ex errore), Amer. Natural., 40: 596.  
 1917 *Clemmys nuchalis* Dunn, Bull. Amer. Mus. Natur. Hist., 37: 624; figs 6–7. – Type locality: Yonahlossee Road, about 3 miles from Linville, North Carolina.  
 1919 *Melanemys muhlenbergii* – Shufeldt, Aquatic Life, 1919 (8): 157.

- 1943 *Clemmys muhlenberg* Brimley (ex errore), Carolina Tips, 6 (1): 3.  
 2001 *Glyptemys muhlenbergii* – Holman & Fritz, Zool. Abh. Dresden, 51: 331.

**Distribution:** Eastern U.S.A. (patchy range in western Massachusetts, Connecticut, New York, Pennsylvania, Virginia and adjacent North Carolina, northern South Carolina and Georgia, New Jersey, northern Delaware, Maryland, eastern Tennessee).

### ***Graptemys* Agassiz, 1857**

- 1857 *Graptemys* Agassiz, Contrib. Nat. Hist. U.S.A., 1: 252. – Subsequently designated type species (Stejneger & Barbour 1917): *Graptemys geographica* (LeSueur, 1817).

### ***Graptemys barbouri* Carr & Marchand, 1942**

- 1942 *Graptemys barbouri* Carr & Marchand, Proc. New England Zool. Club, 20: 98; plates 14–15. – Type locality: Chipola River bei Marianna, Jackson Co., Florida.  
 1964 *Malaclemys barbouri* – McDowell, Proc. Zool. Soc. London, 143: 274.

**Distribution:** Florida and Georgia, U.S.A. (Apalachicola River system, including Chipola and Apalachicola Rivers in Florida, and Flint and Chattahoochee Rivers in Georgia).

### ***Graptemys caglei* Haynes & McKown, 1974**

- 1974 *Graptemys caglei* Haynes & McKown, Tulane Stud. Zool. Bot., 18: 143; figs 2, 3 (left), 4 (left), 5 (top left), 6 (left), 7 (left), 8. – Type locality: Guadalupe River, 8 km NW Cuero, De Witt Co., Texas.

**Distribution:** Texas, U.S.A. (Guadalupe River system of south central Texas).

### ***Graptemys ernsti* Lovich & McCoy, 1992**

- 1992 *Graptemys ernsti* Lovich & McCoy, Ann. Carnegie Mus., 61: 293; figs 4–5. – Type locality: Conecuh River, 1 mile upstream from County Road 4 Bridge, 14 km east of East Brewton, Escambia Co., Alabama, U.S.A.  
 2002 *Graptemys emstii* Ferri (ex errore), Turtles & Tortoises: 248.  
 2003 *Graptemys pulchra ernsti* – Artner, Emys, 10 (6): ix.

**Distribution:** Southern Alabama and western Florida, U.S.A. (large to medium sized rivers emptying into Escambia Bay, including Conecuh, Escambia, Yellow, and Shoal Rivers of southern Alabama and western Florida).

### ***Graptemys flavimaculata* Cagle, 1954**

- 1954 *Graptemys flavimaculata* Cagle, Tulane Stud. Zool., 1: 167; figs 2–3, 5, 7, 11, 13, 15. – Restricted type locality (Cliburn 1971): Pascagoula River at Old Benndale Crossing (T3S, R8W, Sec. 1), George Co.  
 1955 *Graptemys oculifera flavimaculata* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.  
 1964 *Malaclemys flavomaculata* McDowell (ex errore), Proc. Zool. Soc. London, 143: 274.  
 1970 *Malaclemys flavimaculata* – Cochran & Goin, New Field Book Amphib. Rept.: 149.

**Distribution:** Mississippi, U.S.A. (Pascagoula River system).

***Graptemys geographica* (LeSueur, 1817)**

- 1817 *Testudo geographica* LeSueur, J. Acad. Natur. Sci. Philadelphia, 1: 86; plate 5. – Type locality: marshes on border of Lake Erie.
- 1825 *Emys geographica* – Say, J. Acad. Natur. Sci. Philadelphia, 4: 204.
- 1831 *Terrapene geographica* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 156.
- 1835 *Clemmys (Clemmys) geographica* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1836 *Emys megacephala* Holbrook, North Amer. Herpetol.: 51. – Type locality: Cumberland River, neighbourhood of Nashville, Tennessee.
- 1857 *Graptemys geographica* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1875 *Malacoclemmys geographica* – Cope, Bull. U.S. Nat. Mus., 1: 53.
- 1883 *Malacoclemmys geographicus* – Davis & Rice, Bull. Chicago Acad. Sci., 1: 32.
- 1887 *Malaclemys geographica* Hay (ex errore), Ann. Rept. Indiana State Board Agricult., 1887: 219.
- 1893 *Malaclemys geographica* – Hurter, Trans. St. Louis Acad. Sci., 6: 261.
- 1899 *Malaclemmys geographicus* – McLain, Notes Coll. Rept. Arkansas: 1.
- 1902 *Malaclemys geographicus* – Paulmier, Bull. New York St. Mus., 51: 394.
- 1909 *Graptemys geographicus* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 474.

**Distribution:** Northeastern central U.S.A. and southeastern Canada (from southern Quebec and northwestern Vermont west to southern Wisconsin and, west of the Appalachians, south to Arkansas and Georgia; Susquehanna River drainage of Pennsylvania and Maryland; Delaware River).

***Graptemys gibbonsi* Lovich & McCoy, 1992**

- 1992 *Graptemys gibbonsi* Lovich & McCoy, Ann. Carnegie Mus., 61: 293; figs 6–7. – Type locality: Chickasawhay River, Leakesville, Greene Co., Mississippi, U.S.A.
- 2003 *Graptemys pulchra gibbonsi* – Artner, Emys, 10 (6): ix.
- 2003 *Graptemys gibbousi* Obst (ex errore), Draco, 4 (13): 16.

**Distribution:** Mississippi and eastern Louisiana, U.S.A. (large to medium-sized rivers in the Pascagoula and Pearl River systems).

***Graptemys nigrinoda* Cagle, 1954**

**Distribution:** Alabama and Mississippi, U.S.A. (Alabama, Tombigbee, and Black Warrior River systems).

***Graptemys nigrinoda nigrinoda* Cagle, 1954**

- 1954 *Graptemys nigrinoda* Cagle, Tulane Stud. Zool., 1: 168; figs 1, 4, 6, 8, 10, 12, 14. – Type locality: Black Warrior River, above lock 9; 17.5 miles SSW of Tuscaloosa, Tuscaloosa Co., Alabama.
- 1955 *Graptemys oculifera nigrinoda* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.
- 1969 *Graptemys nigrinoda nigrinoda* – Folkerts & Mount, Copeia, 1969: 679.
- 1970 *Malaclemys nigrinoda* – Cochran & Goin, New Field Book Amphib. Rept.: 151.

**Distribution:** Tallapoosa, Coosa, Cahaba, and Alabama Rivers from the Fall Line south to near the Wilcox-Monroe County line in Alabama; intergrades with *Graptemys nigrinoda delticola* Folkerts & Mount, 1869 in a vast part of the Alabama-Tombigbee River systems of Alabama and Mississippi, U.S.A.

***Graptemys nigrinoda delticola* Folkerts & Mount, 1969**

- 1969 *Graptemys nigrinoda delticola* Folkerts & Mount, Copeia, 1969: 677; figs 2, 4, 5. – Type locality: Hubbard's Landing on Tensaw Lake, 2.6 air miles SW of Latham, Baldwin Co., Alabama.



**Distribution:** Delta of the Mobile Bay drainage, Alabama, U.S.A. For intergradation zone with *Graptemys nigrinoda nigrinoda* Cagle, 1954, see under this subspecies.

***Graptemys oculifera* (Baur, 1890)**

- 1890 *Malacoclemmys oculifera* Baur, Science, 16: 262. – Type locality: Mandeville, Louisiana.  
 1893 *Graptemys oculifera* – Baur, Amer. Natural., 27: 675.  
 1909 *Malaclemys lesueurii oculifera* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 475.  
 1917 *Graptemys pseudogeographica oculifera* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 118.  
 1955 *Graptemys oculifera oculifera* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.  
 1964 *Malaclemys oculifera* – McDowell, Proc. Zool. Soc. London, 143: 274.  
 1970 *Malaclemys oculifer* – Cochran & Goin, New Field Book Amphib. Rept.: 149.  
 1979 *Graptemys ocalifera* Nutaphand (ex errore), Turtles of Thailand: 27.

**Distribution:** Mississippi and Louisiana, U.S.A. (Pearl and West Pearl Rivers).

***Graptemys ouachitensis* Cagle, 1953**

**Distribution:** South-central U.S.A.

**Comment:** Stephens & Wiens (2003) suggested that both subspecies of *Graptemys ouachitensis* Cagle, 1953 could represent full species.

***Graptemys ouachitensis ouachitensis* Cagle, 1953**

- 1953 *Graptemys pseudogeographica ouachitensis* Cagle, Occ. Pap. Mus. Zool. Univ. Michigan, 546: 2; figs 2, 3B–D, F. – Type locality: Ouachita River, 4 miles northeast of Harrisonburg, Louisiana.  
 1970 *Malaclemys pseudogeographica ouachitensis* – Cochran & Goin, New Field Book Amphib. Rept.: 149.  
 1974 *Graptemys ouachitensis* – Vogt, Herpetol. Rev., 5: 79.  
 1980 *Graptemys ouachitensis ouachitensis* – Vogt, Tulane Stud. Zool. Bot., 22: 17.  
 1990 *Graptemys pseudogeographica outachitensis* Rudloff (ex errore), Schildkröten: 104.  
 1996 *Graptemys ouachita ouachita* Bonin, Devaux & Dupré (ex errore), Toutes Tortues Monde: 234.

**Distribution:** South-central U.S.A. (Ouachita River system of northern Louisiana west to Oklahoma and northward to Kansas, Minnesota, Wisconsin, Indiana, Ohio, and West Virginia).

***Graptemys ouachitensis sabinensis* Cagle, 1953**

- 1953 *Graptemys pseudogeographica sabinensis* Cagle, Occ. Pap. Mus. Zool. Univ. Michigan, 546: 2; figs 1, 3A, E, G. – Type locality: Sabine River, 8 miles southwest of Negreet, Louisiana.  
 1970 *Malaclemys pseudogeographica sabinensis* – Cochran & Goin, New Field Book Amphib. Rept.: 149.  
 1980 *Graptemys ouachitensis sabinensis* – Vogt, Tulane Stud. Zool. Bot., 22: 17.  
 1986 *Graptemys sabinensis* – Iverson, Checkl. Distr. Maps Turtl. World: 88.  
 1996 *Graptemys ouachita sabinensis* Bonin, Devaux & Dupré (ex errore), Toutes Tortues Monde: 234.

**Distribution:** Texas and Louisiana, U.S.A. (Sabine River system).

***Graptemys pseudogeographica* (Gray, 1831)**

**Distribution:** Central and south-central U.S.A.

*Graptemys pseudogeographica pseudogeographica* (Gray, 1831)

- 1831 *Emys lesueurii* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 12. – Type locality: North America.
- 1831 *Emys pseudogeographica* Gray, Synops. Rept., 1 (Cataphracta): 31. – Restricted type locality (Bour & Dubois 1983): Wabash River between Mont Vernon and Shawneetown, Indiana.
- 1857 *Graptemys lesueurii* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1862 *Clemmys pseudogeographica* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1863 *Graptemys pseudogeographica* – Gray, Ann. Mag. Natur. Hist., (3) 12: 180.
- 1875 *Malacoclemmys pseudogeographicus* – Cope, Bull. U.S. Nat. Mus., 1: 53.
- 1883 *Malacoclemmys lesueuri* Yarrow (ex errore), Bull. U.S. Nat. Mus., 24, 1882: 34.
- 1883 *Malacoclemmys pseudographicus* Davis & Rice (ex errore), Bull. Chicago Acad. Sci., 1: 32.
- 1889 *Malacoclemmys lesueurii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1892 *Malaclemys pseudogeographica* – Hay, Ann. Rep. Indiana Dept. Geol. Natur. Res., 17: 513.
- 1902 *Malaclemys pseudogeographicus* – Paulmier, Bull. New York St. Mus., 51: 394.
- 1909 *Graptemys pseudogeographicus* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 474.
- 1909 *Malaclemys [lesueurii] lesueurii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 474.
- 1917 *Graptemys pseudogeographica pseudogeographica* – Stejneger & Barbour, Check List North Amer. Amph. Rept., 1st ed.: 117.
- 1970 *Malaclemys pseudogeographica pseudogeographica* – Cochran & Goin, New Field Book Amphib. Rept.: 149.
- 1988 *Graptemys pseudogeographica* Anan'eva in Anan'eva, Borkin, Darevskii & Orlov (ex errore), Slovar nazvanii zhivotnykh, Amfibii i reptilii: 146.

**Distribution:** Central U.S.A. (Ohio, Indiana, Illinois, Wisconsin, Minnesota, and the Dakotas southward to western Kentucky, Tennessee, and Missouri).

*Graptemys pseudogeographica kohnii* (Baur, 1890)

- 1890 *Malacoclemmys kohnii* Baur, Science, 16: 263. – Type localities: Bayou Lafourche, Bayou Teche and St. Martinsville, Louisiana.
- 1893 *Graptemys kohnii* – Baur, Amer. Natural., 27: 675.
- 1909 *Malaclemys lesueurii kohnii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 475.
- 1917 *Graptemys pseudogeographica kohnii* – Stejneger & Barbour, Check List North Amer. Amph. Rept., 1st ed.: 117.
- 1934 *Graptemys pseudogeographica kohni* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 61.
- 1953 *Graptemys kohni* – Cagle, Occ. Pap. Mus. Zool. Univ. Michigan, 546: 16.
- 1964 *Malaclemys kohni* – McDowell, Proc. Zool. Soc. London, 143: 274.
- 2002 *Graptemys khonii* Ferri (ex errore), Turtles & Tortoises: 37.

**Distribution:** South-central U.S.A. (Mississippi River drainage of western Tennessee, central Missouri, and possibly southeastern Nebraska south to eastern Texas, Louisiana, and southern and western Mississippi).

*Graptemys pulchra* Baur, 1893

- 1893 *Graptemys pulchra* Baur, Amer. Natural., 27: 675. – Type locality: Montgomery, Alabama.
- 1907 *Malacoclemmys pulchra* – Ditmars, Reptile Book: 46.
- 1909 *Malaclemys lesueurii pulchra* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 475.
- 1950 *Graptemys pulchra* Chaney & Smith (ex errore), Copeia, 1950: 323.
- 1964 *Malaclemys pulchra* – McDowell, Proc. Zool. Soc. London, 143: 274.
- 1983 *Graptemys puchra* Bertl & Killebrew (ex errore), Herpetologica, 39: 379.
- 2003 *Graptemys pulchra pulchra* – Artner, Emys, 10 (6): ix.

**Distribution:** Alabama, Florida, Louisiana, Mississippi, U.S.A. (major drainage systems entering the Gulf of Mexico from the Pearl River of Louisiana and Mississippi eastward to the Yellow River of Florida and Alabama).

### ***Graptemys versa* Stejneger, 1925**

- 1925 *Graptemys pseudogeographica versa* Stejneger, J. Washington Acad. Sci., 15: 463. – Type locality: Austin, Texas.  
 1946 *Graptemys versa* – Smith, Proc. Trans. Texas Acad. Sci., 30: 60.  
 1964 *Malaclemys versa* – McDowell, Proc. Zool. Soc. London, 143: 274.

**Distribution:** Texas, U.S.A. (Colorado River drainage).

### ***Malaclemys* Gray, 1844**

- 1840 *Malaclemys* Gray (nomen nudum), Synops. Cont. Brit. Mus., 42nd ed.: 42.  
 1844 *Malaclemys* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 28. – Type species (by monotypy): *Malaclemys concentrica* (Shaw, 1802) = *Malaclemys terrapin terrapin* (Schoepff, 1793).  
 1857 *Malacoclemmys* Agassiz (nomen novum), Contrib. Natur. Hist. U.S.A., 1: 437.  
 1870 *Malaclemmys* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 42.

### ***Malaclemys terrapin* (Schoepff, 1793)**

**Distribution:** Coastal regions of eastern and southeastern U.S.A.

### ***Malaclemys terrapin terrapin* (Schoepff, 1793)**

- 1793 *Testudo terrapin* Schoepff, Hist. Testud. Icon. illustr.: 64; plate 15. – Restricted type locality (Schmidt 1953): coastal waters of Long Island, New York.  
 1802 *Testudo concentrica* Shaw, Gen. Zool. Syst. Natur. Hist., 3: 43; plate 9: fig. 2. – Type locality: Philadelphia markets.  
 1807 *Testudo ocellata* Link, Naturhist. Samml. Rostock, 2: 52. – Restricted type locality (Schmidt 1953): Philadelphia markets.  
 1820 *Testudo concentrata* Kuhl (ex errore), Beitr. Zool., Amphib.: 78.  
 1831 *Emys concentrica* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 11.  
 1831 *Testudo concentrica* var. *polita* Gray, Synops. Rept., 1 (Cataphracta): 27. – Type locality: unknown.  
 1842 *Emys terrapin* – Holbrook, North Amer. Herpetol., 2nd ed.: 87.  
 1844 *Emys macrocephalus* Gray [non *Emys macrocephala* Spix, 1824 = *Peltocephalus dumerilianus* (Schweigger, 1812); non *Emys macrocephala* sensu Günther 1864 = *Malayemys macrocephala* (Gray, 1859)], Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 26. – Restricted type locality (Schmidt 1953): Philadelphia markets.  
 1844 *Malaclemys concentrica* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 28.  
 1854 *Emys macrocephala* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1854 *Emys terrapene* LeConte (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1862 *Clemmys terrapin* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 132.  
 1870 *Malaclemmys concentrica* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 42.  
 1889 *Malacoclemmys terrapen* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1896 *Malaclemys terrapin* – Bangs, Proc. Boston Soc. Natur. Hist., 27: 159.  
 1904 *Malaclemmys centrata concentrica* – Hay, Bull. U.S. Bur. Fish., 24: 16.  
 1909 *Malaclemys centrata concentrica* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 472.  
 1929 *Malaclemys terrapin concentrica* – Lindholm, Zool. Anz., 81: 294.  
 1929 *Malaclemys terrapin terrapin* – Lindholm, Zool. Anz., 81: 294.

- 1989 *Malaclemys terapin* Iverson, Ernst, Gotte & Lovich (ex errore), Copeia, 1989: 497.  
2003 *Malaclemys terrapene* – Stephens & Wiens, Biol. J. Linn. Soc., 79: 593.

**Distribution:** Atlantic coast from Cape Cod to Cape Hatteras, U.S.A.

#### *Malaclemys terrapin centrata* (Latreille, 1801)

- 1801 *Testudo centrata* Latreille in Sonnini & Latreille, Hist. natur. Rept., 1: 145. – Restricted type locality (Schmidt 1953): vicinity of Charleston, South Carolina.  
1812 *Emys centrata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 281.  
1831 *Emys concentrica* var. *livida* Gray, Synops. Rept., 1 (Cataphracta): 27. – Restricted type locality (Schmidt 1953): vicinity of Charleston, South Carolina.  
1835 *Clemmys (Clemmys) centrata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
1894 *Malaclemmys centrata* – Lönnberg, Proc. U.S. Nat. Mus., 17: 319.  
1902 *Malaclemys centrata* – Paulmier, Bull. New York St. Mus., 51: 394.  
1909 *Malaclemys [centrata] centrata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 471.  
1944 *Malaclemmys terrapin centrata* – Mittleman, Copeia, 1944: 248.  
1945 *Malaclemys terrapin centrata* – Mittleman, Copeia, 1945: 234.  
1996 *Malaclemys terrapin centra* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: 205.

**Distribution:** Along the coast from Cape Hatteras southward to northern Florida, U.S.A.

#### *Malaclemys terrapin littoralis* Hay, 1904

- 1904 *Malaclemmys littoralis* Hay, Bull. U.S. Bur. Fisher., 24: 18; plates 8–9, 12: figs 2–3. – Type locality: Rockport, Texas.  
1909 *Malaclemys centrata littoralis* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 473.  
1917 *Malaclemys pileata littoralis* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 117.  
1929 *Malaclemys terrapin littoralis* – Lindholm, Zool. Anz., 81: 294.

**Distribution:** Along the Gulf Coast from western Louisiana to western Texas, U.S.A.

#### *Malaclemys terrapin macrospilota* Hay, 1904

- 1904 *Malaclemmys macrospilota* Hay, Bull. U.S. Bur. Fisher., 24: 16; plates 7, 11: fig. 1. – Type locality: Charlotte Harbor, Florida.  
1909 *Malaclemys centrata macrospilota* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 472.  
1917 *Malaclemys pileata macrospilota* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 117.  
1929 *Malaclemys terrapin macrospilota* – Lindholm, Zool. Anz., 81: 294.

**Distribution:** Along the Gulf Coast from the Florida Bay to Florida Panhandle, Florida, U.S.A.

#### *Malaclemys terrapin pileata* (Wied, 1865)

- 1865 *Emys pileata* Wied, Nova Acta Acad. caes. leop.-carol., 32: 17; plate 1: figs 2–3. – Type locality: New Orleans, Louisiana.  
1904 *Malaclemmys pileata* – Hay, Bull. U.S. Bur. Fisher., 24: 17.  
1909 *Malaclemys centrata pileata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 473.  
1917 *Malaclemys pileata pileata* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 116.  
1929 *Malaclemys terrapin pileata* – Lindholm, Zool. Anz., 81: 294.

**Distribution:** Along the Gulf Coast from the Florida Panhandle, Florida, to western Louisiana, U.S.A.

*Malaclemys terrapin rhizophorarum* Fowler, 1906

- 1844 *Malaclemys tuberculifera* Gray (nomen oblitum), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 29. – Type locality: California; restricted type locality (Schmidt 1953): Philadelphia market (both in error; Ernst & Hartsell 2000).
- 1906 *Malaclemmys littoralis rhizophorarum* Fowler (nomen protectum), Proc. Acad. Natur. Sci. Philadelphia, 58: 112; plate 4. – Type locality: Boca Grande Key, Lee Co., Florida.
- 1946 *Malaclemmys terrapin rhizophorarum* – Carr, Copeia, 1946: 171.
- 1952 *Malaclemys terrapin rhizophorarum* – Carr, Handbook of Turtles: xvi.
- 1985 *Malaclemys terrapin rhizophorarum* Anderson (ex errore), Guide to Florida Turtles: 33.

Distribution: Florida Keys, Florida, U.S.A.

*Malaclemys terrapin tequesta* Schwartz, 1955

- 1955 *Malaclemys terrapin tequesta* Schwartz, Proc. Biol. Soc. Washington, 68: 158. – Type locality: Miami Beach, Dade Co., Florida.

Distribution: Atlantic coast of Florida, U.S.A.

***Pseudemys* Gray, 1856**

- 1856 *Pseudemys* Gray, Proc. Zool. Soc. London, 1855: 197. – Subsequently designated type species (Baur 1893a): *Pseudemys concinna* (LeConte, 1830) = *Pseudemys concinna concinna* (LeConte, 1830).
- 1857 *Ptychemys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Subsequently designated type species (Brown 1908): *Ptychemys concinna* (LeConte, 1830) = *Pseudemys concinna concinna* (LeConte, 1830).
- 1857 *Nectemys* Agassiz (nomen novum pro *Ptychemys* Agassiz, 1857), Contrib. Natur. Hist. U.S.A., 2: 642.
- 1956 *Pseudomys* Malkin (ex errore), J. Anthropol., 2: 179.
- 1979 *Pseudermyx* Nutaphand (ex errore), Turtles of Thailand: 65.

***Pseudemys alabamensis* Baur, 1893**

- 1893 *Pseudemys alabamensis* Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 224. – Type locality: Mobile Bay, Alabama.
- 1907 *Chrysemys ababamensis* Ditmars (ex errore), Reptile Book: 38.
- 1938 *Pseudemys rubriventris alabamensis* – Stejneger, Proc. Biol. Soc. Washington, 51: 173.
- 1964 *Chrysemys (Pseudemys) alabamensis* – McDowell, Proc. Zool. Soc. London, 143: 274.
- 1983 *Chrysemys rubriventris alabamensis* – Obst, Schmuckschildkröten: 8.

Distribution: Southern Alabama, U.S.A. (Mobile Bay and tributary streams, Baldwin and Mobile Counties, Alabama).

***Pseudemys concinna* (LeConte, 1830)**

Distribution: Southeastern U.S.A.

*Pseudemys concinna concinna* (LeConte, 1830)

- 1830 *Testudo concinna* LeConte, Ann. Lyc. Natur. Hist., 3, 1829: 106. – Restricted type locality (Schmidt 1953): vicinity of Columbia, South Carolina.

- 1831 *Emys annulifera* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 12. – Designated type locality (Schmidt 1953): Columbia, South Carolina.
- 1831 *Emys (Testudo) concinna* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 355.
- 1831 *Terrapene concinna* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 156.
- 1835 *Clemmys (Clemmys) concinna* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1836 *Emys hieroglyphica* Holbrook, North Amer. Herpetol., 1st ed., 1: 47; plate 2. – Type locality: Cumberland River, Tennessee.
- 1838 *Emys mobilensis* Holbrook, North Amer. Herpetol., 1st ed., 2: 53; plate 9. – Type locality: Mobile, Alabama.
- 1851 *Emys labyrinthica* Duméril & Bibron in Duméril & Duméril, Cat. méthod. Coll. Rept.: 13. – Type locality: Wabash River, U.S.A.
- 1854 *Emys mobiliensis* LeConte (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.
- 1856 *Pseudemys concinna* – Gray, Proc. Zool. Soc. London, 1855: 197.
- 1856 *Pseudemys hieroglyphica* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 34.
- 1857 *Ptychemys concinna* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1857 *Ptychemys hieroglyphica* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 434.
- 1857 *Ptychemys hoyi* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 433. – Restricted type locality (Schmidt 1953): vicinity of Springfield, Missouri.
- 1857 *Ptychemys mobiliensis* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1862 *Clemmys hieroglyphica* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1862 *Clemmys labyrinthica* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1862 *Clemmys mobilensis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1863 *Pseudemys mobiliensis* – Gray, Ann. Mag. Natur. Hist., (3) 12: 182.
- 1865 *Emys orthonyx* Wied, Nova Acta Acad. caesar. leop.-carol., 32: 23; plate 3. – Type locality: south of New Orleans, Louisiana.
- 1870 *Pseudemys labyrinthica* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 47.
- 1873 *Trachemys annulifera* – Gray, Hand-List Shield Rept. Brit. Mus.: 47.
- 1883 *Pseudemys mobilensis* – Yarrow, Bull. U.S. Nat. Mus., 24, 1882: 32.
- 1889 *Chrysemys concinna* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1889 *Chrysemys hieroglyphica* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1889 *Chrysemys mobiliensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1890 *Clemmys mobiliensis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 80.
- 1892 *Chrysemys labyrinthica* – Hay, Ann. Rep. Indiana Dept. Geol. Natur. Res., 17: 566.
- 1928 *Pseudemys elonae* Brimley, J. Elisha Mitchell Sci. Soc., 44: 67; plate 1, plate 2: fig. 1. – Type locality: pond in Guilford Co., North Carolina, not far from Elon College, in the Cape Fear drainage.
- 1928 *Pseudemys vioscana* Brimley, J. Elisha Mitchell Sci. Soc., 44: 66; plate 2: fig. 2. – Type locality: Lake des Allemands, Louisiana.
- 1935 *Pseudemys floridana concinna* – Carr, Copeia, 1935: 147.
- 1937 *Pseudemys floridana mobiliensis* – Carr, Occ. Pap. Mus. Zool. Univ. Michigan, 348: 1.
- 1938 *Pseudemys concinna hoyi* – Stejneger, Proc. Biol. Soc. Washington, 51: 175.
- 1938 *Pseudemys floridana hieroglyphica* – Carr, Copeia, 1938: 108.
- 1939 *Pseudemys concinna concinna* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 163.
- 1939 *Pseudemys concinna hieroglyphica* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 164.
- 1939 *Pseudemys concinna mobilensis* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 164.
- 1939 *Pseudemys floridana mobilensis* – Pope, Turtles U.S. Canada: 210.
- 1950 *Pseudemys floridana hoyi* – Brown, Annot. Checkl. Rept. Amphib. Texas: 240.
- 1952 *Pseudemys concinna mobilensis* – Carr, Handbook of Turtles: xvi.
- 1957 *Pseudemys virginica* Pasteels (nomen nudum), Ann. Soc. E. Zool. Belg., 87: 92.
- 1967 *Chrysemys concinna concinna* – Weaver & Rose, Tulane Stud. Zool., 14: 63.
- 1967 *Chrysemys concinna hieroglyphica* – Weaver & Rose, Tulane Stud. Zool., 14: 63.
- 1970 *Chrysemys concinna mobilensis* – Cochran & Goin, New Field Book Amphib. Rept.: 155.

- 1970 *Chrysemys floridana hoyi* – Cochran & Goin, New Field Book Amphib. Rept.: 155.  
 1984 *Pseudemys concinna mettereri* Ward, Spec. Publ. Mus. Texas Tech. Univ., 21: 34; fig. 7. – Type locality: Old Fort Cobb, Caddo Co., Oklahoma.  
 2002 *Pseudemys floridana noyi* Ferri (ex errore), Turtles & Tortoises: 248.

**Distribution:** Southeastern U.S.A. (from Maryland south to Georgia, west through southwestern Indiana, southern Illinois, Missouri, Kansas, Oklahoma to eastern Texas).

**Comment:** Species borders within the *Pseudemys concinna-floridana* complex are still unclear. See comments under *P. c. suwanniensis* Carr, 1937, *P. f. floridana* (LeConte, 1830) and *P. f. peninsularis* Carr, 1938.

### *Pseudemys concinna suwanniensis* Carr, 1937

- 1937 *Pseudemys floridana suwanniensis* Carr, Occ. Pap. Mus. Zool. Univ. Michigan, 348: 4; plate 1. – Type locality: Suwannee River at Manatee Springs, Levy-Dixie County line, Florida.  
 1939 *Pseudemys concinna suwanniensis* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 164.  
 1966 *Pseudemys concinna suuranniensis* Rhodes (ex errore), Zool. Rec., Rept., 1964: 55.  
 1967 *Chrysemys concinna suwanniensis* – Weaver & Rose, Tulane Stud. Zool., 14: 63.  
 1971 *Pseudemys sueanniensis* Nothstine, Davis & DeRoos (ex errore), Amer. J. Physiol., 221: 726.  
 1974 *Pseudemys suenniensis* Dadd (ex errore), Zool. Rec., Rept., 1971: 86.  
 1991 *Pseudemys suwanniensis* – Collins, Herpetol. Rev., 22: 43.

**Distribution:** West-central Florida, U.S.A.

**Comment:** Species borders within the *Pseudemys concinna-floridana* complex are still unclear (Seidel 1994, 1995, Jackson 1995). Seidel (1994) suggested full species status for *P. c. suwanniensis* Carr, 1937, but Seidel & Dreslik (1996) and Jackson (2006) agreed that this taxon is conspecific with *P. concinna* (LeConte, 1830).

### *Pseudemys floridana* (LeConte, 1830)

**Distribution:** Southeastern U.S.A.

### *Pseudemys floridana floridana* (LeConte, 1830)

- 1830 *Testudo floridana* LeConte, Ann. Lyc. Natur. Hist., 3, 1829: 100. – Restricted type locality (Bour 2003): lower reaches of the St. John's River, Duval Co., Florida.  
 1830 *Terrapene floridana* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 154.  
 1835 *Emys floridana* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 285.  
 1835 *Clemmys (Clemmys) floridana* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1862 *Clemmys foridana* Strauch (ex errore), Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1893 *Pseudemys floridana* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 223.  
 1907 *Chrysemys floridana* – Ditmars, Reptile Book: xxiv.  
 1935 *Pseudemys floridana floridana* – Carr, Copeia, 1935: 147.  
 1960 *Pseudemys floridiana* Battersby (ex errore), Zool. Rec., Rept., 1957: 92.  
 1970 *Chrysemys floridana floridana* – Cochran & Goin, New Field Book Amphib. Rept.: 154.  
 1970 *Pseudemys concinna floridana* – Ashe, Psychon. Sci., 20: 151.

**Distribution:** Southeastern U.S.A. (from southeastern Virginia southward across northern Florida to Alabama).

**Comment:** Species borders within the *Pseudemys concinna-floridana* complex are still unclear (Seidel 1994, 1995, Jackson 1995). Some influential authors (Carr 1952, Seidel 1994, Seidel & Dreslik 1996) treat this taxon

as conspecific with *P. concinna* (LeConte, 1830), while the most recent studies (Jackson 2006, Thomas & Jansen 2006) favour that *P. concinna* and *P. floridana* (LeConte, 1830) represent distinct species. See also comment under *P. f. peninsularis* Carr, 1938.

### *Pseudemys floridana peninsularis* Carr, 1938

- 1938 *Pseudemys floridana peninsularis* Carr, Copeia, 1938: 105. – Type locality: Crystal Springs, Pasco Co., Florida.  
1939 *Pseudemys floridana peninsularis* Allen (ex errore), Proc. Florida Acad. Sci., 3, 1938: 105.  
1967 *Chrysemys floridana peninsularis* – Weaver & Rose, Tulane Stud. Zool., 14: 63.  
1994 *Pseudemys peninsularis* – Seidel, Chelon. Conserv. Biol., 1: 117.

**Distribution:** Florida Peninsula, U.S.A.

**Comment:** Seidel (1994) suggested full species status for *Pseudemys floridana peninsularis* Carr, 1938, but Jackson (1995) and Thomas & Jansen (2006) agreed that it is conspecific with *P. f. floridana* (LeConte, 1830). Both subspecies appear to intergrade over a broad area from near Ocala to Tallahassee, Florida (Thomas & Jansen 2006).

### *Pseudemys gorzugi* Ward, 1984

- 1984 *Pseudemys concinna gorzugi* Ward, Spec. Publ. Mus. Texas Tech. Univ., 21: 29; fig. 6. – Type locality: 3.5 miles west of Jiménez, Río San Diego, Coahuila, Mexico.  
1990 *Pseudemys gorzugi* – Ernst, Cat. Amer. Amphib. Rept., 461: 1.

**Distribution:** Rio Grande drainage of northeastern Mexico, New Mexico and Texas, U.S.A. (from Brownsville to the Big Bend River north of Del Rio, Terrel Co., and in the Pecos River drainage of northwestern Texas and southeastern New Mexico, possibly as far north as the Bitter Lakes Wildlife Refuge, Chaves Co.).

### *Pseudemys nelsoni* Carr, 1938

- 1908 ? *Deirochelys floridana* Hay, Fossil Turtles North America: 346; fig. 450; plate 54: figs 1–2. – Type locality: Hillsboro Co., Florida (Pleistocene, probably Peace Creek beds).  
1908 ? *Trachemys jarmani* Hay, Fossil Turtles North America: 351; plate 54: figs 10–12. – Type locality: Hillsboro Co., Florida (Pleistocene, probably Peace Creek beds).  
1938 *Pseudemys nelsoni* Carr, Occ. Pap. Boston Soc. Natur. Hist., 8: 307. – Type locality: Fellsmere, Indian River Co., Florida.  
1951 *Pseudemys rubriventris nelsoni* – Mertens, Zw. Atlantik u. Pazifik: 71.  
1964 *Chrysemys (Pseudemys) nelsoni* – McDowell, Proc. Zool. Soc. London, 143: 274.  
1983 *Chrysemys rubriventris nelsoni* – Obst, Schmuckschildkröten: 8.

**Distribution:** Florida Peninsula, U.S.A.

### *Pseudemys rubriventris* (LeConte, 1830)

- 1830 *Testudo rubriventris* LeConte, Ann. Lyc. Natur. Hist., 3, 1829: 101. – Restricted type locality (Schmidt 1953): Delaware River near Trenton, New Jersey.  
1830 *Terrapene rubriventris* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 154.  
1835 *Emys irrigata* Bell in Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 276. – Restricted type locality (Schmidt 1953): vicinity of Trenton, New Jersey.  
1835 *Emys irrigata* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 276.  
1835 *Emys rubriventris* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 281.



- 1835 *Clemmys (Clemmys) rubriventris* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1844 *Emys rivulata* Gray [non *Emys rivulata* Valenciennes, 1833 = *Mauremys rivulata* (Valenciennes, 1833)], Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 22. – Restricted type locality (Schmidt 1953): vicinity of Trenton, New Jersey.  
 1889 *Chrysemys rubriventris* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1893 *Pseudemys rubriventris* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 224.  
 1937 *Pseudemys rubriventris bangsi* Babcock, Occ. Pap. Boston Soc. Natur. Hist., 8: 293. – Type locality: Gunner's Exchange Pond, Plymouth Co., Massachusetts.  
 1937 *Pseudemys rubriventris rubriventris* – Babcock, Occ. Pap. Boston Soc. Natur. Hist., 8: 293.  
 1967 *Chrysemys rubriventris rubriventris* – Weaver & Rose, Tulane Stud. Zool., 14: 63.  
 1972 *Chrysemys rubriventris bangsi* – Ernst & Barbour, Turtles of the United States: 165.  
 1991 *Pseudemys bangsi* – Collins, Herpetol. Rev., 22: 43.  
 1993 *Chrysemys rubriventris fubriventris* Gosławski & Hryniewicz (ex errore), Żółwie: 73.

**Distribution:** Atlantic coastal plain from central New Jersey south to northeastern North Carolina and westward up the Potomac River to eastern West Virginia. Relict populations in southeastern Massachusetts.

### ***Pseudemys texana* Baur, 1893**

- 1893 *Pseudemys texana* Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 223. – Type locality: San Antonio, Texas.  
 1907 *Chrysemys texana* – Ditmars, Reptile Book: 40.  
 1938 *Pseudemys floridana texana* – Carr, Copeia, 1938: 108.  
 1958 *Pseudemys concinna texana* – Conant, Field Guide Rept. Amphib. U.S.: 59.  
 1966 *Chrysemys concinna texana* – Smith & Taylor, Herpetology Mexico: 11.  
 1993 *Chrysemys concinna texaba* Gosławski & Hryniewicz (ex errore), Żółwie: 73.

**Distribution:** Central Texas, U.S.A. (Colorado, Brazos, Guadalupe, and San Antonio River drainages).

### ***Terrapene* Merrem, 1820**

- 1815 *Didicla* Rafinesque (nomen nudum), Analyse de la Nature: 75.  
 1820 *Terrapene* Merrem, Tentam. Syst. Amphib.: 27. – Subsequently designated type species (Bell 1825): *Terrapene clausa* (Gmelin, 1789) = *Terrapene carolina carolina* (Linnaeus, 1758).  
 1822 *Therapene* Schinz (ex errore), Thierreich: 13.  
 1822 *Cistuda* Fleming, Philosophy Zool., 1: 270. – Type species (by original designation): “box turtle”.  
 1825 *Cistudo* Say (nomen novum pro *Cistuda* Fleming, 1822), J. Acad. Natur. Sci. Philadelphia, 4: 214.  
 1825 *Tetrapene* Haworth (ex errore), Philos. Mag., 65: 373.  
 1825 *Cistula* Gray (ex errore), Ann. Philos. (New Ser.), 10: 211.  
 1825 *Terraphene* Gray (ex errore), Ann. Philos. (New Ser.), 10: 211.  
 1832 *Didicla* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Subsequently designated type species (Brown 1908): *Didicla clausa* (Gmelin, 1789) = *Terrapene carolina carolina* (Linnaeus, 1758).  
 1835 *Pyxidemys* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123. – Subsequently designated type species (Fitzinger 1843): *Pyxidemys clausa* (Gmelin, 1789) = *Terrapene carolina carolina* (Linnaeus, 1758).  
 1843 *Pyxidemis* Agassiz (ex errore), Nomencl. zool.: 38.  
 1844 *Emyoides* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 27. – Type species (by monotypy): *Emys (Emyoides) kinosternoides* Gray, 1831 = *Terrapene carolina carolina* (Linnaeus, 1758).  
 1848 *Terrapenne* Gistel (ex errore), Naturgesch. Thierreichs: 98.  
 1849 *Onychotria* Gray, Proc. Zool. Soc. London, 1849: 17. – Type species (by monotypy): *Cistudo (Onychotria) mexicana* Gray, 1849 = *Terrapene carolina mexicana* (Gray, 1849).  
 1889 *Didicla* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 33.  
 1890 *Onichotria* Herrerra (ex errore), Naturaleza, 1: 330.  
 1895 *Pariemys* Cope, Amer. Natural., 29: 757. – Type species (by monotypy): *Pariemys bauri* (Taylor, 1895) = *Terrapene carolina bauri* Taylor, 1895.  
 1895 *Toxaspis* Cope, Amer. Natural., 29: 757. – Type species (by monotypy): *Toxaspis major* (Agassiz, 1857) = *Terrapene carolina major* (Agassiz, 1857).

- 1901 *Cistudos* Herrera (nomen novum; nomen suppressum: Opinion 72, ICZN 1922), *Nouv. Nomencl.*: 36.  
 1924 *Terepene* Breder (ex errore), *Copeia*, 1924: 63.  
 1934 *Terrepene* Slevin (ex errore), *Handb. Rept. Amphib. Pacific States*: 29.  
 1973 *Terapene* Nietzke (ex errore), *Terrarien-Tiere*, 1: 371.  
 1975 *Emydoides* Pritchard (ex errore), *Chelonia*, 2 (5): 17.  
 1985 *Terpene* Smith & deCarvalho (ex errore), *Physiol. Zool.*, 58: 232.

### *Terrapene carolina* (Linnaeus, 1758)

**Distribution:** South-central, eastern and southeastern U.S.A., northeastern Mexico and Yucatán Peninsula, Mexico.

**Comment:** Stephens & Wiens (2003) suggested that both Mexican subspecies of *Terrapene carolina* (Linnaeus, 1758) represent full species.

### *Terrapene carolina carolina* (Linnaeus, 1758)

- 1758 *Testudo carolina* Linnaeus [non *Testudo carolina* sensu LeConte 1830 = *Xerobates carolinus* sensu Agassiz 1857 = *Gopherus carolinus* sensu Shaler 1888 = *Gopherus polyphemus* (Daudin, 1801)], *Syst. Natur.*, Ed. 10, 1: 198. – Restricted type locality (Schmidt 1953): vicinity of Charleston, South Carolina.  
 1758 *Testudo carinata* Linnaeus, *Syst. Natur.*, Ed. 10, 1: 198. – Restricted type locality (Schmidt 1953): vicinity of Charleston, South Carolina.  
 1788 *Testudo brevicaudata* Lacépède (nomen novum pro *Testudo carolina* Linnaeus, 1758), *Hist. natur. Quadrup. ovip.*, 1 (Synops. méthod.): 169.  
 1789 *Testudo incarcerata* Bonnaterre, *Tabl. encyclop. méthod. trois Règn. Natur., Erpétol.*: 29. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1789 *Testudo incarceratostrata* Bonnaterre, *Tabl. encyclop. méthod. trois Règn. Natur., Erpétol.*: 29. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1789 *Testudo clausa* Gmelin in Linnaeus, *Syst. Natur.*, Ed. 13, 1: 1042. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1801 *Testudo virgulata* Latreille, *Hist. natur. Rept.*, 4: 100; plate 4: fig. 2. – Type locality: Charleston, South Carolina.  
 1801 *Testudo caroliniana* Daudin (ex errore), *Hist. natur. gén. part. Rept.*, 2, 1802: 207.  
 1805 *Emydes clausa* – Brongniart, *Essai Classif. Natur. Rept.*: 27.  
 1812 *Emys clausa* – Schweigger, Königsberg. *Arch. Naturwiss. Math.*, 1: 315.  
 1812 *Emys schneideri* Schweigger, Königsberg. *Arch. Naturwiss. Math.*, 1: 317. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1812 *Emys virgulata* – Schweigger, Königsberg. *Arch. Naturwiss. Math.*, 1: 317.  
 1815 *Didicla clausa* – Rafinesque, *Analyse de la Nature*: 75.  
 1820 *Terrapene clausa* – Merrem, *Tentam. Syst. Amphib.*: 28.  
 1822 *Monoclista kentukensis* Rafinesque (nomen suppressum: Opinion 1820, ICZN 1984), *Kentucky Gazette (N.S.)*, 1 (24): 5. – Type locality: Kentucky.  
 1825 *Cistudo clausa* – Say, *J. Acad. Natur. Sci. Philadelphia*, 4: 214.  
 1825 *Terrapene carolina* – Bell, *Zool. J.*, 2: 309.  
 1825 *Terrapene maculata* Bell, *Zool. J.*, 2: 309. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1825 *Terrapene nebulosa* Bell, *Zool. J.*, 2: 310. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1825 *Terrapene clausa* – Gray, *Ann. Philos. (New Ser.)*, 10: 211.  
 1826 *Terrapene virgulata* – Fitzinger, *Neue Classif. Rept.*: 44.  
 1829 *Emys tritentaculata* de Saint-Hilaire in Cuvier (nomen nudum), *Règne animal*, Ed. 2, 2: 11.  
 1831 *Emys (Cistuda) carolinae* Gray in Griffith & Pidgeon (ex errore), *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 7.  
 1831 *Emys kinosternoides* Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 12. – Designated type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.

- 1831 *Testudo irregulata* Daudin in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 7.
- 1831 *Cistuda carolina* – Gray, Synops. Rept., 1 (Cataphracta): 18.
- 1832 *Didicla clausa* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.
- 1835 *Emys cinosternoides* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 285.
- 1835 *Emys schneiderii* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 210.
- 1835 *Testudo incarcerationatastriata* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 210.
- 1839 *Cinosternon clausum* – Henle, Vergl.-anatom. Besch. Kehlkopfs: 2.
- 1843 *Pyxidemys clausa* – Fitzinger, Syst. Rept., 1: 29.
- 1854 *Terrapene carolina maculata* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.
- 1854 *Terrapene carolina nebulosa* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.
- 1856 *Cistudo carolinensis* Gray (ex errore), Proc. Zool. Soc. London, 1855: 197.
- 1857 *Cistudo carolina* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 249.
- 1857 *Cistudo virginea* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 260; 2: plate 4: figs 17–19, plate 7: figs 10–14. – Restricted type locality (Smith & Smith 1980): Springfield, Massachusetts.
- 1862 *Terrapene carinata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 96.
- 1869 *Cistudo eurypygia* Cope, Trans. Amer. Philos. Soc., 14: 124. – Type locality: Oxford Neck, Talbot Co., Maryland (Pleistocene).
- 1884 *Cistudo carinata* – Garman, Bull. Essex Inst., 16: 10.
- 1889 *Cistudo carolina* var. *cinosternoides* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 117.
- 1890 *Cinosternum clausum* – Hoffmann in Bronn, Klass. Ordn. Thierr., 6 (3) 1: 337.
- 1892 *Cistudo cinosternoides* – Garman, Bull. Essex Inst., 24: 49.
- 1902 *Terrapene eurypygia* – Hay, Proc. Acad. Natur. Sci. Philadelphia, 1902: 385.
- 1909 *Terrapene cinosternoides* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 491.
- 1917 *Terrapene carolina carolina* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 115.
- 1922 *Terrapene cardlina* Proctor (ex errore), Zool. Rec., Rept., Batr., 1920: 20.
- 1924 *Terepene carolina* – Breder, Copeia, 1924: 63.
- 1929 *Terrapene kinosternoides* – Lindholm, Zool. Anz., 81: 294.
- 1953 *Terrapene caritana* Schmidt (ex errore), Check List North Amer. Amph. Rept., 6th ed.: 93.
- 1953 *Terrapene carolinensis* – Schmidt, Check List North Amer. Amph. Rept., 6th ed.: 93.
- 1953 *Terrapene carolinina* Schmidt (ex errore), Check List North Amer. Amph. Rept., 6th ed.: 93.

Distribution: Eastern and southeastern U.S.A. (from southern Maine south to Georgia and west to Michigan, Illinois, and Tennessee).

#### *Terrapene carolina bauri* Taylor, 1895

- 1895 *Terrapene bauri* Taylor, Proc. U.S. Nat. Mus., 17: 576. – Restricted type locality (Schmidt 1953): Orlando, Florida.
- 1895 *Pariemys bauri* – Cope, Amer. Natural., 29: 757.
- 1907 *Cistudo bauri* – Ditmars, Reptile Book: xxiv.
- 1916 *Terrapene innoxia* Hay, Ann. Rep. Florida St. Geol. Surv., 8: 61; plate 6: figs 1–4. – Type locality: Vero, St. Lucie Co., Florida (Pleistocene).
- 1940 *Terrapene carolina bauri* – Carr, Univ. Florida Biol. Ser., 3: 100.
- 1989 *Terrapene carolina baurii* Stubbs (ex errore), Tort. Freshw. Turtl., Action Plan Conserv.: 4.

Distribution: Florida, U.S.A. (peninsular Florida and Florida Keys).

#### *Terrapene carolina major* (Agassiz, 1857)

- 1857 *Cistudo major* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 445. – Restricted type locality (Schmidt 1953): Mobile, Alabama.
- 1889 *Cistudo carolina* var. *major* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 117.
- 1891 *Terrapene major* – Baur, Science, 17: 190.

- 1895 *Toxaspis major* – Cope, Amer. Natural., 29: 757.  
1940 *Terrapene carolina major* – Carr, Univ. Florida Biol. Ser., 3: 101.  
1999 *Terrapene major major* – Wilms in Siebenrock, Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [202].

**Distribution:** Southeastern U.S.A. (along the Gulf Coastal Plain from the Florida Panhandle to eastern Texas).

#### *Terrapene carolina mexicana* (Gray, 1849)

- 1849 *Cistudo (Onychotria) mexicana* Gray, Proc. Zool. Soc. London, 1848: 17; Rept. plate 2. – Restricted type locality (Müller 1936): Tampico, Tamaulipas.  
1854 *Onychotria mexicana* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
1889 *Cistudo carolina* var. *mexicana* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 118.  
1890 *Onychotria mexicana* – Herrera, Naturaleza, 1: 330.  
1892 *Chelopus mexicanus* – Velasco, Geograf. estadist. Republ. Mexicana, 12: 79.  
1893 *Terrapene mexicana* – Baur, Amer. Natural., 27: 677.  
1933 *Terrapene goldmani* Stejneger, Proc. Biol. Soc. Washington, 46: 119. – Type locality: Chijol or Chijoles, southeastern corner of San Luis Potosí, Mexico.  
1950 *Terrapene mexicana mexicana* – Smith & Taylor, Bull. U.S. Nat. Mus., 119: 34.  
1967 *Terrapene carolina mexicana* – Milstead, Copeia, 1967: 168.  
1973 *Terrapene mexicana mexicana* – Nietzke, Terrarien-Tiere, 1: 371.

**Distribution:** Northeastern Mexico (southwestern Tamaulipas, northeastern San Luis Potosí and northern Veracruz).

#### *Terrapene carolina triunguis* (Agassiz, 1857)

- 1857 *Cistudo triunguis* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 279; 2: plate 7: figs 15–16. – Type locality: New Orleans, Louisiana.  
1892 *Cistudo carolina* var. *triunguis* – Garman, Bull. Illinois Lab. Natur. Hist., 3: 219.  
1893 *Terrapene triunguis* – Baur, Amer. Natural., 27: 678.  
1895 *Onychotria triunguis* – Cope, Amer. Natural., 29: 757.  
1910 *Terrapene carolina triunguis* – Strecker, Proc. Biol. Soc. Washington, 23: 121.  
1916 *Terrapene whitneyi* Hay, Bull. Univ. Texas, 71: 8. – Type locality: Austin, Travis Co., Texas, post-Wisconsin gravels (Pleistocene).  
1920 *Terrapene bulverde* Hay, Proc. U.S. Nat. Mus., 58: 133. – Type locality: unknown (Pleistocene).  
1924 *Terrapene impressa* Hay, Carnegie Inst. Washington Publ., 322A: 245. – Type locality: Munson's Shoals, 2 or 3 miles below Pittbridge, Texas (Pleistocene).  
1953 *Terrapene llanensis* Oelrich, Copeia, 1953: 35; fig. 1; plate 1. – Type locality: Sangaman, tributary of Shorts Creek, Lone Tree Arroyo, Meade Co., Kansas (Late Pleistocene).

**Distribution:** South-central U.S.A. (Missouri south to Alabama and Texas).

#### *Terrapene carolina yucatana* (Boulenger, 1895)

- 1895 *Cistudo yucatana* Boulenger, Ann. Mag. Natur. Hist., (6) 15: 330. – Restricted type locality (Smith & Taylor 1950): Chichen Itzá, Yucatán, Mexico.  
1909 *Terrapene yucatana* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 492.  
1939 *Terrapene mexicana yucatana* – Smith, Field. Mus. Natur. Hist., Zool., 24: 17.  
1967 *Terrapene carolina yucatana* – Milstead, Copeia, 1967: 168.  
1973 *Terrapene mexicana yucatana* Nietzke (ex errore), Terrarien-Tiere, 1: 371.

**Distribution:** Yucatán Peninsula, Mexico (states of Campeche, Quintana Roo, and Yucatán).

***Terrapene coahuila*** Schmidt & Owens, 1944

- 1944 *Terrapene coahuila* Schmidt & Owens, Field. Mus. Natur. Hist., Zool., 29: 101. – Type locality: Cuatro Ciénegas, Coahuila.
- 1955 *Terrapene ornata coahuila* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1960 *Terrapene coahuilae* Milstead (ex errore), Southwest. Natural., 5: 80.
- 1969 *Terrapene coahuilia* Milstead (ex errore), Bull. Florida St. Mus. Biol. Sci., 14: 4.
- 1973 *Terapene coahuila* – Nietzke, Terrarien-Tiere, 1: 371.
- 1977 *Terrepene coahuila* – Morafka, Biogeographica, 9: 258.
- 1977 *Terrepene coahuilae* – Morafka, Biogeographica, 9: 147.
- 2002 *Terrapene cohauila* Ferri (ex errore), Turtles & Tortoises: 38.

Distribution: Cuatro Ciénegas Basin, Coahuila, Mexico.

***Terrapene nelsoni*** Stejneger, 1925

Distribution: Northwestern Mexico.

***Terrapene nelsoni nelsoni*** Stejneger, 1925

- 1925 *Terrapene nelsoni* Stejneger, J. Washington Acad. Sci., 15: 463. – Type locality: Pedro Pablo, Tepic, Nayarit, Mexico.
- 1955 *Terrapene nelsoni nelsoni* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1971 *Terrepene nelsoni* – Pawley, Bull. Chicago Herpetol. Soc., 6: 40.
- 1973 *Terapene nelsoni* – Nietzke, Terrarien-Tiere, 1: 371.

Distribution: Northwestern Mexico (only known from type locality).

***Terrapene nelsoni klauberi*** Bogert, 1943

- 1943 *Terrapene klauberi* Bogert, Amer. Mus. Novit., 1226: 2; figs 1–13. – Type locality: Rancho Guirocoba, approximately 18 miles southeast Alamos, Sonora, Mexico.
- 1955 *Terrapene nelsoni klauberi* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1973 *Terapene klauberi* – Nietzke, Terrarien-Tiere, 1: 371.

Distribution: Northwestern Mexico (southwestern Sonora and near Terreros in northwestern Sinaloa).

***Terrapene ornata*** (Agassiz, 1857)

Distribution: South-central and southwestern U.S.A. and adjacent Mexico.

***Terrapene ornata ornata*** (Agassiz, 1857)

- 1857 *Cistudo ornata* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392; 2: plate 3: figs 12–13. – Restricted type locality (Smith & Taylor 1950): Council Bluffs, Iowa.
- 1891 *Terrapene ornata* – Baur, Science, 17: 191.
- 1894 *Terrapene ornata* var. *cimarronensis* Cragin, Colorado Coll. Stud., 5: 37. – Type locality: Red Beds of Cimarron Basin, Oklahoma.
- 1909 *Terrapene [ornata] ornata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 493.
- 1939 *Terrepene ornata* – Slevin, Handb. Rept. Amphib. Pacific States: 30.
- 1969 *Terrapene carolina ornata* – Nietzke, Terrarien-Tiere, 1: 90.

**Distribution:** South-central U.S.A. (from western Indiana and eastern Wyoming south to southwestern Louisiana and eastern New Mexico).

*Terrapene ornata luteola* Smith & Ramsey, 1952

1952 *Terrapene ornata luteola* Smith & Ramsey, Wasman J. Biol., 10: 45; plate 1. – Type locality: 17 miles south of Van Horn, Culberson Co., Texas.

**Distribution:** Southwestern U.S.A. and adjacent Mexico (from the Trans-Pecos region of Texas and southeastern Arizona south into northeastern Sonora and northern Chihuahua, Mexico).

***Trachemys* Agassiz, 1857**

- 1857 *Trachemys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Subsequently designated type species (Lindholm 1929): *Trachemys troostii* (Holbrook, 1836) = *Trachemys scripta troostii* (Holbrook, 1836).
- 1863 *Callichelys* Gray, Ann. Mag. Natur. Hist., (3) 12: 181. – Subsequently designated type species (Lindholm 1929): *Callichelys ornata* (Gray, 1831) = *Trachemys ornata* (Gray, 1831).
- 1863 *Calliclemys* Gray (ex errore), Ann. Mag. Natur. Hist., (3) 12: 182.
- 1870 *Redamia* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 35. – Type species (by monotypy): *Redamia olivacea* (Gray, 1856) = *Trachemys stejnegeri stejnegeri* (Schmidt, 1928)?

***Trachemys adiutrix* Vanzolini, 1995**

- 1995 *Trachemys adiutrix* Vanzolini, Rev. Brasil. Biol., 55: 111; figs pp. 113–114. – Type locality: Santo Amaro (2°33'S 43°14'W), Maranhão, Brazil.
- 1996 *Trachemys adiutrix* Baillie & Groombridge (ex errore), IUCN Red List Threat. Animals: 64.

**Distribution:** Only known from its type locality.

**Comment:** According to the figures in the original description, *Trachemys adiutrix* Vanzolini, 1995 could represent a naturally isolated or introduced population of *T. dorbigni* (Duméril & Bibron, 1835).

***Trachemys callirostris* (Gray, 1856)**

**Distribution:** Northern Colombia; northwestern Venezuela.

***Trachemys callirostris callirostris* (Gray, 1856)**

- 1856 *Emys callirostris* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 25; plate 12b. – Restricted type locality (Müller 1940): lower Río Magdalena, Colombia.
- 1856 *Emys callorostris* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: plate 12b.
- 1863 *Callichelys callirostris* – Gray, Ann. Mag. Natur. Hist., (3) 12: 181.
- 1887 *Pseudemys callirostris* – Cope, Bull. U.S. Nat. Mus., 32: 22.
- 1889 *Chrysemys ornata* var. *callirostris* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 82.
- 1956 *Pseudemys scripta callirostris* – Williams, Bull. Mus. Comp. Zool., 115: 145.
- 1961 *Pseudemys ornata callirostris* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: vii.
- 1967 *Chrysemys callirostris* – Weaver & Rose, Tulane Stud. Zool., 14: 63.
- 1967 *Chrysemys scripta callirostris* – Weaver & Rose, Tulane Stud. Zool., 14: 63.

- 1985 *Trachemys scripta callirostris* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1990 *Trachemys callirostris* – Seidel & Jackson in Gibbons, Life Histor. Ecol. Slider Turtle: 73.  
 1993 *Trachemys ascita callirostris* Tafur & Tapias (species name ex errore), Proc. 3rd Congr. Lat.-Amer. Herpetol. San Paulo: 208.  
 1995 *Trachemys ornata callirostris* – Vanzolini, Rev. Brasil. Biol., 55: 116.  
 1996 *Trachemys dorbigni callirostris* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 473.  
 2002 *Trachemys callirostris callirostris* – Seidel, J. Herpetol., 36: 289.

**Distribution:** Northern Colombia (Antióquia, Atlántico, Bolívar, César, Córdoba, Guajira, Magdalena) and adjacent Venezuela (Edo. Zulia).

*Trachemys callirostris chichiriviche* (Pritchard & Trebbau, 1984)

- 1984 *Pseudemys scripta chichiriviche* Pritchard & Trebbau, Turtles of Venezuela: 8; fig. 33; plates 15, 37B–G, 38A–D. – Type locality: Lago de Tacarigua (11°04'N 68°15'W), Edo. Falcón, Venezuela.  
 1985 *Trachemys scripta chichiriviche* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1995 *Trachemys ornata chichiriviche* – Vanzolini, Rev. Brasil. Biol., 55: 116.  
 2002 *Trachemys callirostris chichiriviche* – Seidel, J. Herpetol., 36: 289.

**Distribution:** Northwestern Venezuela (small coastal river systems between Río Tocuyo, Edo. Falcón, and Río Morón, Edo. Carabobo).

*Trachemys decorata* (Barbour & Carr, 1940)

- 1940 *Pseudemys decorata* Barbour & Carr, Mem. Mus. Comp. Zool., 54: 409; plate 2: fig. 1, plate 7: fig. 3, plate 9: figs 3–4. – Type locality: Fond Parisien, Haiti.  
 1955 *Pseudemys terrapen decorata* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.  
 1964 *Chrysemys (Trachemys) decorata* – McDowell, Proc. Zool. Soc. London, 143: 274.  
 1983 *Chrysemys terrapen decorata* – Obst, Schmuckschildkröten: 7.  
 1984 *Trachemys decorata* – Seidel & Incháustegui, J. Herpetol., 18: 468.  
 1985 *Trachemys stejnegeri decorata* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.

**Distribution:** Cul de Sac-Valle de Neiba Plain, Tiburon Peninsula, Haiti and Dominican Republic (Hispaniola).

*Trachemys decussata* (Gray, 1831)

**Distribution:** Cuba, Isla de Pinos, Cayman Islands.

*Trachemys decussata decussata* (Gray, 1831)

- 1802 ? *Testudo rugosa* Shaw [non *Testudo rugosa* Daudin, 1801 = *Chelonia mydas* (Linnaeus, 1758); non *Testudo rugosa* sensu Agassiz 1857 = *Ptychemys rugosa* sensu Agassiz 1857 = *Pseudemys rubriventris* (LeConte, 1830)], Gen. Zool. Syst. Natur. Hist., 3: 28; plate 4. – Designated type locality (Mittleman 1947): Río Jobabo, Western Oriente, Cuba (but see Seidel 1988a, b).  
 1831 *Emys decussata* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 11. – Restricted type locality (Mertens & Wermuth 1955): West Indies.  
 1831 ? *Emys rugosa* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 12.  
 1844 *Emys vermiculata* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 25. – Restricted type locality (Mertens & Wermuth 1955): West Indies.

- 1857 *Ptychemys decussata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 434.  
 1857 *Trachemys rugosa* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 436.  
 1861 *Emys jamao* Duméril (nomen nudum), Arch. Mus. Hist. natur., 10: 435.  
 1862 *Clemmys decussata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1862 ? *Clemmys rugosa* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1868 *Emys gnatho* Vilaró in Poey, Repert. fis.-natur. Cuba, 2: 121. – Type locality: Cuba.  
 1868 *Emys jamao* Vilaró in Poey, Repert. fis.-natur. Cuba, 2: 121. – Type locality: Havana, Cuba.  
 1870 *Pseudemys decussata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 47.  
 1889 ? *Chrysemys scripta* var. *rugosa* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 79.  
 1932 ? *Pseudemys rugosa* – de Sola & Greenhall, Copeia, 1932: 129.  
 1940 *Pseudemys decussata decussata* – Barbour & Carr, Mem. Mus. Comp. Zool., 54: 396.  
 1940 *Pseudemys decussata plana* Barbour & Carr, Mem. Mus. Comp. Zool., 54: 405; fig. 3; plate 5, plate 8: figs 1, 3, 8. – Type locality: Río Jobabo, Western Oriente, Cuba.  
 1947 *Pseudemys rugosa decussata* – Mittleman, Herpetologica, 3: 176.  
 1947 *Pseudemys rugosa rugosa* – Mittleman, Herpetologica, 3: 176.  
 1955 *Pseudemys terrapen decussata* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1955 *Pseudemys terrapen plana* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1961 *Pseudemys terrapen rugosa* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: vii.  
 1964 *Chrysemys (Trachemys) decussata* – McDowell, Proc. Zool. Soc. London, 143: 274.  
 1975 *Chrysemys decussata decussata* – Schwartz & Thomas, Check-List West Ind. Amphib. Rept.: 47.  
 1983 *Chrysemys terrapen decussata* – Obst, Schmuckschildkröten: 7.  
 1983 *Chrysemys terrapen plana* – Obst, Schmuckschildkröten: 7.  
 1984 *Trachemys decussata* – Seidel & Incháustegui, J. Herpetol., 18: 468.  
 1985 *Chrysemys terrapen rugosa* – Obst, Welt der Schildkröten: 221.  
 1985 *Trachemys decussata decussata* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1985 *Trachemys decussata plana* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1995 *Trachemys terrapen rugosa* – Vanzolini, Rev. Brasil. Biol., 55: 117.

Distribution: Central and eastern Cuba.

#### *Trachemys decussata angusta* (Barbour & Carr, 1940)

- 1940 *Pseudemys decussata angusta* Barbour & Carr, Mem. Mus. Comp. Zool., 54: 402; fig. 2. – Type locality: Taco River, Pinar del Rio, Cuba.  
 1941 *Pseudemys granti* Barbour & Carr, Proc. New England Zool. Club, 18: 59. – Type locality: Grand Cayman Island.  
 1947 *Pseudemys rugosa angusta* – Mittleman, Herpetologica, 3: 176.  
 1955 *Pseudemys terrapen angusta* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.  
 1955 *Pseudemys terrapen granti* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1956 *Pseudemys decussata granti* – Williams, Bull. Mus. Comp. Zool., 115: 157.  
 1967 *Pseudemys stejnegeri granti* – Pritchard, Living Turtles of the World: 78.  
 1969 *Chrysemys terrapen granti* – Williams, Quart. Rev. Biol., 44: 369.  
 1975 *Chrysemys decussata granti* – Schwartz & Thomas, Check-List West Ind. Amphib. Rept.: 47.  
 1983 *Chrysemys terrapen angusta* – Obst, Schmuckschildkröten: 7.  
 1985 *Trachemys decussata angusta* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1985 *Trachemys decussata granti* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1988 *Trachemys granti* – Seidel, Amer. Mus. Novit., 2918: 1.  
 1989 *Trachemys stejnegeri granti* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 43.  
 1993 *Trachemys decussata angusti* Franz, Dodd & Budden (ex errore), Carib. J. Sci., 29: 167.  
 1996 *Trachemys decorata angusta* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 475.

Distribution: Western Cuba, Isla de Pinos, Cayman Islands.



***Trachemys dorbigni* (Duméril & Bibron, 1835)**

- 1835 *Emys dorbigni* Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 272. – Type locality: Buenos Aires.
- 1835 *Clemmys (Rhinochelys) orbignyi* Fitzinger (nomen novum), *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 124.
- 1844 *Emys dorbignii* Gray (ex errore), *Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.*: 22.
- 1847 *Emys orbignyi* – d'Orbigny & Bibron, *Voyage Amer. mérid.*: plate 1.
- 1862 *Clemmys dorbignii* – Strauch, *Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7)*: 33.
- 1886 *Clemmys dorbignyi* Boulenger (nomen novum), *Ann. Mag. Natur. Hist.*, (5) 18: 424.
- 1889 *Chrysemys dorbignyi* – Boulenger, *Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.)*: viii.
- 1909 *Emys dorbignyi* – Siebenrock, *Zool. Jb., Syst., Suppl.* 10: 465.
- 1934 *Pseudemys dorbigni* – Mertens, Müller & Rust, *Bl. Aqu.- u. Terr.-Kunde*, 45: 60.
- 1964 *Chrysemys (Trachemys) dorbigni* – McDowell, *Proc. Zool. Soc. London*, 143: 274.
- 1967 *Pseudemys dorbignyi* – Pritchard, *Living Turtles of the World*: 80.
- 1969 *Pseudemys dorbignyi brasiliensis* Freiberg, *Physis*, 77: 301; figs 2–15. – Type locality: Rio Guaíba, Rio Grande do Sul.
- 1969 *Pseudemys dorbignyi dorbignyi* – Freiberg, *Physis*, 77: 308.
- 1971 *Pseudemys scripta dorbigni* – Moll & Legler, *Bull. Los Angeles Co. Mus. Natur. Hist. Sci.*, 11: 4.
- 1977 *Pseudemys dorbigni brasiliensis* – Wermuth & Mertens, *Testud., Crocod., Rhynchoceph., Tierreich*, 100: xiv.
- 1977 *Pseudemys dorbigni dorbigni* – Wermuth & Mertens, *Testud., Crocod., Rhynchoceph., Tierreich*, 100: xvii.
- 1979 *Pseudemys dorbignyi* Moll in Harless & Morlock (ex errore), *Turtles, Perspectives & Research*: 324.
- 1979 *Pseudemys scripta dorbignyi* – Pritchard, *Encyclopedia of Turtles*: 108.
- 1980 *Pseudemys scripta brasiliensis* – Smith & Smith, *Synops. Herpetof. Mexico*, 6, 1979: 451.
- 1980 *Chrysemys scripta dorbignyi* – Mittermeier, Medem & Rhodin, *SSAR Misc. Publ., Herpetol. Circ.*, 9: 9.
- 1981 *Chrysemys dorbigni brasiliensis* – Freiberg, *Turtles of South America*: 14.
- 1981 *Chrysemys dorbigni dorbigni* – Freiberg, *Turtles of South America*: 14.
- 1983 *Chrysemys scripta brasiliensis* – Obst, *Schmuckschildkröten*: 7.
- 1983 *Chrysemys scripta dorbigni* – Obst, *Schmuckschildkröten*: 7.
- 1985 *Trachemys scripta brasiliensis* – Iverson, *SSAR Misc. Publ., Herpetol. Circ.*, 14: 4.
- 1985 *Trachemys scripta dorbigni* – Iverson, *SSAR Misc. Publ., Herpetol. Circ.*, 14: 4.
- 1987 *Trachemys scripta dorbignyi* – Waller & Chebez, *Hist. Nat. Corrientes*, 7 (5): 53.
- 1988 *Trachemys dorbignyi* – Alderton, *Turtles Tort. World*: 105.
- 1988 *Trachemys dorbigni* – Waller, *Amphibia y Reptilia (Conservación)*, 1 (5): 93.
- 1989 *Trachemys dorbigni brasiliensis* – Ernst & Barbour, *Turtles of the World*: 209.
- 1989 *Trachemys dorbigni dorbigni* – Ernst & Barbour, *Turtles of the World*: 209.
- 1993 *Trachemys dorbignyi brasiliensis* – del Barco & Larriera, *Rvta. Asoc. Cienc. Nat. Litoral*, 22 (2), 1991: 11.
- 1993 *Trachemys dorbignyi dorbignyi* – del Barco & Larriera, *Rvta. Asoc. Cienc. Nat. Litoral*, 22 (2), 1991: 11.
- 2003 *Trachemys dorbignii brasiliensis* – Bour, *Manouria*, 6 (18): 3.
- 2003 *Trachemys dorbignii dorbignii* – Bour, *Manouria*, 6 (18): 3.
- 2004 *Trachemys dorbignyi* – Fabius, *Manouria*, 7 (25): 28.

**Distribution:** Northeastern Argentina, Uruguay, and Rio Grande do Sul, Brazil.

**Comment:** The long-recognized subspecies *Trachemys dorbigni dorbigni* (Duméril & Bibron, 1835) and *T. d. brasiliensis* (Freiberg, 1969) were synonymized by del Barco & Larriera (1993).

***Trachemys emolli* (Legler, 1990)**

- 1990 *Pseudemys scripta emolli* Legler in Gibbons, *Life Histor. Ecol. Slider Turtle*: 91; figs 7.6a–f. – Type locality: Río Tepeate, 2.5 km northeast of Granada, Granada Province, Nicaragua.
- 1992 *Trachemys scripta emolli* – Iverson, *Rev. Checkl. Distr. Maps Turtl. World*: 208.

- 1996 *Trachemys ornata emolli* – Walls, Cooters, Sliders & Painted Turtles: 51.  
 2002 *Trachemys emolli* – Seidel, J. Herpetol., 36: 289.  
 2003 *Trachemys venusta emolli* – Artner, Emys, 10 (6): xii.

**Distribution:** Nicaragua, northern Costa Rica (Lago de Nicaragua, Lago de Managua and vicinity of these lakes, extreme northern Costa Rica).

### *Trachemys gaigeae* (Hartweg, 1939)

**Distribution:** New Mexico and Texas, U.S.A.; Durango, Chihuahua, and Coahuila, Mexico.

### *Trachemys gaigeae gaigeae* (Hartweg, 1939)

- 1939 *Pseudemys scripta gaigeae* Hartweg, Occ. Pap. Mus. Zool. Univ. Michigan, 397: 1. – Type locality: Boquillas, Rio Grande River, Brewster Co., Texas.  
 1939 *Pseudemys gaigeae* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 165.  
 1957 *Pseudemys scripta gagei* Zweig & Crenshaw (ex errore), Science, 126: 1065.  
 1966 *Chrysemys scripta gaigeae* – Smith & Taylor, Herpetology Mexico: 11.  
 1967 *Pseudemys scripta gagei* Ernst (ex errore), Intern. Turtle Tort. Soc. J., 1: 35.  
 1967 *Chrysemys gaigeae* – Weaver & Rose, Tulane Stud. Zool., 14: 63.  
 1974 *Pseudemys scripta gaigea* Degenhardt & Christiansen (ex errore), Southwest. Natural., 19: 38.  
 1976 *Chrysemys gaigae* Ashton, Edwards & Pisani (ex errore), SSAR Misc. Publ., Herpetol. Circ., 5: 51.  
 1977 *Chrysemys gaigea* – Morafka, Biogeographica, 9: 70.  
 1977 *Chrysemys scripta gaigae* – Morafka, Biogeographica, 9: 71.  
 1984 *Trachemys nebulosa gaigeae* – Ward, Spec. Publ. Mus. Texas Tech. Univ., 21: 45.  
 1985 *Pseudemys scripta gaigae* – Stebbins, Field Guide Western Rept. Amphib., 2nd ed.: 102.  
 1985 *Trachemys scripta gaigeae* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1987 *Trachemys gaigeae* – Dixon, Amphib. Rept. Texas: 85.  
 1994 *Trachemys gaigae* – Williamson, Hyder & Applegarth, Snakes, Lizards, Turtles, Frogs, Toads, Salamanders of New Mexico: 7.  
 1996 *Trachemys ornata gaigeae* – Walls, Cooters, Sliders & Painted Turtles: 50.  
 2002 *Trachemys gaigeae gaigeae* – Seidel, J. Herpetol., 36: 289.  
 2003 *Trachemys scripta gaigae* – Gurley, Keep. Breed. Freshw. Turtl.: 104.  
 2004 *Trachemys nebulosa gaigae* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 36.

**Distribution:** New Mexico and Texas, U.S.A., Chihuahua and Coahuila, Mexico (Rio Grande from the Big Bend upstream to at least the Bosque del Apache Refuge, New Mexico, and Rio Conchos watershed of western Texas, New Mexico, Chihuahua, and Coahuila).

### *Trachemys gaigeae hartwegi* (Legler, 1990)

- 1980 *Pseudemys scripta hartwegi* Legler in Smith & Smith (nomen nudum), Synops. Herpetof. Mexico, 6, 1979: 1.  
 1983 *Chrysemys scripta hartwegi* – Obst, Schmuckschildkröten: 27.  
 1985 *Trachemys scripta hartwegi* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1990 *Pseudemys scripta hartwegi* Legler in Gibbons, Life Histor. Ecol. Slider Turtle: 89; figs 7.5a–b, d. – Type locality: Río Nazas, 1.2 km east of Presa Lázaro Cardenas, Durango, Mexico.  
 1992 *Trachemys scripta hartwegi* – Iverson, Rev. Checkl. Distr. Maps Turtl. World: 208.  
 1996 *Trachemys ornata hartwegi* – Walls, Cooters, Sliders & Painted Turtles: 50.  
 2001 *Trachemys nebulosa hartwegi* – Bringsøe in Fritz, Handbuch Rept. Amphib. Europas, 3/IIIA: 520.  
 2002 *Trachemys gaigeae hartwegi* – Seidel, J. Herpetol., 36: 289.

**Distribution:** Durango and Coahuila, Mexico (Río Nazas drainage).

***Trachemys nebulosa*** (Van Denburgh, 1895)

Distribution: Baja California Sur, extreme southern Sonora and adjacent Sinaloa, Mexico.

***Trachemys nebulosa nebulosa*** (Van Denburgh, 1895)

- 1895 *Chrysemys nebulosa* Van Denburgh, Proc. California Acad. Sci., (2) 5: 84; plates 4–6. – Restricted type locality (Smith & Taylor 1950): Los Dolores, Baja California Sur, Mexico.  
 1909 *Chrysemys ornata nebulosa* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 466.  
 1917 *Pseudemys ornata nebulosa* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 120.  
 1921 *Pseudemys nebulosa* – Van Denburgh & Slevin, Proc. California Acad. Sci., (4) 11: 53.  
 1942 *Pseudemys scripta nebulosa* – Carr, Amer. Mus. Novit., 1181: 1.  
 1966 *Chrysemys scripta nebulosa* – Smith & Taylor, Herpetology Mexico: 12.  
 1985 *Trachemys scripta nebulosa* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1996 *Trachemys dorbigni nebulosa* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 473.  
 1996 *Trachemys ornata nebulosa* – Walls, Cooters, Sliders & Painted Turtles: 50.  
 1999 *Trachemys nebulosa* – Wilms in Siebenrock, Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [198].  
 2001 *Trachemys nebulosa nebulosa* – Bringsøe in Fritz, Handbuch Rept. Amphib. Europas, 3/IIIA: 520.

Distribution: Baja California Sur, Mexico.

***Trachemys nebulosa hiltoni*** (Carr, 1942)

- 1942 *Pseudemys scripta hiltoni* Carr, Amer. Mus. Novit., 1181: 1; figs 1–3. – Type locality: Guirocoba, 28 miles southeast of Alamos, Sonora, Mexico.  
 1961 *Pseudemys concinna hiltoni* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: vii.  
 1966 *Chrysemys scripta hiltoni* – Smith & Taylor, Herpetology Mexico: 11.  
 1967 *Chrysemys gaigeae hiltoni* – Weaver & Rose, Tulane Stud. Zool., 14: 70.  
 1985 *Trachemys scripta hiltoni* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.  
 1996 *Trachemys ornata hiltoni* – Walls, Cooters, Sliders & Painted Turtles: 50.  
 2001 *Trachemys nebulosa hiltoni* – Bringsøe in Fritz, Handbuch Rept. Amphib. Europas, 3/IIIA: 520.

Distribution: Extreme southern Sonora and adjacent Sinaloa, Mexico (drainage system of Río Fuerte).

***Trachemys ornata*** (Gray, 1831)

- 1831 *Emys ornata* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 12. – Restricted type locality (Gray 1831a): Mazatlan, Sinaloa, Mexico.  
 1835 *Clemmys (Clemmys) ornata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1863 *Callichelys ornata* – Gray, Ann. Mag. Natur. Hist., (3) 12: 181.  
 1876 *Pseudemys ornata* – Cope, J. Acad. Natur. Sci. Philadelphia, (2) 8, 1875: 153.  
 1889 *Chrysemys ornata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1909 *Chrysemys [ornata] ornata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 465.  
 1934 *Pseudemys ornata ornata* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 60.  
 1938 *Pseudemys scripta ornata* – Carr, Herpetologica, 1: 135.  
 1956 *Pseudomys scripta ornata* – Malkin, J. Anthropol., 2: 179.  
 1966 *Chrysemys scripta ornata* – Smith & Taylor, Herpetology Mexico: 12.  
 1985 *Trachemys scripta ornata* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.  
 1989 *Trachemys ornata* – King & Burke, Crocod., Tuatara, Turtl. Spec. World: 61.  
 1996 *Trachemys ornata ornata* – Walls, Cooters, Sliders & Painted Turtles: 49.

Distribution: Pacific coastal plain of Mexico (below 300 m), from northern Sinaloa to central Oaxaca.

***Trachemys scripta*** (Schoepff, 1792)

**Distribution:** South-central and eastern U.S.A.; the subspecies *Trachemys scripta elegans* (Wied, 1839) has been introduced in many countries worldwide.

*Trachemys scripta scripta* (Schoepff, 1792)

- 1792 *Testudo scripta* Schoepff (nomen conservandum: Opinion 1313, ICZN 1985), Hist. Testud. Icon. illustr.: 16; plate 3: figs 4–5. – Designated type locality (Schmidt 1953): Charleston, South Carolina.
- 1801 *Testudo serrata* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 148. – Type locality: Carolina.
- 1812 *Emys scripta* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 297.
- 1812 *Emys serrata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 301.
- 1831 ? *Emys vittata* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 11. – Type locality: North America.
- 1831 *Terrapene serrata* – Bonaparte, Ann. Stor. Natur. Bologna, 4: 155.
- 1835 *Clemmys (Clemmys) serrata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1856 *Pseudemys serrata* – Gray, Proc. Zool. Soc. London, 1855: 197.
- 1863 *Trachemys scripta* – Gray, Ann. Mag. Natur. Hist., (3) 12: 181.
- 1889 *Chrysemys scripta* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1899 *Pseudemys scripta* – Jordan, Man. Vertebr. Anim. U.S., 8th ed.: 209.
- 1909 *Chrysemys [scripta] scripta* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 463.
- 1929 *Chrysemys palustris scripta* – Lindholm, Zool. Anz., 81: 294.
- 1937 *Pseudemys scripta scripta* – Carr, Herpetologica, 1: 76.
- 1976 *Chrysemys scripta scripta* Zappalorti (ex errore), Amateur Zool. Guide Turtl. Crocod.: 141.
- 1979 *Pseudemys scripta* Nutaphand (ex errore), Turtles of Thailand: 65.
- 1985 *Trachemys scripta scripta* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.

**Distribution:** Eastern U.S.A. (from southeastern Virginia to northern Florida).

*Trachemys scripta elegans* (Wied, 1839)

- 1839 *Emys elegans* Wied, Reise Nord-Amer., 1: 213. – Type locality: Fox River near New Harmony, Indiana.
- 1844 *Emys holbrookii* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 23. – Type locality: Louisiana.
- 1856 *Emys sanguinolenta* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 26; plate 15: fig. 1. – Type locality: North America.
- 1857 *Trachemys elegans* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1862 *Clemmys elegans* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1863 *Trachemys holbrooki* Gray (ex errore), Ann. Mag. Natur. Hist., (3) 12: 181.
- 1869 *Trachemys holbrookii* – Gray, Proc. Zool. Soc. London, 1869: 207.
- 1873 *Trachemys lineata* Gray, Ann. Mag. Natur. Hist., (4) 11: 147. – Restricted type locality (Schmidt 1953): New Harmony, Indiana.
- 1875 *Pseudemys elegans* – Cope, Bull. U.S. Nat. Mus., 1: 53.
- 1889 *Chrysemys elegans* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 78.
- 1889 *Chrysemys scripta* var. *elegans* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 78.
- 1929 *Chrysemys palustris elegans* – Lindholm, Zool. Anz., 81: 294.
- 1939 *Pseudemys troostii elegans* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 167.
- 1944 *Pseudemys scripta elegans* – Cagle, Copeia, 1944: 105.
- 1985 *Trachemys scripta elegans* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.
- 2002 *Trachemys scripta elagans* Fong, Parham & Fu (ex errore), Russ. J. Herpetol., 9: 11.
- 2002 *Trachemys scripta elgans* Fong, Parham & Fu (ex errore), Russ. J. Herpetol., 9: 11.
- 2002 *Trachemys scripta elegans* Win Maung & Win Ko Ko (ex errore), Turtles & Tortoises of Myanmar: 80.

**Distribution:** South-central U.S.A. (Mississippi Valley from Illinois to the Gulf of Mexico); introduced in many countries worldwide.

*Trachemys scripta troostii* (Holbrook, 1836)

- 1836 *Emys troostii* Holbrook, North Amer. Herpetol., 1st ed., 1: 55; plate 4. – Type locality: Cumberland River, Tennessee.
- 1840 *Emys cumberlandensis* Holbrook, North Amer. Herpetol., 1st ed., 4: 35; plate 8. – Type locality: Cumberland River, Tennessee.
- 1857 *Trachemys troostii* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252.
- 1862 *Clemmys troostii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1875 *Pseudemys troostii* – Cope, Bull. U.S. Nat. Mus., 1: 53.
- 1889 *Chrysemys troostii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1915 *Pseudemys troosti* Zeleny & Faust (ex errore), Proc. Nat. Acad. Sci., 1915: 92.
- 1937 *Pseudemys scripta troostii* – Carr, Herpetologica, 1: 76.
- 1939 *Pseudemys troostii troostii* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 167.
- 1950 *Pseudemys scripta troosti* – Williams, Bull. Amer. Mus. Natur. Hist., 94: 524.
- 1967 *Chrysemys scripta troosti* – Weaver & Rose, Tulane Stud. Zool., 14: 63.
- 1972 *Chrysemys scripta troostii* – Ernst & Barbour, Turtles of the United States: 148.
- 1985 *Trachemys scripta troosti* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1986 *Trachemys scripta troostii* – Iverson, Checkl. Distr. Maps Turtl. World: 107.

**Distribution:** Upper parts of Cumberland and Tennessee Rivers, from southeastern Kentucky to northeastern Alabama, U.S.A.

**Comment:** In much of the older literature *Trachemys scripta elegans* (Wied, 1839) and *T. s. troostii* (Holbrook, 1836) were confused.

*Trachemys stejnegeri* (Schmidt, 1928)

**Distribution:** Puerto Rico, northern and eastern Hispaniola and Great Inagua Island, Bahamas.

*Trachemys stejnegeri stejnegeri* (Schmidt, 1928)

- 1856 ? *Emys olivacea* Gray [non *Emys olivacea* Schweigger, 1812 = *Pelomedusa subrufa* (Lacépède, 1788)], Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 30; plate 12c. – Type locality: “North America?” (in error).
- 1862 ? *Clemmys olivacea* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1870 ? *Redamia olivacea* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 36.
- 1889 ? *Chrysemys olivacea* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1928 *Pseudemys stejnegeri* Schmidt, Sci. Surv. Porto Rico, New York Acad. Sci., 10: 147; fig. 51. – Type locality: San Juan, Puerto Rico.
- 1934 *Pseudemys palustris stejnegeri* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 60.
- 1940 *Pseudemys stejnegeri stejnegeri* – Barbour & Carr, Mem. Mus. Comp. Zool., 54: 406.
- 1955 *Pseudemys terrapen stejnegeri* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1956 *Pseudemys decussata stejnegeri* – Williams, Bull. Mus. Comp. Zool., 115: 157.
- 1975 *Chrysemys decussata stejnegeri* – Schwartz & Thomas, Check-List West Ind. Amphib. Rept.: 47.
- 1976 *Chrysemys stejnegeri* – Bickham & Baker, Copeia, 1976: 703.
- 1983 *Chrysemys terrapen stejnegeri* – Obst, Schmuckschildkröten: 7.
- 1984 *Trachemys stejnegeri* – Seidel & Incháustegui, J. Herpetol., 18: 468.
- 1985 *Trachemys stejnegeri stejnegeri* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.

**Distribution:** Puerto Rico.

*Trachemys stejnegeri malonei* (Barbour & Carr, 1938)

- 1938 *Pseudemys malonei* Barbour & Carr, Proc. New England Zool. Club, 17: 76. – Type locality: ponds near Northwest Point, Great Inagua Island.
- 1939 *Pseudemys palustris malonei* – Mertens, Abh. Senckenb. naturforsch. Ges., 449: 39.
- 1955 *Pseudemys terrapen malonei* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1968 *Chrysemys malonei* – Schwartz, Ann. Carnegie Mus., 39: 260.
- 1983 *Chrysemys terrapen malonei* – Obst, Schmuckschildkröten: 7.
- 1985 *Trachemys stejnegeri malonei* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1987 *Trachemys malonei* – Seidel & Adkins, Copeia, 1987: 485.

Distribution: Great Inagua Island, Bahamas.

*Trachemys stejnegeri vicina* (Barbour & Carr, 1940)

- 1940 *Pseudemys vicina* Barbour & Carr, Mem. Mus. Comp. Zool., 54: 408. – Type locality: Sanchez, San Domingo.
- 1940 *Pseudemys stejnegeri vicina* – Barbour & Carr, Mem. Mus. Comp. Zool., 54: 408.
- 1955 *Pseudemys terrapen vicina* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1956 *Pseudemys decussata vicina* – Williams, Bull. Mus. Comp. Zool., 115: 157.
- 1975 *Chrysemys decussata vicina* – Schwartz & Thomas, Check-List West Ind. Amphib. Rept.: 48.
- 1976 *Chrysemys stejnegeri vicina* – Bickham & Baker, Copeia, 1976: 703.
- 1983 *Chrysemys terrapen vicina* – Obst, Schmuckschildkröten: 7.
- 1984 *Trachemys stejnegeri vicina* – Seidel & Incháustegui, J. Herpetol., 18: 468.
- 1993 *Chrysemys terrapen vicina* Gostawski & Hryniewicz (ex errore), Żółwie: 74.

Distribution: Northern and eastern Hispaniola.

*Trachemys taylori* (Legler, 1960)

- 1960 *Pseudemys scripta taylori* Legler, Univ. Kansas Publ., Mus. Natur. Hist., 13: 75; figs 1–2; plates 9–11, plate 12: fig. (bottom right). – Type locality: 16 km south of Cuatro Ciénegas, Coahuila, Mexico.
- 1966 *Chrysemys scripta taylori* – Smith & Taylor, Herpetology Mexico: 12.
- 1967 *Chrysemys gageae taylori* – Weaver & Rose, Tulane Stud. Zool., 14: 70.
- 1967 *Chrysemys taylori* – Weaver & Rose, Tulane Stud. Zool., 14: 71.
- 1985 *Trachemys scripta taylori* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1995 *Trachemys nebulosa taylori* – Fritz, Herpetofauna, 17 (95): 19.
- 1996 *Trachemys ornata taylori* – Walls, Cooters, Sliders & Painted Turtles: 50.
- 2002 *Trachemys taylori* – Seidel, J. Herpetol., 36: 289.

Distribution: Cuatro Ciénegas Basin, Coahuila, Mexico.

*Trachemys terrapen* (Lacépède, 1788)

- 1788 *Testudo terrapen* Lacépède, Hist. natur. Quadrup. ovip., 1 (Synops. method.): 129. – Type locality: Jamaica.
- 1789 *Testudo palustris* Gmelin in Linnaeus [non *Testudo palustris* sensu LeConte 1830 = *Emys palustris* sensu DeKay 1842 = *Malacoclemmys palustris* sensu Agassiz 1857 = *Malaclemys terrapin terrapin* (Schoepff, 1793)], Syst. Natur., Ed. 13, 1: 1041. – Type locality: Jamaica.
- 1798 *Testudo fasciata* Suckow [non *Testudo fasciata* Daudin, 1801 = *Homopus areolatus* (Thunberg, 1787)], Anfangsgr. Naturgesch. Thiere, 3: 40. – Designated type locality (Seidel 1988c): Jamaica.

- 1802 ? *Testudo rugosa* Shaw [non *Testudo rugosa* Daudin, 1801 = *Chelonia mydas* (Linnaeus, 1758); non *Testudo rugosa* sensu Agassiz 1857 = *Ptychemys rugosa* sensu Agassiz 1857 = *Pseudemys rubriventris* (LeConte, 1830)], Gen. Zool. Syst. Natur. Hist., 3: 28; plate 4. – Type locality: Designated type locality (Mittleman 1947): Río Jobabo, Western Oriente, Cuba (but see Seidel 1988a, b).
- 1831 ? *Emys rugosa* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 12.
- 1831 *Emys rugosa* var. *livida* Gray, Synops. Rept., 1 (Cataphracta): 30. – Type locality: unknown.
- 1862 *Clemmys rugosa* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1889 ? *Chrysemys scripta* var. *rugosa* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 79.
- 1893 *Trachemys palustris* – Baur, Amer. Natural., 27: 776.
- 1904 *Pseudemys palustris* – Stejneger, Rep. U.S. Nat. Mus., 1902: 710.
- 1909 *Chrysemys scripta palustris* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 464.
- 1932 ? *Pseudemys rugosa* – de Sola & Greenhall, Copeia, 1932: 129.
- 1934 *Pseudemys palustris palustris* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 60.
- 1935 *Pseudemys felis* Barbour, Occ. Pap. Boston Soc. Natur. Hist., 8: 205. – Type locality: Tea Bay, Cat Island.
- 1939 *Pseudemys palustris felis* – Mertens, Abh. Senckenb. naturforsch. Ges., 449: 39.
- 1940 *Pseudemys terrapen* – Barbour & Carr, Mem. Mus. Comp. Zool., 54: 391.
- 1955 *Pseudemys terrapen felis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Pseudemys terrapen terrapen* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.
- 1964 *Chrysemys (Trachemys) terrapen* – McDowell, Proc. Zool. Soc. London, 143: 274.
- 1967 *Chrysemys terrapin* Weaver & Rose (ex errore), Tulane Stud. Zool., 14: 68.
- 1968 *Chrysemys decussata felis* – Schwartz, Ann. Carnegie Mus., 39: 259.
- 1968 *Chrysemys felis* – Schwartz, Ann. Carnegie Mus., 39: 259.
- 1983 *Chrysemys terrapen felis* – Obst, Schmuckschildkröten: 7.
- 1983 *Chrysemys terrapen terrapen* – Obst, Schmuckschildkröten: 7.
- 1984 *Trachemys terrapen* – Seidel & Incháustegui, J. Herpetol., 18: 468.
- 1985 *Trachemys terrapen felis* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1985 *Trachemys terrapen terrapen* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1987 *Trachemys felis* – Seidel & Adkins, Copeia, 1987: 485.

Distribution: Jamaica.

### ***Trachemys venusta*** (Gray, 1856)

Distribution: Mexico to Honduras.

### *Trachemys venusta venusta* (Gray, 1856)

- 1856 *Emys venusta* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 24; plate 12a. – Restricted type locality (Smith & Smith 1980): Honduras.
- 1860 *Emys valida* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 11, 1859: 7. – Designated type locality (Smith & Taylor 1950): Honduras.
- 1862 *Clemmys valida* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1863 *Callichelys venusta* – Gray, Ann. Mag. Natur. Hist., (3) 12: 181.
- 1885 *Emys (Clemmys) salvini* Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 4; plates 2–3. – Type locality: Guatemala.
- 1887 *Pseudemys salvini* – Cope, Bull. U.S. Nat. Mus., 32: 22.
- 1971 *Emys valida* – Malnate, Proc. Acad. Natur. Sci. Philadelphia, 123: 354.
- 1971 *Pseudemys scripta venusta* – Moll & Legler, Bull. Los Angeles Co. Mus. Natur. Hist. Sci., 11: 3.
- 1975 *Chrysemys scripta venusta* – Henderson & Hoovers, Milwaukee Public Mus., Contrib. Biol. Geol., 5: 55.
- 1985 *Trachemys scripta venusta* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1996 *Trachemys ornata venusta* – Walls, Cooters, Sliders & Painted Turtles: 50.
- 2002 *Trachemys venusta venusta* – Seidel, J. Herpetol., 36: 289.

**Distribution:** Atlantic and Gulf drainages, from vicinity and latitude of the city of Veracruz, Mexico, southwards through Honduras.

*Trachemys venusta cataspila* (Günther, 1885)

- 1856 *Emys ventricosa* Gray (nomen suppressum et reiectum: Opinion 1313, ICZN 1985), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 28; plate 14. – Restricted type locality (Smith & Smith 1980): southern half of the state of Tamaulipas, Mexico.
- 1870 *Pseudemys ventricosa* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 47.
- 1885 *Emys (Clemmys) cataspila* Günther in Godman & Salvin (nomen conservandum: Opinion 1313, ICZN 1985), Biol. Centr. Amer., Rept.: 4; plate 6: fig. B. – Restricted type locality (Smith & Smith 1980): Tampico, Tamaulipas.
- 1887 *Pseudemys cataspila* – Cope, Bull. U.S. Nat. Mus., 32: 22.
- 1889 *Chrysemys ornata* var. *cataspila* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 82.
- 1938 *Pseudemys scripta cataspila* – Carr, Herpetologica, 1: 135.
- 1955 *Pseudemys ornata cataspila* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.
- 1975 *Chrysemys scripta cataspila* – Smith & Smith, Chelonia, 2 (3): 5.
- 1985 *Trachemys scripta cataspila* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.
- 1995 *Trachemys ornata cataspila* – Fritz, Herpetofauna, 17 (95): 19.
- 2002 *Trachemys venusta cataspila* – Seidel, J. Herpetol., 36: 289.

**Distribution:** Gulf Coastal Plain from northern Tamaulipas to the vicinity of Punta del Morro, Veracruz (Mexico).

*Trachemys venusta grayi* (Bocourt, 1868)

- 1868 *Emys grayi* Bocourt (non *Emys grayi* Günther, 1869 = *Mauremys caspica siebenrocki* Wischuf & Fritz, 1997), Ann. Sci. natur., (5) 10: 121. – Type locality: Río Nagualate, Guatemala.
- 1870 *Callichelys grayii* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 49.
- 1876 *Emys umbra* Bocourt (nomen novum pro *Emys grayi* Bocourt, 1868), J. Zool. Paris, 5: 411.
- 1887 *Pseudemys umbra* – Cope, Bull. U.S. Nat. Mus., 32: 22.
- 1889 *Callichelys grayi* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 82.
- 1889 *Chrysemys grayi* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1890 *Clemmys umbra* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 78.
- 1927 *Emys gray* Galindo y Villa (ex errore), Geografía Republ. Mexic.: 211.
- 1929 *Chrysemys umbra* – Lindholm, Zool. Anz., 81: 294.
- 1938 *Pseudemys grayi* – Carr, Herpetologica, 1: 132.
- 1963 *Pseudemys ornata grayi* – Stuart, Misc. Publ. Mus. Zool. Univ. Michigan, 122: 51.
- 1970 *Pseudemys scripta grayi* – Legler & Webb, Herpetologica, 26: 165.
- 1975 *Chrysemys scripta grayi* – Smith & Smith, Chelonia, 2 (3): 5.
- 1979 *Pseudemys scripta umbra* – Pritchard, Encyclopedia of Turtles: 115.
- 1985 *Trachemys scripta grayi* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 4.
- 1989 *Trachemys grayi* – King & Burke, Crocod., Tuatara, Turtl. Spec. World: 61.
- 1996 *Trachemys ornata grayi* – Walls, Cooters, Sliders & Painted Turtles: 50.
- 2002 *Trachemys venusta grayi* – Seidel, J. Herpetol., 36: 289.

**Distribution:** Pacific drainages from eastern Oaxaca, Mexico, in the narrow confines of the Isthmus of Tehuantepec southeastward through coastal Chiapas, Mexico, at least to El Salvador.

*Trachemys yaquia* (Legler & Webb, 1970)

- 1970 *Pseudemys scripta yaquia* Legler & Webb, Herpetologica, 26: 157; figs 1, 2 (top, centre, bottom, right). – Type locality: Conicarit (27°14'N 109°06'W), Río Mayo, Sonora, Mexico.



- 1975 *Chrysemys scripta yaquia* – Smith & Smith, *Chelonia*, 2 (3): 6.  
 1977 *Pseudemys ornata yaquia* – Wermuth & Mertens, *Testud., Crocod., Rhynchoceph., Tierreich*, 100: xiv.  
 1978 *Chrysemys scripta yaqui* Plymale, Jackson & Collier (ex errore), *Southwest. Natural.*, 23: 458.  
 1985 *Trachemys scripta yaquia* – Iverson, *SSAR Misc. Publ., Herpetol. Circ.*, 14: 5.  
 1996 *Trachemys dorbigni yaquia* – Obst in Wermuth & Mertens, *Schildkr., Krokod., Brückenechs.* (Reprint 1996): 473.  
 1996 *Trachemys ornata yaquia* – Walls, *Cooters, Sliders & Painted Turtles*: 50.  
 2002 *Trachemys yaquia* – Seidel, *J. Herpetol.*, 36: 289.

Distribution: Sonora, Mexico (Río Sonora, Río Yaqui, Río Mayo and tributaries, including Río Bavispe).

## Family **Geoemydidae** Theobald, 1868

### **Batagur** Gray, 1856

- 1831 *Tetraonyx* Gray in Griffith & Pidgeon (non *Tetraonyx* Latreille, 1809 = Coleoptera), *Anim. Kingd. Cuvier*, 9, *Synops Spec. Class. Rept.*: 19. – Type species (by monotypy): *Trionyx (Tetraonyx) cuvieri* Gray, 1831 = *Batagur baska* (Gray, 1830).  
 1834 *Tetronyx* Lesson in Bélanger (nomen oblitum), *Voy. Ind.-Orient., Zool.*: 297. – Type species (by monotypy): *Tetronyx longicollis* Lesson, 1834 = *Batagur baska* (Gray, 1830).  
 1856 *Batagur* Gray (nomen nudum), *Proc. Zool. Soc. London*, 1855: 197.  
 1856 *Batagur* Gray, *Cat. Shield Rept. Coll. Brit. Mus.*, 1 (Testud.), 1855: 35. – Type species (by tautonymy): *Batagur (Batagur) baska* (Gray, 1830) = *Emys batagur* Gray, 1830 = *Batagur baska* (Gray, 1830).

### **Batagur baska** (Gray, 1830)

- 1830 *Emys baska* Gray, *Illustr. Ind. Zool.*, 1: plate 75. – Type locality: India.  
 1831 *Emys batagur* Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class. Rept.*: 9. – Designated type locality (Gray 1831a): India.  
 1831 *Testudo baska* – Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class. Rept.*: 9.  
 1831 *Trionyx (Tetraonyx) cuvieri* Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class. Rept.*: 19. – Type locality: unknown.  
 1834 *Tetronyx longicollis* Lesson in Bélanger, *Voy. Ind.-Orient., Zool.*: 297. – Type locality: Ayeyarwady (Irrawaddy) River, Pegu, Myanmar.  
 1835 *Tetronyx baska* – Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 341.  
 1835 *Tetraonyx lessonii* Duméril & Bibron (nomen novum pro *Emys batagur* Gray, 1831 et *Tetronyx longicollis* Lesson, 1834), *Erpétol. gén., Hist. natur. Rept.*, 2: 338.  
 1835 *Tetraonyx longicollis* – Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 338.  
 1835 *Clemmys (Clemmys) batagur* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 123.  
 1835 *Hydraspis (Tetronyx) lessonii* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 126.  
 1835 *Emys tetraonyx* Temminck & Schlegel in Siebold (nomen novum pro *Tetronyx longicollis* Lesson, 1834), *Fauna Japon., Rept.*: 43.  
 1844 *Tetraonyx batagur* – Gray, *Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.*: 29.  
 1847 *Tetraonyx affinis* Cantor [partim; non *Cantorella affinis* sensu Gray 1870 = *Callagur borneoensis* (Schlegel & Müller, 1845)], *Cat. Rept. Malay. Peninsul.*: 6. – Type locality: lake near Penang.  
 1856 *Batagur (Batagur) baska* – Gray, *Cat. Shield Rept. Coll. Brit. Mus.*, 1 (Testud.), 1855: 35.  
 1862 *Clemmys longicollis* – Strauch, *Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7)*: 33.  
 1864 *Batagur affinis* (partim) – Günther, *Rept. Brit. India*: 40.  
 1869 *Kachuga affinis* (partim) – Gray, *Proc. Zool. Soc. London*, 1869: 203.

- 1869 *Tetraonyx baska* – Gray, Proc. Zool. Soc. London, 1869: 199.  
 1929 *Batagur batagur* – Lindholm, Zool. Anz., 81: 294.  
 1941 *Tetraonyx lessoni* Bourret (ex errore), Tortues de l'Indochine: 18.  
 1979 *Batagur baska ranongensis* Nutaphand, Turtles of Thailand: 26; figs 75–77. – Type locality: estuaries of rivers in Ranong Province, Thailand.  
 1979 *Batagur ranongensis* – Nutaphand, Turtles of Thailand: 56.  
 1988 *Batagur basca* Anan'eva in Anan'eva, Borkin, Darevskii & Orlov (ex errore), Slovar nazvanii zhivotnykh, Amfibii i reptilii: 144.  
 1989 *Batagur baska baska* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 2.  
 2004 *Batagur batagur batagur* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 49.  
 2004 *Batagur batagur ranongensis* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 49.

**Distribution:** Estuaries of northeastern India and Bangladesh, of the Ayeyarwady (Irrawaddy) River in Myanmar and of rivers southwards through southern Thailand to southern Vietnam and Cambodia, and through Malaysia to Sumatra (Moll 1985, Das 1991, 2001, Ernst et al. 2000, Platt et al. 2003).

**Comment:** *Batagur baska ranongensis* Nutaphand, 1979 is morphologically weakly defined and alleged diagnostic differences merely refer to ontogenetic differences. Therefore, we treat it as a subjective junior synonym of *B. baska* (Gray, 1830).

## **Callagur** Gray, 1870

- 1870 *Callagur* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 53. – Type species (by monotypy): *Callagur picta* (Gray, 1862) = *Callagur borneoensis* (Schlegel & Müller, 1845).  
 1870 *Cantorella* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 58. – Type species (by monotypy): *Cantorella affinis* sensu Gray 1870 = *Callagur borneoensis* (Schlegel & Müller, 1845).  
 1949 *Callugur* Battersby (ex errore), Zool. Rec., Amphib., Rept., 1947: 85.

## **Callagur borneoensis** (Schlegel & Müller, 1845)

- 1845 *Emys borneoensis* Schlegel & Müller in Temminck, Verh. Natuur. Gesch. Nederl. Overzee. Bezitt., 3, Rept.: 30. – Type locality: Borneo.  
 1847 *Tetraonyx affinis* Cantor (partim), Cat. Rept. Malay. Peninsul.: 6. – Type locality: lake near Penang.  
 1862 *Batagur picta* Gray, Proc. Zool. Soc. London, 1862: 204. – Type locality: Sarawak, Borneo.  
 1862 *Clemmys borneoensis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1864 *Batagur affinis* (partim) – Günther, Rept. Brit. India: 40.  
 1865 *Clemmys grayi* Strauch (nomen novum pro *Batagur picta* Gray, 1862), Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 88.  
 1869 *Kachuga affinis* (partim) – Gray, Proc. Zool. Soc. London, 1869: 203.  
 1870 *Callagur picta* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 53.  
 1870 *Cantorella affinis* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 58.  
 1873 *Kachuga major* Gray, Ann. Mag. Natur. Hist., (4) 11: 300. – Type locality: India? (in error).  
 1876 *Tetraonyx pictus* – Theobald, Descript. Cat. Rept. Brit. India: 19.  
 1881 *Batagur borneensis* Hubrecht (ex errore), Notes Leyden Mus., 3: 47.  
 1895 *Kachuga brookei* Bartlett, Sarawak-Gazette, 1 Feb 1895: 29. – Type locality: Borneo.  
 1915 *Callagur borneensis* – de Rooij, Rept. Ind.-Austr. Archipelago, 1: 289.  
 1930 *Callagur borneoensis* – Smith, Bull. Raffles Mus., 3: vi.  
 1967 *Callagur pictus* – Pritchard, Living Turtles of the World: 137.

**Distribution:** From extreme southern Thailand southward through Malaysia to Sumatra and Borneo.

**Comment:** For the publication date of *Emys borneoensis* Schlegel & Müller, 1845, often wrongly given with 1844, see Husson & Holthuis (1955).

**Cuora** Gray, 1856

- 1856 *Cuora* Gray, Proc. Zool. Soc. London, 1855: 198. – Subsequently designated type species (Stejneger 1907): *Cuora amboinensis* (Daudin, 1801) = *Cuora amboinensis amboinensis* (Daudin, 1801).  
 1863 *Cistoclemmys* Gray, Proc. Zool. Soc. London, 1863: 175. – Type species (by monotypy): *Cistoclemmys flavomarginata* Gray, 1863 = *Cuora flavomarginata flavomarginata* (Gray, 1863).  
 1863 *Pyxiclemmys* Gray, Proc. Zool. Soc. London, 1863: 176. – Type species (by monotypy): *Cuora* (*Pyxiclemmys*) *trifasciata* (Bell, 1825) = *Cuora trifasciata* (Bell, 1825).  
 1863 *Pyxidea* Gray, Proc. Zool. Soc. London, 1863: 175. – Type species (by monotypy): *Pyxidea mouhotii* (Gray, 1862) = *Cuora mouhotii mouhotii* (Gray, 1862).  
 1870 *Cystoclemmys* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 20.  
 1970 *Pyxidae* Taylor (ex errore), Univ. Kansas Sci. Bull., 49: 87.

***Cuora amboinensis*** (Daudin, 1801)

**Distribution:** From northeastern India and Bangladesh through southeastern Asia to the Malay Peninsula; Nicobar Islands, Borneo, Sumatra, Java, Sumbawa and small satellite islands thereof; Moluccas, Sulawesi, Philippines.

***Cuora amboinensis amboinensis*** (Daudin, 1801)

- 1801 *Testudo amboinensis* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 309. – Type locality: Amboina.  
 1801 *Testudo melanocephala* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 128. – Restricted type locality (hoc loco): Moluccas.  
 1812 *Emys amboinensis* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 314.  
 1812 *Emys melanocephala* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 304.  
 1820 *Terrapene amboinensis* – Merrem, Tentam. Syst. Amphib.: 28.  
 1825 *Kinosternon amboinense* Bell (ex errore), J. Zool., 2: 305.  
 1830 *Cistuda amboinensis* – Gray, Illustr. Ind. Zool., 1: plate 77: figs 3-4.  
 1835 *Clemmys* (*Clemmys*) *melanocephala* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1856 *Cuora amboinensis* – Gray, Proc. Zool. Soc. London, 1855: 198.  
 1889 *Cistudo amboinensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 133.  
 1889 *Cyclemys amboinensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1969 *Cuora ambionensis* Goldsmith, Proctor, Cole & Dadd (ex errore), Zool. Rec., Rept., 1967: 81.  
 1979 *Cuora amboiensis* Nutaphand (ex errore), Turtles of Thailand: 127.  
 1991 *Cuora amboinensis amboinensis* – Rummeler & Fritz, Salamandra, 27: 17.

**Distribution:** Moluccas, Sulawesi, Philippines (except Sulu Archipelago and Palawan Island group).

***Cuora amboinensis couro*** (Schweigger, 1812)

- 1812 *Emys couro* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 315. – Type locality: Java.  
 1825 ? *Terrapene bicolor* Bell, Zool. J., 2: 485; plate 16. – Type locality: North America (in error).  
 1826 *Terrapene couro* – Fitzinger, Neue Classif. Rept.: 45.  
 1955 *Emys couro* Mertens & Wermuth (ex errore), Zool. Jb., Syst., 83: 347.  
 1991 *Cuora amboinensis couro* – Rummeler & Fritz, Salamandra, 27: 17.  
 1995 *Cuora amboinensis couro* – Das, Turtles and Tortoises of India: 101.

**Distribution:** Sumatra, Java, Sumbawa and small satellite islands thereof.

***Cuora amboinensis kamaroma*** Rummeler & Fritz, 1991

- 1825 ? *Terrapene bicolor* Bell, Zool. J., 2: 485; plate 16. – Type locality: North America (in error).

- 1991 *Cuora amboinensis kamaroma* Rummeler & Fritz, Salamandra, 27: 17; figs 6b–c, 7b, 10b–d. – Type locality: approximately 50 km north of Bangkok, Thailand.
- 2003 *Cuora amboinensis kanzaroma* Artner (ex errore), Emys, 10 (6): xxxvi.

**Distribution:** From northeastern India and Bangladesh through southeastern Asia to the Malay Peninsula; Nicobar Islands, Borneo, Sulu and Palawan Island groups of the Philippines (Gaulke 1995, Gaulke & Fritz 1998, Ernst et al. 2000, Fidenci 2004, 2007).

#### *Cuora amboinensis lineata* McCord & Philippen, 1998

- 1998 *Cuora amboinensis lineata* McCord & Philippen, Reptile Hobbyist, March 1998: 51; figs pp. 51–53, 54 (left), 55 (top left and right), 57 (top right, bottom left). – Type locality: Myitkyina, Kachin Province, Myanmar (Burma).

**Distribution:** With certainty only known from Kachin Province, Myanmar; records given for southern Myanmar in the original description (McCord & Philippen 1998) need to be verified.

#### *Cuora aurocapitata* Luo & Zong, 1988

- 1988 *Cuora aurocapitata* Luo & Zhong, Acta Herpetol. Sinica, 1988: 14; figs 1–2. – Type locality: Nanling Co., Anhui Province, China.
- 1994 *Cuora aureocapitata* Patterson (ex errore), Box Turtles: 20.
- 2003 *Cuora pani aurocapitata* – Artner, Emys, 10 (6): xiii.
- 2006 *Pyxiclemmys aurocapitata* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 16.
- 2006 *Pyxiclemmys pani aurocapitata* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 7.

**Distribution:** Southern Anhui Province, China.

**Comment:** The view that *Cuora aurocapitata* Luo & Zhong, 1988 and *C. pani* Song, 1984 are very closely related or even conspecific (McCord & Iverson 1991) is supported by shared mtDNA haplotypes of both (Stuart & Parham 2004) and some authors treat both taxa as subspecies (Artner 2004, Blanck & Tang 2005).

#### *Cuora flavomarginata* (Gray, 1863)

**Distribution:** Eastern and southern China north to Henan and Hubei Provinces, Taiwan Island; Ishigaki Shima and Iriomote Islands, Ryukyus, Japan.

**Comment:** Several authors (e.g. McCord & Iverson 1991, Ernst et al. 2000, Fong et al. 2002) recognize *Cuora flavomarginata sinensis* (Hsü, 1930) as a valid subspecies for Chinese mainland populations, while others treat it as a junior synonym of *C. f. flavomarginata* (Gray, 1863) with type locality of Tamsuy, Taiwan (e.g. Zhao & Adler 1993, Fritz & Obst 1999, Yasukawa & Ota 1999). The comprehensive investigation by Yasukawa & Ota (1999) supported the status of a distinct subspecies for *C. f. evelynae* Ernst & Lovich, 1990 from the Ryukyu Islands, but failed to find consistent differences between Chinese mainland and Taiwanese populations of *C. flavomarginata*.

#### *Cuora flavomarginata flavomarginata* (Gray, 1863)

- 1863 *Cistoclemmys flavomarginata* Gray, Proc. Zool. Soc. London, 1863: 175. – Restricted type locality (Mertens & Wermuth 1955): Tamsuy, northwestern Formosa [Taiwan].
- 1864 *Cuora flavomarginata* – Günther, Rept. Brit. India: 13.
- 1865 *Terrapene flavomarginata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 48.
- 1870 *Cystoclemmys flavomarginata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 20.
- 1889 *Cyclemys flavomarginata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.

- 1930 *Cyclemys [flavomarginata] flavomarginata* – Hsü, Contrib. Biol. Lab. Sci. Soc. China, Ser. Zool., 6: 3.  
 1930 *Cyclemys flavomarginata sinensis* Hsü, Contrib. Biol. Lab. Sci. Soc. China, Ser. Zool., 6: 3; figs 1–3. – Type locality: Künshan Island [Junshan Dao], Tungting [Dongting] Lake, Hunan Province, China.  
 1941 *Cuora flavomarginata flavomarginata* – Bourret, Tortues de l'Indochine: 147.  
 1941 *Cuora flavomarginata sinensis* – Bourret, Tortues de l'Indochine: 147.  
 1961 *Terrapene culturalia* Yeh, Vertebrata Palasiat., 5: 59; fig. 1; pl. 1. – Type locality: Dawenkou, Taian, Shantung [Shandong], China (Holocene remains; Lung-shan Period of Neolithic Age or Ying Dynasty).  
 1964 *Geoemyda flavomarginata* – McDowell, Proc. Zool. Soc. London, 143: 270.  
 1971 *Cyclemy [flavomarginata] flavomarginata* – Mao, Turtles of Taiwan: 53.  
 1971 *Cyclemy flavomarginata sinensis* – Mao, Turtles of Taiwan: 53.  
 1991 *Cistoclemmys flavomarginatas* Zhou & Zhou (ex errore), Chin. Chelon. illustr.: 19.  
 1991 *Cistoclemmys flavomarginatus* – Zhou & Zhou, Chin. Chelon. illustr.: 3.  
 1995 *Cuora flavimarginata flavomarginata* Rogner (species name ex errore), Schildkröten, 1: 53.  
 1999 *Cistoclemmys flavomarginata flavomarginata* – Yasukawa & Ota in Ota, Tropical Island Herpetofauna: 291.  
 2002 *Cistoclemmys flavomarginata sinensis* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Eastern and southern China north to Henan and Hubei Provinces, Taiwan Island (Zhao & Adler 1993, Fong et al. 2002).

#### *Cuora flavomarginata evelynae* Ernst & Lovich, 1990

- 1990 *Cuora evelynae* Ernst & Lovich, Proc. Biol. Soc. Washington, 103: 26; fig. 1. – Type locality: Ishigaki Shima, Ryukyu Islands, Japan.  
 1991 *Cuora flavomarginata evelynae* – McCord & Iverson, Herpetologica, 47: 419.  
 1999 *Cistoclemmys flavomarginata evelynae* – Yasukawa & Ota in Ota, Tropical Island Herpetofauna: 291.

**Distribution:** Ishigaki Shima and Iriomote Islands, Ryukyus, Japan.

#### *Cuora galbinifrons* Bourret, 1939

**Distribution:** Hainan Island, China; northern and central Vietnam and most probably adjacent mainland China; Laos; most probably northeastern Cambodia.

**Comment:** Iverson & McCord (1992a) described *Cuora galbinifrons serrata*, allegedly from Hainan Island. Later it turned out that this taxon was based on hybrids between *C. galbinifrons* Bourret, 1939 and *C. mouhotii* (Gray, 1862) (Parham et al. 2001, Stuart & Parham 2004).

Stuart & Parham (2004) raised *C. g. bourreti* Obst & Reimann, 1994 and *C. g. picturata* Lehr, Fritz & Obst, 1998 to full species level. However, Lehr et al. (1998) and Fritz et al. (2002, 2006a) demonstrated that wide intergradation zones exist between *C. g. galbinifrons* and *C. g. bourreti*, underlining their subspecies status under the Biological Species Concept (Mayr 1942, 1963). Considering the morphological similarity of *C. g. picturata*, this taxon is best treated as a third subspecies. In the collection of the Museum of Zoology Dresden are, moreover, pet trade specimens morphologically perfectly intermediate between *C. g. bourreti* and *C. g. picturata*.

#### *Cuora galbinifrons galbinifrons* Bourret, 1939

- 1939 *Cuora galbinifrons* Bourret, Ann. Bull. Gén. Instruct. Publ., 1939 (4): 11; fig. 2. – Restricted type locality (Obst & Reimann 1994): Tam Dao, North Vietnam.  
 1958 *Cyclemys flavomarginata hainanensis* Li, Chinese J. Zool., 2: 234. – Type locality: small stream of Dali village of Mt. Diaoluo, Lingshui Co., Hainan Island, China.  
 1975 *Cuora hainanensis* – Zhao in Hu, Zhao & Huang, Acta Zool. Sinica, 24: 381.

- 1977 *Cyclemys flavomarginata hainanensis* – Wermuth & Mertens, Testud., Crocod., Rhynchoceph., Tierreich, 100: 23.
- 1980 *Cistoclemmys galbinifrons* – Bour, Amphibia-Reptilia, 1: 158.
- 1985 *Cistoclemmys hainanensis* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 5.
- 1985 *Cuora flavomarginata hainanensis* – Obst, Welt der Schildkröten: 220.
- 1988 *Cistoclemmys flavomarginata hainanensis* – Groombridge, World Checkl. Threat. Amphib. Rept.: 11.
- 1992 *Cuora galbinifrons galbinifrons* – Iverson & McCord, Proc. Biol. Soc. Washington, 105: 437.
- 1992 *Cuora galbinifrons hainanensis* – Iverson & McCord, Proc. Biol. Soc. Washington, 105: 437.
- 1999 *Cyclemys flavomarginatus hainanensis* – de Bruin & Artner, Chelon. Conserv. Biol., 3: 479.
- 2002 *Cistoclemmys galbinifrons galbinifrons* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.
- 2002 *Cistoclemmys galbinifrons hainanensis* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Hainan Island, China, northern Vietnam and most probably adjacent mainland China; eastern-central Laos (Zhao & Adler 1993, Lehr et al. 1998, Stuart & Parham 2004).

#### *Cuora galbinifrons bourreti* Obst & Reimann, 1994

- 1994 *Cuora galbinifrons bourreti* Obst & Reimann, Zool. Abh. Mus. Tierk. Dresden, 48: 125; figs 1, 5–6. – Restricted type locality (Fritz et al. 2002): Bach Ma, Thua Thien Hue Province, Central Vietnam.
- 2002 *Cistoclemmys galbinifrons bourreti* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.
- 2004 *Cuora bourreti* – Stuart & Parham, Mol. Phylogenet. Evol., 31: 164.
- 2006 *Cistoclemmys bourreti* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 4.

**Distribution:** Central Vietnam, most probably northeastern Cambodia and Laos (Obst & Reimann 1994).

#### *Cuora galbinifrons picturata* Lehr, Fritz & Obst, 1998

- 1998 *Cuora galbinifrons picturata* Lehr, Fritz & Obst, Herpetofauna, 20 (113): 5; figs 1, 3–4, 6–7, 12. – Type locality: southern Annam, Vietnam.
- 2002 *Cistoclemmys galbinifrons picturata* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.
- 2004 *Cuora picturata* – Stuart & Parham, Mol. Phylogenet. Evol., 31: 164.
- 2006 *Cistoclemmys picturata* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 4.

**Distribution:** Only known from markets in southern Vietnam.

#### *Cuora mccordi* Ernst, 1988

- 1988 *Cuora mccordi* Ernst, Proc. Biol. Soc. Washington, 101: 466; fig. 1. – Restricted type locality (McCord & Iverson 1991): in Yunnan Province, west of Paise [Bose Co.], Guangxi Zhuang Autonomous Region, China.
- 1992 *Cuora accordi* Nöllert (ex errore), Schildkröten, 2nd ed.: 10.
- 2006 *Cistoclemmys mccordi* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 4.

**Distribution:** The description of *Cuora mccordi* Ernst, 1988 was based on pet trade turtles. Therefore, the type locality could be in error and, thus, the natural distribution range is unknown.

#### *Cuora mouhotii* (Gray, 1862)

**Distribution:** Assam, northern Myanmar, northern Laos, central and northern Vietnam, adjacent mainland China and Hainan Island; records in northern Thailand need verification (Fritz et al. 1998).

*Cuora mouhotii mouhotii* (Gray, 1862)

- 1862 *Cyclemys mouhotii* Gray, Ann. Mag. Natur. Hist., (3) 10: 157. – Restricted type locality (Fritz et al. 1998): Luang Prabang (19°54'N 102°56'E), Laos.
- 1863 *Pyxidea mouhotii* – Gray, Proc. Zool. Soc. London, 1863: 175.
- 1865 *Emys mouhotii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 57.
- 1890 *Cyclemys mouhoti* Boulenger (ex errore), Fauna Brit. India, Rept. Batrach.: 31.
- 1931 *Pyxidea mouhoti* – Smith, Fauna Brit. India, Rept. Amphib., 1: 78.
- 1941 *Emys mouhoti* – Bourret, Tortues de l'Indochine: 142.
- 1958 *Pyxidea mouboti* Smith & James (ex errore), Trans. Kansas Acad. Sci., 61: 91.
- 1964 *Geoemyda mouhoti* – McDowell, Proc. Zool. Soc. London, 143: 269.
- 1985 *Cyclemys mouheti* Tikader & Sharma (ex errore), Handbook Indian Testud.: plate 19.
- 1995 *Geoemyda mouhotii* – Artner, Emys, 2 (5): 25.
- 1998 *Pyxidea mouhotii mouhotii* – Fritz, Andreas & Lehr, Zool. Abh. Mus. Tierk. Dresden, 50: 33.
- 1999 *Pyxidea mouhotti* Hallermann, Dirksen & Uetz (ex errore), Elaphe, 7 (1): i.
- 2002 *Cuora mouhotii* – Honda, Yasukawa, Hirayama & Ota, Zool. Sci., 19: 1310.
- 2003 *Cuora mouhotii mouhotii* – Artner, Emys, 10 (6): xiii.

**Distribution:** Northern Laos, northern Vietnam, adjacent mainland China and Hainan Island (Fritz et al. 1998); records in northern Thailand need verification. The few records for *Cuora mouhotii* (Gray, 1862) from Assam and northern Myanmar could refer to a distinct subspecies (Fritz et al. 1998).

*Cuora mouhotii obsti* (Fritz, Andreas & Lehr, 1998)

- 1998 *Pyxidea mouhotii obsti* Fritz, Andreas & Lehr, Zool. Abh. Mus. Tierk. Dresden, 50: 33; figs 1a, 2 (top). – Type locality: vicinity of Phú Lộc (16°16'N 107°56'E), Annam, Vietnam.
- 1999 *Pyxidea mouhotti obsti* Hallermann, Dirksen & Uetz (species name ex errore), Elaphe, 7 (1): i.
- 2003 *Cuora mouhotii obsti* – Artner, Emys, 10 (6): xiii.

**Distribution:** Central Vietnam (Fritz et al. 1998).

*Cuora pani* Song, 1984

- 1984 *Cuora pani* Song, Acta Zootaxonom. Sinica, 9: 330; figs 1–2. – Type locality: Xujiaba (alt. 420 m), Pingli Co., Shaanxi Province, China.
- 1987 *Cuora chriskarannarum* Ernst & McCord, Proc. Biol. Soc. Washington, 100: 624; fig. 1. – Type locality: Ta Lau Shan (23°30'N 102°25'E), Yunnan Province, China.
- 1994 *Cuora chriskarannorum* Obst & Reimann (ex errore), Zool. Abh. Mus. Tierk. Dresden, 48: 125.
- 2003 *Cuora pani pani* – Artner, Emys, 10 (6): xiii.
- 2006 *Pyxiclemmys pani pani* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 7.

**Distribution:** Provinces of Hubei, Shaanxi and Sichuan, China. Records in Yunnan Province, China, are doubtful (Parham & Li 1999, Li 2000, Blanck & Tang 2005).

**Comment:** See *Cuora aurocapitata* Luo & Zong, 1988.

*Cuora trifasciata* (Bell, 1825)

- 1825 *Sternothaerus trifasciatus* Bell, Zool. J., 2: 305; plate 14. – Designated type locality (Blanck et al. 2006): Luofu Shan forests, Guangdong Province, China.
- 1831 *Emys (Cistuda) trifasciata* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 7.
- 1831 *Cistuda trifasciata* – Gray, Gray, Synops. Rept., 1 (Cataphracta): 19.

- 1835 *Cistudo trifasciata* – Duméril & Bibron, *Erpétol. gén. Hist. natur. Rept.*, 2: 219.  
 1856 *Cuora trifasciata* – Gray, *Proc. Zool. Soc. London*, 1855: 198.  
 1861 *Pyxidemys trifasciata* – Fitzinger, *Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl.*, 42: 411.  
 1862 *Terrapene trifasciata* – Strauch, *Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7*, 5 (7): 27.  
 1889 *Cyclemys trifasciata* – Boulenger, *Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.)*: viii.  
 2006 *Cuora [cyclornata] cyclornata* Blanck, McCord & Le, *Variability of Cuora trifasciata*: 10; figs 27D, 28D, 29D, 30–38, 40D, 41D, 44 (right), 45 (right). – Type locality: Phong Na Ke Bang Natural Reserve, Quang Binh Province, central Vietnam.  
 2006 *Cuora cyclornata meieri* Blanck, McCord & Le, *Variability of Cuora trifasciata*: 10; figs 27E, 28E, 29E, 39, 40E, 41E, 42–43, 44 (centre), 46 (left). – Type locality: Tam Dao, Vinh Phuc Province, northern Vietnam.  
 2006 *Pyxiclemmys trifasciata* – Vetter in Vetter & van Dijk, *Terralog, Turtles of the World*, 4: 7.

**Distribution:** Northern Vietnam and southern China (provinces of Aomen, Fujian, Guangxi, Kwantung, Hainan, Hong Kong); possibly also northern Myanmar.

**Comment:** We follow Spinks & Shaffer (2007) who recommend to treat *Cuora cyclornata cyclornata* Blanck, McCord & Le, 2006 and *C. c. meieri* Blanck, McCord & Le, 2006 as junior synonyms of *C. trifasciata* (Bell, 1825).

### ***Cuora yunnanensis* (Boulenger, 1906)**

- 1906 *Cyclemys yunnanensis* Boulenger, *Ann. Mag. Natur. Hist.*, (7) 17: 567. – Type locality: Yunnan-Fu [Kunming Shi] and Tongchuan-Fu [Dongchuan Shi], Yunnan Province, China.  
 1907 *Cyclemys yunnanensis* Boulenger (ex errore), *Zool. Rec., Rept.*, 1906: 35.  
 1931 *Cuora yunnanensis* – Smith, *Fauna Brit. India, Rept. Amphib.*, 1: xxvii.  
 1977 *Cuora yunnanensis* Wermuth & Mertens (ex errore), *Testud., Crocod., Rhynchoceph., Tierreich*, 100: xxii.  
 2006 *Pyxiclemmys yunnanensis* – Vetter in Vetter & van Dijk, *Terralog, Turtles of the World*, 4: 7.

**Distribution:** Yunnan Province, China.

**Comment:** Until 2004 it was believed that *Cuora yunnanensis* (Boulenger, 1906) is extinct (Parham et al. 2004) but a live female claimed to be of this species was recently purchased from a market in Kunming City (Zhou & Zhao 2004, Blanck 2005), and Vetter & van Dijk (2006) illustrated a live pair of alleged *C. yunnanensis*.

### ***Cuora zhoui* Zhao, 1990**

- 1990 *Cuora zhoui* Zhao in Zhao, Zhou & Ye in Zhao, *From Water onto Land (Beijing)*: 213. – Type locality: vicinity of Nanning, Guangxi Zhuang Autonomous Region, China.  
 1991 *Cuora pallidicephala* McCord & Iverson, *Herpetologica*, 47: 407, figs 5F, 6F, 7F. – Type locality: vicinity of Wuting [Wuding Xian; 25°26'N 102°21'E] or Yuanmow [Yuanmou Co.; 25°41'N 101°54'E], Yunnan Province, China.  
 2006 *Pyxiclemmys zhoui* – Vetter in Vetter & van Dijk, *Terralog, Turtles of the World*, 4: 7.

**Distribution:** Unknown. The description of *Cuora zhoui* Zhao, 1990 and of its junior synonym *C. pallidicephala* McCord & Iverson, 1991 were both based on market specimens that were obtained at the “type localities”. Thus, the natural distribution of the species remains to be determined.

### ***Cyclemys* Bell, 1834**

- 1834 *Cyclemys* Bell, *Proc. Zool. Soc. London*, 1834: 17. – Type species (by monotypy): *Cyclemys orbiculata* Bell, 1834 = *Cyclemys dentata* (Gray, 1831).  
 1958 *Cyclemus* Li (ex errore), *Chinese J. Zool.*, 2: 234.



- 1967 *Cyclemis* Goode (ex errore), Freshw. Tort. Austral. New Guinea: 4.  
 1971 *Cyclemy* Mao (ex errore), Turtles of Taiwan: 53.

Comment: This genus includes one additional undescribed species, morphologically resembling *Cyclemys oldhamii* Gray, 1863 and *C. shanensis* Annandale, 1918 (Guicking et al. 2002).

### *Cyclemys atripons* Iverson & McCord, 1997

- 1997 *Cyclemys atripons* Iverson & McCord, Proc. Biol. Soc. Washington, 110: 629; fig. 3. – Type locality: Kao [Mt.] Kuap (= Khao Kuap), Krat [Trat], Thailand.  
 2006 *Cyclemys atripons atripons* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 4.

Distribution: Southern Thailand and Cambodia (Fritz & Ziegler 1999, Stuart & Platt 2004).

### *Cyclemys dentata* (Gray, 1831)

- 1826 *Emys hasseltii* Boie in Fitzinger (nomen nudum), Neue Classif. Rept.: 45.  
 1831 *Emys dhor* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 8. – Restricted type locality (by lectotype designation; Fritz et al. 1997): Java.  
 1831 *Emys dentata* Gray [nomen novum pro *Emys dhor* Gray, 1831; non *Kachuga dentata* sensu Gray 1870 = *Kachuga kachuga* (Gray, 1831)], Synops. Rept., 1 (Cataphracta): Errata.  
 1831 *Emys hasseltii* Boie in Gray (ex errore), Synops. Rept., 1 (Cataphracta): 20.  
 1834 *Cyclemys orbiculata* Bell, Proc. Zool. Soc. London, 1834: 17. – Designated type locality (Gray 1872a): Java.  
 1835 *Cistudo diardii* Duméril & Bibron (nomen novum pro *Emys dhor* Gray, 1831), Erpétol. gén., Hist. natur. Rept., 2: 227.  
 1835 *Clemmys (Clemmys) hasseltii* – Boie in Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.  
 1844 *Cistudo (Cyclemys) dentata* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 32.  
 1849 *Emys diardii* – Schlegel, Verh. Natuurk. Afbeeld.: 44.  
 1856 *Cyclemys dentata* – Gray, Proc. Zool. Soc. London, 1855: 198.  
 1863 *Cyclemys bellii* Gray, Proc. Zool. Soc. London, 1863: 179. – Type locality: Madras or Bombay? (in error).  
 1863 *Cyclemys ovata* Gray, Proc. Zool. Soc. London, 1863: 178. – Type locality: Sarawak.  
 1866 *Cistudo orbiculata* – Giebel, Zeitschr. ges. Naturwiss., 1866: 13.  
 1870 *Cyclemys dhor* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 23.  
 1931 *Cistudo diardi* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 81.  
 1931 *Cyclemys belli* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 81.  
 1967 *Cyclemis dentata* – Goode, Freshw. Tort. Austral. New Guinea: 4.  
 1970 *Cyclemys ovala* Taylor (ex errore), Univ. Kansas Sci. Bull., 49: 103.  
 1996 *Cyclemys dentata dentata* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 188.  
 2006 *Cyclemys dentate* Zhou (ex errore), Sichuan J. Zool., 25: 274.

Distribution: Southern Malay Peninsula, Sumatra, Java, Borneo, Palawan Islands and Tawitawi (Philippines; Fritz et al. 1997).

### *Cyclemys oldhamii* Gray, 1863

- 1863 *Cyclemys oldhamii* Gray, Proc. Zool. Soc. London, 1863: 178. – Restricted type locality (by lectotype designation; Fritz et al. 1997): Mergui.  
 1864 *Cyclemys oldhami* Günther (ex errore), Rept. Brit. India: 15.

Distribution: Insufficiently known as three morphologically similar species are involved, ranging from northeastern India over Myanmar and Thailand to the Greater Sunda Islands (Guicking et al. 2002).

***Cyclemys pulchristriata* Fritz, Gaulke & Lehr, 1997**

- 1997 *Cyclemys pulchristriata* Fritz, Gaulke & Lehr, Salamandra, 33: 183, figs 1c, 2c, 3c, 7c. – Type locality: Phuc-Son, Annam.
- 1999 *Cyclemys pulchristriata* Hallermann, Dirksen & Uetz (ex errore), Elaphe, 7 (1): i.
- 2005 *Cyclemys pulchristata* Das in Bourret (ex errore), Tortues de l'Indochine (Reprint 2005): vii.
- 2006 *Cyclemys atripons pulchristriata* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 3.

Distribution: Central and southern Vietnam (Fritz & Ziegler 1999).

***Cyclemys shanensis* Annandale, 1918**

Distribution: Insufficiently known; see under subspecies distribution.

***Cyclemys shanensis shanensis* Annandale, 1918**

- 1918 *Cyclemys dhor shanensis* Annandale, Rec. Ind. Mus., 14: 67; plate 20: figs 1–2a. – Type locality: Lake Inlé, Burma.
- 2002 *Cyclemys shanensis shanensis* – Guicking, Fritz, Wink & Lehr, Faun. Abh. Mus. Tierk. Dresden, 23: 76.

Distribution: Insufficiently known as three morphologically similar species are involved, ranging from northeastern India over Myanmar and Thailand to the Greater Sunda Islands (Guicking et al. 2002).

***Cyclemys shanensis tcheponensis* (Bourret, 1939)**

- 1939 *Geoemyda tcheponensis* Bourret, Ann. Bull. Gén. Instruct. Publ., 1939 (6): 7; fig. 1. – Type locality: Se-Bang-Hiên and Dong-Tam-Vé, central Annam.
- 1976 *Cyclemys tcheponensis* – McMorris, Chelonia, 3 (2): 11.
- 1987 *Cyclemys tscheponensis* Müller (ex errore), Schildkröten: 104.
- 1989 *Cyclemys tiannanensis* Kou, Current Herpetol. East Asia: 193, figs 1–5. – Type locality: “Nanliang, Mengla Co., Xishuangbanna of Yunnan Province, China” (see comment under distribution).
- 1991 *Cyclemys tiannamensis* Das (ex errore), Colour Guide Turtl. Tort. Indian Subcon.: 80.
- 1995 *Geoemyda tcheponensis* – Jenkins, Tort. Freshw. Turtl. Trade Southeast Asia: 5.
- 1996 *Cyclemys dentata tcheponensis* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 189.
- 1999 *Cyclemys tcheponensys* Richard (ex errore), Tortug. Reg. árid. Argentina: 196.
- 2002 *Cyclemys shanensis tcheponensis* – Guicking, Fritz, Wink & Lehr, Faun. Abh. Mus. Tierk. Dresden, 23: 76.

Distribution: Laos and northern and central Vietnam (Fritz & Ziegler 1999). The description of *Cyclemys tiannanensis* Kou, 1989 was most probably based on a pet trade turtle (Fritz et al. 1997). Therefore its type locality is most likely in error.

***Geoclemys* Gray, 1856**

- 1856 *Geoclemys* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 17. – Subsequently designated type species (Stejneger 1907): *Geoclemys hamiltonii* (Gray, 1831).
- 1865 *Geoclemmys* Cope (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 1865: 186.
- 1902 *Geodemmys* Waterhouse (ex errore), Index zool., 1: 413.
- 1955 *Geodemys* Scortecci (ex errore), Animali (Milano), 4: 1025.

***Geoclemys hamiltonii* (Gray, 1831)**

- 1831 *Emys hamiltonii* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9. – Type locality: India.
- 1831 *Emys guttata* Gray, Illustr. Ind. Zool., 1: plate 76: fig. 1. – Type locality: India.
- 1831 *Emys picquotii* Lesson, Bull. Sci. natur. Paris, 25 2: 120. – Type locality: Ganges.
- 1835 *Clemmys (Clemmys) hamiltonii* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.
- 1856 *Geoclemys hamiltonii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 17.
- 1869 *Damonia hamiltonii* – Gray, Proc. Zool. Soc. London, 1869: 195.
- 1884 *Melanochelys pictus* Murray, Ann. Mag. Natur. Hist., (5) 14: 107. – Type locality: Doro, Kushmore Talooka, Upper Sind.
- 1885 ? *Clemmys palaeindica* Lydekker, Palaeontol. Ind. (10) iii: 178; plate 21: figs 1, 3. – Type locality: Sivalik Hills [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].
- 1889 *Damonia hamiltoni* Lydekker (ex errore), Cat. Foss. Rept. Amphib. Brit. Mus. (Natur. Hist.), 3: 105.
- 1889 *Geoclemmys hamiltonii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 93.
- 1931 *Emys hamiltoni* – Smith, Fauna Brit. India, Rept. Amphib., 1: 111.
- 1931 *Geoclemys hamiltoni* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxvii.

Distribution: Indus and Ganges River systems (Pakistan, northern India, Nepal, Bangladesh).

***Geoemyda* Gray, 1834**

- 1834 *Geoemyda* Gray (nomen conservandum: Opinion 1309, ICZN 1985), Proc. Zool. Soc. London, 1834: 100. – Subsequently designated type species (Lindholm 1929): *Geoemyda spengleri* (Gmelin, 1789).
- 1836 *Geoemys* Bonaparte (ex errore), Chelon. Tab. analyt.: 6.
- 1844 *Geomys* Agassiz (ex errore; non *Geomys* Rafinesque, 1817 = Mammalia), Nomencl. zool., Rept.: 19.
- 1856 *Geomyda* Theobald (ex errore), J. Asiat. Soc. Bengal, 24: 187.
- 1856 *Nicoria* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 17. – Type species (by monotypy): *Nicoria spengleri* (Gmelin, 1789) = *Geoemyda spengleri* (Gmelin, 1789).
- 1914 *Gesemyda* Boulenger (ex errore), Zool. Rec., Rept., Batr., 1913: 27.
- 1940 *Geoamyda* Park, Barden & Williams (ex errore), Ecology, 21: 122.
- 1949 *Geomysa* Krumbiegel (ex errore), Wie füttere ich gefangene Tiere, 2nd ed.: 70.
- 1966 *Geoemydia* Fairchild, Kohls & Tipton in Wenzel & Tipton (ex errore), Ectoparasit. Panama: 201.

***Geoemyda japonica* Fan, 1931**

- 1931 *Geoemyda spengleri japonica* Fan, Bull. Dep. Biol. Sun Yatsen Univ., Canton, 11: 148. – Type locality: Japan.
- 1992 *Geoemyda japonica* – Yasukawa, Ota & Hikida, Japan. J. Herpetol., 14: 143.
- 2004 *Geoemyda japonicus* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 49.

Distribution: Central Ryukyus (Okinawajima, Kumejima and Tokashikijima Islands), Japan.

***Geoemyda spengleri* (Gmelin, 1789)**

- 1789 *Testudo spengleri* Gmelin in Linnaeus (nomen conservandum: Opinion 1309, ICZN 1985), Syst. Natur., Ed. 13, 1: 1043. – Type locality: unknown.
- 1804 *Testudo tricarinata* Bory [non *Testudo tricarinata* Retzius, 1792 = *Kinosternon scorpioides scorpioides* (Linnaeus, 1766)], Voy. quatr. Îles d'Afr., 2: 308; Atlas: plate 36: fig. 1. – Type locality: “la mare d'Arzule”.
- 1812 *Emys spengleri* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 306.
- 1834 *Geoemyda spengleri* – Gray, Proc. Zool. Soc. London, 1834: 100.

- 1835 *Clemmys (Clemmys) spengleri* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.  
 1856 *Nicoria spengleri* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 17.  
 1929 *Geomyda spengleri* – Mell, Beitr. Fauna Sinica, 4: 11.  
 1931 *Geoemyda spengleri sinensis* Fan, Bull. Dep. Biol. Coll. Sci. Sun Yatsen Univ. Canton, 11: 146. – Type locality: Loshiang [Luoxiang] and Kutchen [Guchen], Guangxi Autonomous Region, China.  
 1934 *Geoemyda spengleri spengleri* – Pope, Amer. Mus. Novit., 733: 2.

**Distribution:** Southern China from Guangxi, Guangdong, Hunan and Hainan Island to Indochina.

### **Hardella** Gray, 1870

- 1870 *Hardella* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 58. – Subsequently designated type species (Günther 1871): *Hardella thurgi* [sic] = *Hardella thurjii thurjii* (Gray, 1831).

### *Hardella thurjii* (Gray, 1831)

**Distribution:** Indus, Ganges and Brahmaputra River systems (Pakistan, India, Bangladesh).

### *Hardella thurjii thurjii* (Gray, 1831)

- 1831 *Emys thuryi* Gray in Griffith & Pidgeon (nomen oblitum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 8. – Restricted type locality (McDowell 1964): Ganges and Brahmaputra River systems.  
 1831 *Emys thurjii* Gray (nomen novum), Synops. Rept., 1 (Cataphracta): 22.  
 1831 *Emys thurji* Gray (ex errore), Illustr. Ind. Zool., 1: plate 73.  
 1831 *Emys flavonigra* Lesson, Bull. Sci. natur. Paris, 25 2: 120. – Type locality: Ganges.  
 1832 *Emys thugi* Gray (ex errore), Illustr. Ind. Zool., 1: Directions.  
 1835 *Clemmys (Clemmys) thurgii* Fitzinger (ex errore), Ann. Wien. Mus. Naturgesch., 1, 1836: 123.  
 1844 *Emys thurgii* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 17.  
 1862 *Clemmys thurgi* Strauch (ex errore), Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1868 *Batagur thurgii* – Theobald, Cat. Rept. Mus. Asiat. Soc. Bengal: 12.  
 1869 *Kachuga oldhami* Gray, Proc. Zool. Soc. London, 1869: 200; fig. 14. – Type locality: Bengal.  
 1870 *Hardella thurgi* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 58.  
 1871 *Emys thurgi* – Günther, Zool. Rec., Rept., 1870: 70.  
 1879 *Batagur (Hardella) thurji* – Anderson, Zool. Res. Yunnan, 1878: 764.  
 1885 ? *Batagur cautleyi* Lydekker, Palaeontol. Ind. (10) iii: 194; plate 24: fig. 1. – Type locality: Sivalik Hills [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].  
 1885 ? *Batagur falconeri* Lydekker, Palaeontol. Ind. (10) iii: 187; plate 23: figs 1, 1a, plate 24: fig. 4, plate 25: figs 1–2. – Type locality: Sivalik Hills [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].  
 1906 *Hardella thurgii* – Siebenrock, Zool. Anz., 30: 127.  
 1909 *Hardella thurjii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 456.  
 1977 *Hardella thurjii thurjii* – Wermuth & Mertens, Testud., Crocod., Rhynchoceph., Tierreich, 100: xvii.  
 1979 *Hardella thurji* Pritchard (ex errore), Encyclopedia of Turtles: 193.  
 1985 *Hardella thurji thurji* – Obst, Welt der Schildkröten: 221.

**Distribution:** Ganges and Brahmaputra River systems (India, Bangladesh).

### *Hardella thurjii indi* Gray, 1870

- 1870 *Hardella indi* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 58. – Type locality: Indus River.  
 1977 *Hardella thurjii indi* – Wermuth & Mertens, Testud., Crocod., Rhynchoceph., Tierreich, 100: xv.

- 1984 *Hardella thurji indi* – Obst in Obst, Richter & Jacob, Lexikon der Terraristik: 197.  
 1993 *Hardella thurji indi* Gostawski & Hryniewicz (species name ex errore), Żółwie: 72.

Distribution: Indus River system (Pakistan).

### ***Heosemys* Stejneger, 1902**

- 1902 *Heosemys* Stejneger, Proc. Biol. Soc. Washington, 15: 238. – Type species (by original designation): *Heosemys spinosa* (Gray, 1830).  
 1916 *Hieremys* Smith, J. Natur. Hist. Soc. Siam, 2: 50. – Type species (by monotypy): *Hieremys annandalii* (Boulenger, 1903) = *Heosemys annandalii* (Boulenger, 1903).

### ***Heosemys annandalii* (Boulenger, 1903)**

- 1903 *Cyclemys annandalii* Boulenger in Annandale & Robinson, Fasc. Malay., Zool., 1: 142; plates 7–8. – Type locality: Kampong Jalor, Patani, Malaya.  
 1916 *Hieremys annandalei* Smith (ex errore), J. Natur. Hist. Soc. Siam, 2: 50.  
 1929 *Cyclemys annandali* Mell (ex errore), Beitr. Fauna Sinica, 4: 224.  
 1930 *Cyclemys annandalei* – Smith, Bull. Raffles Mus., 3: 4.  
 1930 *Hieremys annandalii* – Smith, Bull. Raffles Mus., 3: 7.  
 1934 *Hieremys annandali* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 62.  
 2005 *Heosemys annandalii* – Diesmos, Parham, Stuart & Brown, Proc. California Acad. Sci., 56: 31.

Distribution: Northeastern peninsular Malaysia, Thailand, Laos and Cambodia, Mekong Delta in Vietnam (Moll 1976, Lim & Das 1999, Ernst et al. 2000, Stuart & Platt 2004).

### ***Heosemys depressa* (Anderson, 1875)**

- 1875 *Geoemyda depressa* Anderson, Ann. Mag. Natur. Hist., (4) 16: 284. – Restricted type locality (Smith 1931): Akyab near Arakan, Burma.  
 1876 *Geoemyda arakana* Theobald, Descript. Cat. Rept. Brit. India, Addenda: 6. – Type locality: Akyab.  
 1902 *Heosemys depressa* – Stejneger, Proc. Biol. Soc. Washington, 15: 238.

Distribution: Arakan, Myanmar.

### ***Heosemys grandis* (Gray, 1860)**

- 1860 *Geoemyda grandis* Gray, Ann. Mag. Natur. Hist., (3) 6: 218. – Type locality: Cambodia.  
 1862 *Clemmys grandis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1902 *Heosemys grandis* – Stejneger, Proc. Biol. Soc. Washington, 15: 238.

Distribution: From Pegu, Myanmar, to southern Vietnam and south through the Malay Peninsula (range including Thailand, Laos, Cambodia, peninsular Malaysia; Moll 1976, van Dijk 1998, Lim & Das 1999, Ernst et al. 2000, Stuart & Platt 2004).

### ***Heosemys spinosa* (Gray, 1830)**

- 1830 *Emys spinosae* Gray (corrected to *Emys spinosa* in the Directions of Gray 1830-1835), Illustr. Ind. Zool., 1: plate 77: figs 1–2. – Restricted type locality (Gray 1831b): Penang.  
 1834 *Geoemyda spinosa* – Gray, Proc. Zool. Soc. London, 1834: 100.  
 1835 *Clemmys (Clemmys) spinosa* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.  
 1902 *Heosemys spinosa* – Stejneger, Proc. Biol. Soc. Washington, 15: 238.

**Distribution:** Malay Peninsula from Tenasserim, Myanmar, and southern Thailand southward through Malaysia to Sumatra and Borneo; numerous small Indonesian Islands, including Natuna Island, and some Philippine Islands (Mindanao, Tawitawi).

### ***Kachuga* Gray, 1856**

- 1856 *Kachuga* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 35. – Type species (by tautonymy): *Batagur (Kachuga) lineata* (Gray, 1831) = *Emys kachuga* Gray, 1831 = *Kachuga kachuga* (Gray, 1831).
- 1869 *Batagurella* Gray, Proc. Zool. Soc. London, 1869: 200. – Type species (by monotypy): *Kachuga (Batagurella) peguensis* Gray, 1869 = *Kachuga trivittata* (Duméril & Bibron, 1835).
- 1869 *Dongoka* Gray, Proc. Zool. Soc. London, 1869: 202. – Subsequently designated type species (Lindholm 1929): *Kachuga (Dongoka) hardwickii* Gray, 1869 = *Kachuga dhongoka* (Gray, 1832).
- 1870 *Dhongoka* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 57.
- 1873 *Dhougoka* Gray (ex errore), Hand-List Spec. Shield Rept. Brit. Mus.: 52.
- 1889 *Cachuga* Lydekker (ex errore), Cat. Foss. Rept. Amphib. Brit. Mus. Natur. Hist., 3: 123.
- 1889 *Kashuga* Boulenger (ex errore), Zool. Rec., Rept., Batr., 1889: 15.

### ***Kachuga dhongoka* (Gray, 1832)**

- 1832 *Emys dhongoka* Gray, Illustr. Ind. Zool., 2: plate 60. – Restricted type locality (Smith 1931): northern India.
- 1835 *Emys duvaucelii* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 334. – Type locality: Bengal.
- 1844 *Emys duvaucellii* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 15.
- 1856 *Batagur (Kachuga) dhongoka* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 36.
- 1862 *Clemmys dhongoka* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.
- 1869 *Kachuga hardwickii* Gray, Proc. Zool. Soc. London, 1869: 202. – Type locality: Nepal.
- 1870 *Dhongoka hardwickii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 56.
- 1873 *Batagur dhougoka* Gray (ex errore), Hand-List Spec. Shield Rept. Brit. Mus.: 52.
- 1873 *Dhougoka hardwickii* – Gray, Hand-List Spec. Shield Rept. Brit. Mus.: 52.
- 1873 *Emys duvancellii* Gray (ex errore), Hand-List Spec. Shield Rept. Brit. Mus.: 52.
- 1885 ? *Batagur durandi* Lydekker, Palaeontol. Ind. (10) iii: 192; plate 24: fig. 2. – Type locality: Sivalik Hills [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].
- 1889 *Kachuga dhongoka* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1879 *Batagur duvaucelii* – Anderson, Zool. Res. Yunnan, 1878: 732.
- 1931 *Emys duvauceli* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 130.
- 1985 *Kachuga dhongoca* Tikader & Sharma (ex errore), Handbook Indian Testud.: plate 41.
- 1986 *Kachuga drongoka* Moll (ex errore), J. Bombay Natur. Hist. Soc., 84: 547.

**Distribution:** Nepal, Bangladesh, northeastern India (Ganges and Brahmaputra drainages).

### ***Kachuga kachuga* (Gray, 1831)**

- 1831 *Emys kachuga* Gray, Illustr. Ind. Zool., 1: plate 74. – Restricted type locality (Smith 1931): northern India.
- 1831 *Emys lineata* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9. – Type locality: India.
- 1835 *Clemmys (Clemmys) lineata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.
- 1856 *Batagur (Kachuga) lineata* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 35.
- 1862 *Batagur ellioti* Gray, Proc. Zool. Soc. London, 1862: 264. – Type locality: Kistna River, southern India.
- 1864 *Batagur lineatus* – Günther, Rept. Brit. India: 39.
- 1865 *Clemmys ellioti* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 88.
- 1870 *Kachuga fusca* Gray (partim), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 56. – Type locality: Nepal and Pegu.

- 1870 *Kachuga lineata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 56.  
 1876 *Batagur kachuga* – Theobald, Descript. Cat. Rept. Brit. India: 19.  
 1885 ? *Batagur bakeri* Lydekker, Palaeontol. Ind. (10) iii: 190; plate 23: fig. 2, plate 24: fig. 5. – Type locality: Sivalik Hills [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].  
 1931 *Kachuga kachuga* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxviii.

**Distribution:** Southern Nepal, Bangladesh, adjacent northeastern India (Ganges, Brahmaputra, Godavari and Krishna River Basins; Iverson 1992, Ernst et al. 2000).

**Comment:** *Batagur bakeri* Lydekker, 1885 is listed as junior synonym by Boulenger (1889) but not by Smith (1931).

### ***Kachuga trivittata* (Duméril & Bibron, 1835)**

- 1835 *Emys trivittata* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 331. – Type locality: Bengal (in error).  
 1868 *Batagur trivittata* – Theobald, J. Linn. Soc. (Zool.), 10: 14.  
 1869 *Kachuga peguensis* Gray, Proc. Zool. Soc. London, 1869: 200. – Type locality: Pegu, India.  
 1869 *Kachuga trilineata* Gray, Proc. Zool. Soc. London, 1869: 200. – Type locality: Pegu, India.  
 1870 *Kachuga fusca* Gray (partim), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 56. – Type locality: Nepal and Pegu.  
 1879 *Batagur iravadica* Anderson, Zool. Res. Yunnan, 1878: 736; plates 64–65, plate 75b: figs 16–20. – Type localities: Bhamô (Upper Burma) and Pegu.  
 1888 *Clemmys iravadica* – Boettger, Ber. Offenbacher Ver. Naturk., 1888: 105.  
 1889 *Kachuga trivittata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.  
 2003 *Kachuga (Pangshura) trivittata* Gurley (ex errore), Keep. Breed. Freshw. Turtl.: 278.

**Distribution:** Ayeyarwady (Irrawaddy), Sittaung and Thanklwin (Salween) River Basins of Myanmar.

### ***Leucocephalon* McCord, Iverson, Spinks & Shaffer, 2000**

- 2000 *Leucocephalon* McCord, Iverson, Spinks & Shaffer, Hamadryad, 25: 86. – Type species (by original designation): *Leucocephalon yuwonoi* (McCord, Iverson & Boeadi, 1995).

### ***Leucocephalon yuwonoi* (McCord, Iverson & Boeadi, 1995)**

- 1995 *Geoemyda yuwonoi* McCord, Iverson & Boeadi, Chelon. Conserv. Biol., 1: 311; fig. 2. – Type locality: vicinity of Gorontalo (0°33'N 123°05'E) on the Minahassa Peninsula, northern Sulawesi (Celebes), Indonesia.  
 1996 *Heosemys yuwonoi* – Fritz & Obst, Herpetofauna, 18 (102): 27.  
 2000 *Leucocephalon yuwonoi* – McCord, Iverson, Spinks & Shaffer, Hamadryad, 25: 88.

**Distribution:** Northern Sulawesi, Indonesia.

### ***Malayemys* Lindholm, 1931**

- 1869 *Damonia* Gray (non *Damonia* Robineau-Desvoidy, 1847 = Diptera), Proc. Zool. Soc. London, 1869: 193. – Subsequently designated type species (Stejneger 1907): *Damonia macrocephala* (Gray, 1859) = *Malayemys macrocephala* (Gray, 1859).  
 1931 *Malayemys* Lindholm (nomen novum pro *Damonia* Gray, 1869), Zool. Anz., 97: 30.  
 2002 *Malayameys* Fong, Parham & Fu (ex errore), Russ. J. Herpetol., 9: 10.

***Malayemys macrocephala* (Gray, 1859)**

- 1859 *Geoclemmys macrocephala* Gray, Proc. Zool. Soc. London, 1859: 479; plate 21. – Type locality: Siam.
- 1862 *Clemmys macrocephala* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1864 *Emys macrocephala* – Günther, Rept. Brit. India: 31.
- 1869 *Damonia macrocephala* – Gray, Proc. Zool. Soc. London, 1869: 194.
- 1941 *Geoclemmys macrocephala* – Bourret, Tortues de l'Indochine: 15.
- 2004 *Malayemys macrocephala* – Brophy, Hamadryad, 29: 63.

**Distribution:** Central Thailand (Chao Phraya and Mae Klong Basins), coastal southeastern Thailand and Cambodia, and Malay Peninsula of Malaysia and Thailand (Brophy 2004, 2005).

***Malayemys subtrijuga* (Schlegel & Müller, 1845)**

- 1812 ? *Emys herrmanni* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 311. – Type locality: unknown.
- 1835 ? *Clemmys (Clemmys) herrmanni* Fitzinger (ex errore), Ann. Wien. Mus. Naturgesch., 1, 1836: 123.
- 1845 *Emys subtrijuga* Schlegel & Müller in Temminck, Verh. Natuur. Gesch. Nederl. Overzee. Bezitt., 3, Rept.: 30. – Type locality: Java.
- 1863 *Emys nuchalis* Blyth, J. Asiat. Soc. Bengal, 32: 82. – Type locality: Java.
- 1870 *Bellia nuchalis* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 41.
- 1870 *Damonia crassiceps* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 43. – Type locality: China (in error).
- 1871 *Damonia oblonga* Gray, Ann. Mag. Natur. Hist., (4) 8: 367. – Type locality: Batavia.
- 1889 *Cistudo gibbosa* Bleeker in Boulenger (nomen nudum), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 95.
- 1889 *Damonia subtrijuga* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1909 *Geoclemmys subtrijuga* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 476.
- 1931 *Malayemys subtrijuga* – Lindholm, Zool. Anz., 97: 30.
- 1941 *Damonia oblongua* Bourret (ex errore), Tortues de l'Indochine: 162.
- 2002 *Malayameys subtrijuga* Fong, Parham & Fu (ex errore), Russ. J. Herpetol., 9: 10.

**Distribution:** Mekong River Basin of northeastern Thailand, Laos, Cambodia, and southern Vietnam; Java (Brophy 2004, 2005).

**Comment:** For the publication date of *Emys subtrijuga* Schlegel & Müller, 1845, often wrongly given with 1844, see Husson & Holthuis (1955).

***Mauremys* Gray, 1869**

- 1869 *Mauremys* Gray, Proc. Zool. Soc. London, 1869: 500. – Subsequently designated type species (Lindholm 1929): *Mauremys fuliginosa* (Gray, 1860) = *Mauremys leprosa leprosa* (Schweigger, 1812).
- 1870 *Emmenia* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 38. – Type species (by monotypy): *Emmenia grayi* (Günther, 1869) = *Mauremys caspica siebenrocki* Wischuf & Fritz, 1997.
- 1870 *Eryma* Gray (non *Eryma* Meyer, 1840 = †Crustacea; non *Eryma* Albers, 1854 = Gastropoda; non *Eryma* Förster, 1868 = Hymenoptera), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 44. – Type species (by monotypy): *Eryma laticeps* (Gray, 1854) = *Mauremys leprosa leprosa* (Schweigger, 1812).
- 1870 *Ocadia* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 35. – Type species (by monotypy): *Ocadia sinensis* (Gray, 1834) = *Mauremys sinensis* (Gray, 1834).
- 1931 *Cathaiemys* Lindholm, Zool. Anz., 97: 29. – Type species (by monotypy): *Cathaiemys mutica* (Cantor, 1842) = *Mauremys mutica mutica* (Cantor, 1842).



- 1931 *Pseudocadia* Lindholm, Zool. Anz., 97: 30. – Type species (by monotypy): *Pseudocadia anyangensis* (Ping, 1930) = *Mauremys sinensis* (Gray, 1834.)
- 1931 *Chinemys* Smith, Fauna Brit. India, Rept. Amphib., 1: xxvii. – Type species (by monotypy): *Chinemys reevesii* (Gray, 1831) = *Mauremys reevesii* (Gray, 1831).
- 1939 *Annamemys* Bourret, Ann. Bull. Gén. Instruct. Publ., 1939 (4): 15. – Type species (by monotypy): *Annamemys merkleni* Bourret, 1939 = *Mauremys annamensis* (Siebenrock, 1903).
- 1971 *Chinemy* Mao (ex errore), Turtles of Taiwan: 32.

**Comment:** According to Barth et al. (2004) and Spinks et al. (2004), the genus *Mauremys* Gray, 1869 auct. is paraphyletic with respect to the long-recognized genera *Chinemys* Smith, 1931 and *Ocadia* Gray, 1870, with *M. leprosa* being the sister-taxon of three other clades, (*M. japonica* + *Chinemys* auct. + *Ocadia* auct.), (*M. annamensis* + *M. mutica*), and (*M. caspica* + *M. rivulata*). As outlined by Barth et al. (2004), there are two ways of resolving this situation on the generic level: (1) lump all species into an expanded genus *Mauremys*, or (2) to recognize four genera, reflecting the four distinct clades. Spinks et al. (2004) decided to use the first option and relegated *Chinemys* and *Ocadia* into the synonymy of *Mauremys*.

The descriptions of five nominal species within the genus *Mauremys* sensu lato (Pritchard & McCord 1991, Qin 1992, McCord & Iverson 1992, 1994, McCord 1997) were based on hybrids. Specimens of *M. iversoni* Pritchard & McCord, 1991 turned out to be hybrids between *M. mutica* (Cantor, 1842) and *Cuora trifasciata* (Bell, 1825), while *M. pritchardi* McCord, 1997 represents hybrids between *M. mutica* and *M. reevesii* (Gray, 1831). *Ocadia glyphistoma* McCord & Iverson, 1994 is a hybrid between *Mauremys* (formerly *Ocadia*) *sinensis* (Gray, 1831) and *Mauremys* cf. *annamensis* (Siebenrock, 1903). *Ocadia philippeni* McCord & Iverson, 1992 resulted from hybridization of *Mauremys* (formerly *Ocadia*) *sinensis* and *Cuora trifasciata* (Parham et al. 2001, Wink et al. 2001, Spinks et al. 2004, Stuart & Parham 2007). According to Iverson & McCord (1994), the name-bearing type of *Clemmys guangxiensis* Qin, 1992 is a specimen of *M. iversoni*.

### *Mauremys annamensis* (Siebenrock, 1903)

- 1903 *Cyclemys annamensis* Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 112: 341; plate 2. – Type locality: Phuc-Son, Annam.
- 1927 *Cuora (Cyclemys) annamensis* – Bourret, Faune de l'Indochine. Reptiles: 213.
- 1939 *Annamemys merkleni* Bourret, Ann. Bull. Gén. Instruct. Publ., 1939 (4): 15; fig. 4. – Type locality: Fai-Fo, central Annam.
- 1953 *Annamemys annamensis* – Savage, Ann. Mag. Natur. Hist., (12) 6: 471.
- 1957 *Annamemys mekleni* Tien (ex errore), Zool. J. (Moscow), 36: 1214.
- 1994 *Mauremys annamensis* – Iverson & McCord, J. Herpetol., 28: 178.
- 1996 *Annamemys annamemys* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: 214.
- 2006 *Cathaiemys annamensis* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 3.

**Distribution:** Central Vietnam, perhaps South Vietnam (Le et al. 2004).

### *Mauremys caspica* (Gmelin, 1774)

**Distribution:** From central Anatolia over the continental parts of east Anatolia (Turkey) and the Transcaucasus to the southern coast of the Caspian Sea; Mesopotamia southward to the Shatt al Arab, the Karkheh and Karun River Basins and along the northern coast of the Persian Gulf to the regions of Borazjan and Kazerun (Iran); relict populations in Saudi Arabia and on the island of Bahrain (Fritz & Wischuf 1997).

### *Mauremys caspica caspica* (Gmelin, 1774)

- 1774 *Testudo caspica* Gmelin, Reise durch Rußland, 3: 59; plates 10–11. – Type locality: Pusahat [Pirsagat] creek near Schemacha [Shemakha, Azerbaijan].
- 1812 *Emys caspica* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 306.
- 1830 *Clemmys caspica* – Wagler, Natürl. Syst. Amphib.: 137.

- 1831 *Emys caspia* Rüppell in Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9.  
 1831 *Testudo caspia* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9.  
 1832 *Terrapene caspica* – Bonaparte, Saggio distr. met. anim. vertebr.: 28.  
 1909 *Clemmys [caspica] caspica* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 479.  
 1964 *Mauremys caspica* – McDowell, Proc. Zool. Soc. London, 143: 253.  
 1966 *Mauremys caspica caspica* – Pritchard, Brit. J. Herpetol., 3: 271.

**Distribution:** From central Anatolia over continental parts of east Anatolia (Turkey) and the Transcaucasus to the southern coast of the Caspian Sea; northern Mesopotamia, where it intergrades with *Mauremys caspica siebenrocki* (Fritz & Wischuf 1997).

#### *Mauremys caspica siebenrocki* Wischuf & Fritz, 1997

- 1869 *Emys grayi* Günther [non *Emys grayi* Bocourt, 1868 = *Trachemys venusta grayi* (Bocourt, 1868)], Proc. Zool. Soc. London, 1869: 504; plate 38. – Type locality: Basrah, Iraq.  
 1870 *Emmenia grayi* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 38.  
 1996 *Mauremys caspica siebenrocki* Wischuf in Maran (nomen nudum), CITS Bull., 1996 (17): 17.  
 1997 *Mauremys caspica siebenrocki* Wischuf & Fritz in Fritz & Wischuf, Zool. Abh. Mus. Tierk. Dresden, 49: 223; fig. 10. – Type locality: Kerbela, Iraq.  
 2002 *Mauremys caspica siebenrockii* Bour in Bour et al. (ex errore), Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Central and southern Mesopotamia, approximately from Bagdad southward to the Shatt al Arab, the Karkheh and Karun River Basins and along the northern coast of the Persian Gulf to the regions of Borazjan and Kazerun (Iran); relict populations in Saudi Arabia and on the island of Bahrain (Fritz & Wischuf 1997).

#### *Mauremys caspica ventrimaculata* Wischuf & Fritz, 1996

- 1996 *Mauremys caspica ventrimaculata* Wischuf & Fritz, Salamandra, 32: 113; figs 2–3. – Type locality: Tang-e Karam (Tang-i-Kerim; 29°33'N 53°38'E), “70 miles east of Shiraz”, Iran.  
 1996 *Mauremys caspica schiras* Wischuf in Maran (nomen nudum), CITS Bull., 1996 (17): 17.  
 2003 *Mauremys caspica ventriculata* Obst (ex errore), Draco, 4 (13): 17.

**Distribution:** Kor River and Maharloo Basins, southern Iran.

#### *Mauremys japonica* (Temminck & Schlegel, 1835)

- 1835 *Emys vulgaris japonica* Temminck & Schlegel in Siebold, Fauna Japon., Rept.: 139; plate 8: figs 1–4, plate 9. – Type locality: Japan.  
 1844 *Emys japonica* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 19.  
 1851 *Emys caspica* var. *japonica* – Duméril & Bibron in Duméril & Duméril, Cat. méthod. Coll. Rept.: 8.  
 1862 *Clemmys japonica* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1964 *Mauremys japonica* – McDowell, Proc. Zool. Soc. London, 143: 253.  
 2006 *Ocadia japonica* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 6.

**Distribution:** Japan (Honshu, Kyoshu, and Shikoku).

#### *Mauremys leprosa* (Schweigger, 1812)

**Distribution:** Iberian Peninsula, adjacent France; northwestern Africa from Morocco eastward to western Libya.

*Mauremys leprosa leprosa* (Schweigger, 1812)

- 1812 *Emys leprosa* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 298. – Restricted type locality (Mertens & Müller 1940): southern Spain.
- 1812 *Emys lutescens* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 302. – Restricted type locality (hoc loco): southern Spain.
- 1824 *Emys marmorea* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 13; plate 10. – Restricted type locality (hoc loco): southern Spain.
- 1829 *Clemmys sigriz* Michahelles, Isis (Oken), 22: 1295. – Type locality: southern Spain.
- 1831 *Emys vulgaris* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9. – Type locality: southern Europe.
- 1831 *Emys sigrizii* Gray (ex errore), Synops. Rept., 1 (Cataphracta): 24.
- 1832 *Terrapene sigriz* – Bonaparte, Saggio Distr. met. Anim. Vertebr.: 29.
- 1835 *Emys sigriz* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 240.
- 1835 *Clemmys (Clemmys) leprosa* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1835 *Clemmys (Clemmys) lutescens* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1854 *Emys laticeps* Gray, Proc. Zool. Soc. London, 1852: 134. – Designated type locality (hoc loco): Tétouan, Morocco.
- 1860 *Emys fuliginosus* Gray, Proc. Zool. Soc. London, 1860: 232; plate 30. – Restricted type locality (hoc loco): Tétouan, Morocco.
- 1862 *Clemmys fuliginosa* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1862 *Clemmys laticeps* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1862 *Clemmys marmorea* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1869 *Emys flavipes* Gray, Proc. Zool. Soc. London, 1869: 643; plate 50. – Restricted type locality (hoc loco): southern Spain.
- 1869 ? *Emys fraseri* Gray, Proc. Zool. Soc. London, 1869: 643. – Restricted type locality (Gray 1873): Algiers.
- 1869 *Mauremys fuliginosa* – Gray, Proc. Zool. Soc. London, 1869: 500.
- 1869 *Mauremys laniaria* Gray, Proc. Zool. Soc. London, 1869: 499; plate 37. – Restricted type locality (hoc loco): southern Spain.
- 1870 *Emys laniaria* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 37.
- 1870 *Eryma laticeps* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 45.
- 1873 *Emys lamaria* Gray (ex errore), Hand-List Spec. Shield Rept. Brit. Mus.: 36.
- 1874 *Emys caspica* var. *leprosa* – Boettger, Abh. Senckenb. naturforsch. Ges., 9: 126.
- 1882 *Clemmys caspica sigriz* – Bedriaga, Bull. Soc. Nat. Mosc., 56: 340.
- 1890 *Clemmys caspica leprosa* – Bedriaga, Inst. Rev. Sc. Coimbra, 38: 203.
- 1969 *Mauremys caspica leprosa* – Młynarski, Fossile Schildkr.: 78.
- 1978 *Mauremys leprosa* – Bour, C. R. Hebd. Séanc. Acad. Sci., D, 287: 492.
- 1996 *Mauremys leprosa atlantica* Schleich, Spixiana, Suppl. 22: 29; fig. 2:4; plate 1. – Type locality: Larache, northern Morocco.
- 1996 *Mauremys leprosa erhardi* Schleich, Spixiana, Suppl. 22: 29; fig. 2:5; plate 2. – Type locality: NNE Taza (35°25'32.8N 2°52'11.8W), northern Morocco.
- 1996 *Mauremys leprosa marokkensis* Schleich, Spixiana, Suppl. 22: 29; fig. 2:1; plate 4. – Type locality: approximately 2 km NE Tahanaoute/crossroads S 501, a few kilometres to Aguelmous; S Marrakech, Morocco.
- 1996 *Mauremys leprosa wernerkaestlei* Schleich, Spixiana, Suppl. 22: 29; fig. 2:6; plate 3. – Type locality: Oued Oum er Rbia (32°44'55.1N 5°41'10.7W), south of Khenifra, northern Morocco.
- 1997 *Mauremys leprosa leprosa* – McCord, Chelon. Conserv. Biol., 2: 559.
- 2006 *Mauremys leprosa erhardii* Fritz, Barata, Busack, Fritzsich & Castilho (ex errore), Zool. Scr., 35: 105.

Distribution: Iberian Peninsula, adjacent France; northern Morocco, probably part of Algeria.

*Mauremys leprosa saharica* Schleich, 1996

- 1869 ? *Emys fraseri* Gray, Proc. Zool. Soc. London, 1869: 643. – Restricted type locality (Gray 1873): Algiers.

- 1996 *Mauremys leprosa saharica* Schleich, Spixiana, Suppl. 22: 29; fig. 2:2; plate 5. – Type locality: Fort Bou Jerif, Goulmime, southwestern Morocco.
- 1996 *Mauremys leprosa zizi* Schleich, Spixiana, Suppl. 22: 29; fig. 2:3; plate 6. – Type locality: Oued Ziz, southern Morocco.
- 1999 *Mauremys leprosa vanmeerhaeghei* Bour & Maran, Manouria, 1 (2): 25; figs pp. 22, 25 (bottom), 34–35, 36 (top left), 38 (7–9), 42 (bottom), 43, 46–48, 49 (right). – Type locality: oasis of Sidi el Mehdaoui (29°30'N 8°00'W), approximately 30 km south of Tata, Tata Province, southern Morocco.
- 1999 *Mauremys leprosa vanmerhaeghei* Bour & Maran (ex errore), Manouria, 1 (2): 43.
- 2005 *Mauremys leprosa vanmeerhaeghei* Fritz, Fritzsich, Lehr, Ducotterd & Müller (ex errore), Salamandra, 41: 97.

**Distribution:** Southern Morocco, Tunisia, at least eastern Algeria, probably western Libya.

### *Mauremys megalcephala* (Fang, 1934)

- 1934 *Chinemys megalcephala* Fang, Sinesia, 4: 158; figs 6–7. – Type locality: hillsides near Nanking City [Nanjing Shi], Jiangsu Province, China.
- 1941 *Chinemys macrocephala* Bourret (ex errore), Tortues de l'Indochine: 140.
- 2003 *Chinemys megacephala* Gurley (ex errore), Keep. Breed. Freshw. Turtl.: 268.
- 2004 *Mauremys megalcephala* – Spinks, Shaffer, Iverson & McCord, Mol. Phylogenet. Evol., 32: 169.

**Distribution:** Eastern and southeastern China (Jiangsu, Hubei, and Guangxi; Zhao & Adler 1993).

**Comment:** Iverson et al. (1989) treated *Mauremys megalcephala* (Fang, 1934) as a molluscivorous morph of *M. reevesii* (Gray, 1831). Barth et al. (2003) found identical mtDNA haplotypes in both species, suggesting either support for the hypothesis by Iverson et al. (1989) or recently split species, introgression, a hybrid origin, or ancestral polymorphism (incomplete lineage sorting).

### *Mauremys mutica* (Cantor, 1842)

**Distribution:** Vietnam, southern China (incl. Hainan and Taiwan Islands), Japan.

**Comment:** For decades, the name *Clemmys* (or *Mauremys*) *nigricans* was used for *Mauremys mutica* (Cantor, 1842). However, Iverson & McCord (1989) demonstrated that the name *Emys nigricans* Gray, 1834 refers properly to the Chinese dumb-headed turtle, *Mauremys* (formerly *Chinemys*) *nigricans* (Gray, 1834), which was known before under its junior synonym *Chinemys kwangtungensis* (Pope, 1934). Synonymizing the genus *Chinemys* Smith, 1931 with *Mauremys* Gray, 1869 (Spinks et al. 2004) resulted in combining the generic name *Mauremys* with the species name *nigricans* again, but the name refers now to another taxon (= *Chinemys kwangtungensis* auct.) as in its previous usage (= *Mauremys mutica*). It is expected that this will contribute to further substantial confusion regarding literature data for either species.

### *Mauremys mutica mutica* (Cantor, 1842)

- 1842 *Emys muticus* Cantor, Ann. Mag. Natur. Hist., (1) 9: 482. – Type locality: Chusan Island, China.
- 1844 *Emys mutica* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 18.
- 1888 *Clemmys mutica* – Boettger, Ber. Offenbacher Ver. Naturk., 1888: 105.
- 1889 *Damonia mutica* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1894 *Clemmys schmackeri* Boettger, Ber. Senckenb. naturforsch. Ges., 1894: 129; plate 3: figs 1a–b. – Type locality: Hainan Island, China?
- 1909 *Geoclemys mutica* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 478.
- 1931 *Cathaiemys mutica* – Lindholm, Zool. Anz., 97: 29.
- 1957 *Annamemys grochovskiae* Tien, Zool. J. (Moscow), 36: 1214; figs a–d. – Type locality: forest near Vinh-Linh, Quang Tri Province, central Vietnam.

- 1960 *Annamemys groeliovskiae* Battersby (ex errore), Zool. Rec., Rept., 1957: 88.  
 1964 *Mauremys mutica* – McDowell, Proc. Zool. Soc. London, 143: 253.  
 1991 *Mauremys muica* Zhou & Zhou (ex errore), Chin. Chelon. illustr.: 5.  
 1994 *Mauremys grochovskiae* – Iverson & McCord, J. Herpetol., 28: 182.  
 1996 *Mauremys mutica mutica* – Yasukawa, Ota & Iverson, Zool. Sci., 13: 311.  
 2006 *Cathaiemys mutica mutica* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 3.

**Distribution:** Vietnam, southern China (incl. Hainan and Taiwan Islands); introduced in Japan.

***Mauremys mutica kami* Yasukawa, Ota & Iverson, 1996**

- 1996 *Mauremys mutica kami* Yasukawa, Ota & Iverson, Zool. Sci., 13: 303; figs 7a–c. – Type locality: Okawa, Ishigakijima Island, Yaeyama Group, Ryukyu Archipelago, Japan.  
 2002 *Mauremys mutica karni* Ferri (ex errore), Turtles & Tortoises: 247.  
 2006 *Cathaiemys mutica kami* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 3.

**Distribution:** Southern Japan (Akusekijima, Akajima, Sesokojima, Okinawajima, Ishigakijima, Iriomotejima, Yonagunijima Islands). Turtles morphologically resembling *Mauremys mutica kami* Yasukawa, Ota & Iverson, 1996 occur also on the Chinese mainland and could represent the same taxon.

***Mauremys nigricans* (Gray, 1834)**

- 1834 *Emys nigricans* Gray [non *Clemmys nigricans* sensu Mertens & Wermuth 1955 = *Mauremys nigricans* sensu Wermuth & Mertens 1977 = *Mauremys mutica mutica* (Cantor, 1842)], Proc. Zool. Soc. London, 1834: 53. – Type locality: Canton Region, China.  
 1856 *Emys nigracans* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: plate 6.  
 1862 *Clemmys nigricans* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1869 *Damonia nigricans* – Gray, Proc. Zool. Soc. London, 1869: 195.  
 1934 *Chinemys nigricans* – Fang, Sinensia, 4: 151.  
 1934 *Geoclemys kwangtungensis* Pope, Amer. Mus. Novit., 691: 1. – Type locality: Lofaoshan [Mt. Luofu], Kwangtung [Guangdong] Province, China.  
 1938 *Clemmys kuangtungensis* Mell (ex errore), Arch. Naturgesch. (N.F.), 7: 411.  
 1941 *Chinemys kwangtungensis* – Bourret, Tortues de l'Indochine: 91.  
 1941 ? *Geoclemys palaeannamitica* Bourret, Ann. Bull. Gén. Instruct. Publ., 1940: 10; plate 2. – Type locality: grotto of Dong-Giao, Vietnam (early Neolithic period).  
 1980 ? *Chinemys palaeannamitica* – Bour, Amphibia-Reptilia, 1: 149.  
 2004 *Mauremys nigricans* – Spinks, Shaffer, Iverson & McCord, Mol. Phylogenet. Evol., 32: 179.

**Distribution:** Southeastern China (Guangdong and Guangxi; Zhao & Adler 1993). Literature records for *Mauremys nigricans* (Gray, 1834) in northern Vietnam refer to the species now known as *M. mutica* (Cantor, 1842) (Iverson et al. 1989); however, the subfossil remains described as *Geoclemys palaeannamitica* Bourret, 1941 suggest that *M. nigricans* once occurred in Vietnam indeed.

**Comment:** See under *Mauremys mutica* (Cantor, 1842).

***Mauremys reevesii* (Gray, 1831)**

- 1831 *Emys reevesii* Gray, Synops. Rept., 1 (Cataphracta): 73. – Type locality: China.  
 1835 *Clemmys (Clemmys) reevesii* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1844 *Emys vulgaris picta* Schlegel, Abbild. Amphib.: 127; plate 41: figs 1–3; plate 42. – Type locality: Japan.  
 1851 *Emys japonica* Duméril & Bibron in Duméril & Duméril (nomen novum pro *Emys vulgaris picta* Schlegel, 1844), Cat. méthod. Coll. Rept.: 8.  
 1856 *Geoclemys reevesii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 18.

- 1869 *Damonia reevesii* – Gray, Proc. Zool. Soc. London, 1869: 194.  
 1873 *Damonia unicolor* Gray, Ann. Mag. Natur. Hist., (4) 12: 78. – Type locality: Shanghai?  
 1873 *Clemmys unicolor* – Sclater, Proc. Zool. Soc. London, 1873: 517.  
 1889 *Damonia reevesii* var. *unicolor* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 96.  
 1907 *Geoclemys [reevesii] reevesii* – Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 116: 1758.  
 1907 *Geoclemys reevesii unicolor* – Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 116: 1759.  
 1924 *Geoclemmys reevesi* Vogt (ex errore), Zool. Anz., 60: 337.  
 1925 *Geoclemys grangeri* Schmidt, Amer. Mus. Novit., 157: 1. – Type locality: Yenchingkao [Yanjinggou], Wanhsien [Wan Co.], Szechwan [Sichuan], China.  
 1929 *Geoclemys paracaretta* Chang, Contrib. Biol. Lab. Sci. Soc. China, Ser. Zool., 5: 1; fig. – Type locality: Fochow [Fuzhou Shi], Fujian Province, China.  
 1929 *Geoclemys reevesi grangeri* – Mell, Beitr. Fauna Sinica, 4: 16.  
 1931 *Chinemys reevesi* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxvii.  
 1934 *Geoclemys papacaretta* Fang (ex errore), Sinesia, 4: 151.  
 1941 *Emys reevesi* – Bourret, Tortues de l'Indochine: 16.  
 1955 *Chinemys reevesii* – Mertens & Wermuth, Zool. Jb., Syst., 83: 328.  
 1971 *Chinemy reevesi* – Mao, Turtles of Taiwan: 32.  
 1979 *Chinemys grangeri* – Pritchard, Encyclopedia of Turtles: 221.  
 1988 ? *Chinemys pani* Tao, J. Taiwan Mus., 38: 45; figs 2–4; text-figs 1–3; pls 1–5. – Type locality: Tsochen, Tsai-liao-chi, Tainan Co., Taiwan, China (Pleistocene).  
 1996 *Chinemys reevesi* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 461.  
 1996 *Chinemys reevesii* Fritz in Günther (ex errore), Amphib. Rept. Deutschlands: 534.  
 2004 *Mauremys reevesii* – Spinks, Shaffer, Iverson & McCord, Mol. Phylogenet. Evol., 32: 169.

**Distribution:** Throughout China except the western regions and the northeast, but including Hong Kong and Taiwan; Korea and Japan (Zhao & Adler 1993).

### ***Mauremys rivulata* (Valenciennes, 1833)**

- 1833 *Emys rivulata* Valenciennes in Bory de Saint-Vincent [non *Emys rivulata* Gray, 1844 = *Pseudemys rubriventris* (LeConte, 1830)], Expéd. sci. Morée, Atlas: plate 9: fig. 2. – Restricted type locality (Mertens & Müller 1928): vicinity of Modon, Peloponnese, Greece.  
 1869 *Emys tristrami* Gray, Proc. Zool. Soc. London, 1869: 190. – Restricted type locality (Gray 1873): “Jabook River” = Yarmuk River (Boulenger 1889).  
 1870 *Emys caspica* var. *arabica* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 36. – Restricted type locality (Gray 1873): Mount Carmel.  
 1870 *Emys pannonica* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 36. – Type locality: Xantos.  
 1873 *Emys tristram* Gray (ex errore), Hand-List Spec. Shield Rept. Brit. Mus.: 35.  
 1873 *Emys arabica* – Gray, Ann. Mag. Natur. Hist., (4) 11: 298.  
 1881 *Clemmys caspica orientalis* Bedriaga, Bull. Soc. Natural. Moscou, 56: 335. – Type localities: Athens, Nauplia, Milo, Mykonos, Syra, Tinos, Siphnos and Seriphos.  
 1889 *Clemmys caspica* var. *rivulata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 104.  
 1912 *Clemmys caspica* var. *obsoleta* Schreiber, Herpetol. europ., 2nd ed.: 946. – Restricted type locality (Wermuth & Mertens 1961): Bocche di Cattaro [Bay of Kotor], southern Dalmatia.  
 1946 *Clemmys caspica cretica* Mertens, Senckenbergiana, 27: 115; figs 1–3. – Type locality: Rapaniana, Crete.  
 1969 *Mauremys caspica rivulata* – Młynarski, Fossile Schildkr.: 78.  
 1994 *Mauremys rivulata* – Bour in David, Dumerilia, 1: 88.  
 1996 *Mauremys rivulata rivulata* – Maran, CITS Bull., 1996 (17): 17.

- 1996 *Mauremys rivulata tristrami* – Maran, CITS Bull., 1996 (17): 17.  
 1996 *Mauremys caspica cretica* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 194.  
 2006 *Emmenia rivulata* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 160.  
 2006 *Mauremys rivulata cretica* – Bonin, Devaux & Dupré, Turtles of the World: 334.

**Distribution:** From central Dalmatia along the sea coasts to Greece, European Turkey and Bulgaria; in Anatolia along the Mediterranean coast southwards over the Levantine region to the northern Negev Desert in Israel; range includes many Mediterranean islands (among others Cyclades, Crete, Cyprus; Fritz & Wischuf 1997).

### ***Mauremys sinensis* (Gray, 1834)**

- 1834 *Emys sinensis* Gray, Proc. Zool. Soc. London, 1834: 53. – Type locality: southern China.  
 1844 *Emys bennettii* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 21. – Type locality: “North America?” (in error).  
 1857 *Graptemys sinensis* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 436.  
 1862 *Clemmys bennettii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1862 *Clemmys sinensis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1870 *Emys chinensis* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 28.  
 1870 *Ocadia sinensis* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 35.  
 1930 *Testudo anyangensis* Ping, 1930, Bull. Fan Mem. Inst. Biol. (Peiping), 1: 217. – Type locality: Anyang [Anyang Shi] Hsien archeological ruins, Henan Province, China (subrecent material from Ying Dynasty).  
 1931 *Pseudocadia anyangensis* – Lindholm, Zool. Anz., 97: 30.  
 1988 ? *Ocadia sinensis changwui* Tao, Acta Zool. Taiwanica, 2: 229; figs 1–2; text-figs 2–3. – Type locality: Penghu Channel, Taiwan Strait, Taiwan, China (Late Pleistocene).  
 2003 *Ocadia sinensis sinensis* – Artner, Emys, 10 (6): xvi.  
 2004 *Mauremys sinensis* – Spinks, Shaffer, Iverson & McCord, Mol. Phylogenet. Evol., 32: 169.

**Distribution:** Hainan Island (Smith 1923), Taiwan, southern mainland China, and westward to at least the Red River watershed of Vietnam.

### ***Melanochelys* Gray, 1869**

- 1869 *Melanochelys* Gray, Proc. Zool. Soc. London, 1869: 187. – Type species (by monotypy): *Melanochelys trijuga* (Schweigger, 1812) = *Melanochelys trijuga trijuga* (Schweigger, 1812).  
 1876 *Chaibassia* Theobald, Descript. Cat. Rept. Brit. India: 6. – Type species (by monotypy): *Chaibassia tricarinata* (Blyth, 1856) = *Melanochelys tricarinata* (Blyth, 1856).

### ***Melanochelys tricarinata* (Blyth, 1856)**

- 1856 *Geomyda tricarinata* Blyth, J. Asiat. Soc. Bengal, 24: 714. – Type locality: Chaibassa District, Chota Nagpur.  
 1870 *Geoemyda tricarinata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 26.  
 1876 *Chaibassia tricarinata* – Theobald, Descript. Cat. Rept. Brit. India: 6.  
 1879 *Chaibassia theobaldi* Anderson, Zool. Res. Yunnan, 1878: 718. – Type locality: Bishnath Plain (= Biswanath Plains), northern Assam.  
 1889 *Nicoria tricarinata* – Lydekker, J. Asiat. Soc. Bengal, 58: 327.  
 1889 *Nicoria tricarinata* var. *sivalensis* Lydekker, Cat. Foss. Rept. Amphib. Brit. Mus. (Natur. Hist.), 3: 100. – Type locality: Sivalik Hills [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].  
 1964 *Melanochelys tricarinata* – McDowell, Proc. Zool. Soc. London, 143: 268.  
 1976 *Nicoria sivalensis* – Młynarski, Handbuch Paläoherpetol., 7: 82.

1991 *Melanochelys tricarinata* Das (ex errore), Colour Guide Turtl. Tort. Indian Subcon.: 12.

**Distribution:** Northeastern India, Bangladesh, Nepal.

***Melanochelys trijuga* (Schweigger, 1812)**

**Distribution:** Patchy range including parts of India, Nepal, Myanmar, Bangladesh, Sri Lanka, the Maldivic Islands, and the Chagos Archipelago; allegedly Tak and Mae Hong Son Provinces, Thailand.

***Melanochelys trijuga trijuga* (Schweigger, 1812)**

- 1758 ? *Testudo scabra* Linnaeus [non *Testudo scabra* sensu Agassiz 1857 = *Trachemys scabra* sensu Agassiz 1857 = *Pseudemys scabra* sensu Cope 1875 = *Chrysemys scabra* sensu Ditmars 1907 = *Trachemys scripta scripta* (Schoepff, 1792)], Syst. Natur., Ed. 10, 1: 198. – Type locality: India.
- 1812 *Emys trijuga* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 310. – Type locality: Java (in error).
- 1834 *Emys belangeri* Lesson in Bélanger, Voy. Ind.-Orient., Zool.: 291; plate 1. – Restricted type locality (Smith 1931): Bengal.
- 1835 *Clemmys (Clemmys) trijuga* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.
- 1869 *Melanochelys trijuga* – Gray, Proc. Zool. Soc. London, 1869: 187.
- 1879 *Emys trijuga* var. *madrassetana* Anderson, Zool. Res. Yunnan, 1878: 729. – Type locality: Madras.
- 1885 *Clemmys theobaldi* Lydekker, Palaeontol. Ind. (10) iii: 173; plate 20: figs 2, 2a–b. – Type locality: Sivaliks, Jahnd in the Punjab [Late Pliocene (Tatrot formation) or Early Pleistocene (Pinjor formation)].
- 1889 *Bellia theobaldi* – Lydekker, Cat. Foss. Rept. Amphib. Brit. Mus. (Natur. Hist.), 3: 108.
- 1889 *Nicoria trijuga* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1909 *Geoemyda [trijuga] trijuga* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 495.
- 1915 *Geoemyda trijuga plumbea* Annandale, Rec. Ind. Mus., 11: 192. – Type locality: Coorg, eastern slope of the Western Ghats, southeast of Madras District, southern India.
- 1939 *Melanochelys trijuga* – Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 269.
- 1979 *Melanochelys trijuga trijuga* – Pritchard, Encyclopedia of Turtles: 205.
- 1996 *Melanochelys trijuga* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: 207.

**Distribution:** Peninsular India (extending from just north of Bombay southward to Coorg in the west, to about Bezwada southward, and to Cuddalore in the east).

***Melanochelys trijuga coronata* (Anderson, 1879)**

- 1879 *Emys trijuga* var. *coronata* Anderson, Zool. Res. Yunnan, 1878: 729. – Type locality: Travancore.
- 1908 *Nicoria trijuga* var. *coronata* – Bruner, Bl. Aqu.- u. Terr.-Kunde, 19: 721.
- 1909 *Geoemyda trijuga coronata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 496.
- 1979 *Melanochelys trijuga coronata* – Pritchard, Encyclopedia of Turtles: 206.

**Distribution:** Southwestern coast of peninsular India (from Calicut southward through Travancore).

***Melanochelys trijuga edeniana* Theobald, 1876**

- 1876 *Melanochelys edeniana* Theobald, Descript. Cat. Rept. Brit. India: 12. – Type localities: Arakan, Pegu, and Tenasserim.
- 1879 *Emys trijuga* var. *burmana* Anderson, Zool. Res. Yunnan, 1878: 723; plates 57–58. – Restricted type locality (Smith 1931): Bhamô, Burma.
- 1889 *Nicoria trijuga* var. *edeniana* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 123.
- 1909 *Geoemyda trijuga edeniana* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 496.



- 1939 *Melanochelys trijuga edeniana* – Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 269.  
 1941 *Emys trijuga edeniana* – Bourret, Tortues de l'Indochine: 20.  
 1979 *Geoemyda trijuga wiroti* Reimann in Nutaphand, Turtles of Thailand: 177; figs 66–68. – Type locality: Thai-Burmese border area in Tak and Mae Hong Son Provinces, Thailand.  
 1989 *Melanochelys trijuga wiroti* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 3.  
 2002 *Melanochelys edeniana edeniana* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.  
 2002 *Melanochelys edeniana wiroti* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Myanmar (Arakan, Bhamo, Karenni Hills, Moulmein) and allegedly Tak and Mae Hong Son Provinces, Thailand (for Thai records see Thirakhupt & van Dijk 1995).

### *Melanochelys trijuga indopeninsularis* (Annandale, 1913)

- 1913 *Geoemyda indopeninsularis* Annandale, Rec. Ind. Mus., 9: 71; plate 5: figs 1–2. – Restricted type locality (Smith 1931): Singhbhum District, Chota Nagpur.  
 1931 *Geoemyda trijuga indopeninsularis* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxvii.  
 1939 *Melanochelys trijuga indopeninsularis* – Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 269.  
 2002 *Melanochelys edeniana indopeninsularis* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Northeastern India, northern Bangladesh, Nepal.

### *Melanochelys trijuga parkeri* Deraniyagala, 1939

- 1939 *Melanochelys trijuga parkeri* Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 269; plate 16: figs 1–2. – Type locality: Polonnaruva, Ceylon.  
 1955 *Geoemyda trijuga parkeri* – Mertens & Wermuth, Zool. Jb., Syst., 83: 329.

**Distribution:** Lowlands of Sri Lanka.

**Comment:** Deraniyagala (1939) reports *Melanochelys trijuga parkeri* Deraniyagala, 1939 in part from the same localities (Marichchukate, Polonnaruva) as *M. t. thermalis* (Lesson, 1830). This situation requires clarification.

### *Melanochelys trijuga thermalis* (Lesson, 1830)

- 1830 *Emys thermalis* Lesson, Centur. zool.: 86; plate 29. – Type locality: thermal springs of Cannia near Trinquemale, Ceylon.  
 1831 *Emys sebae* Gray, Synops. Rept., 1 (Cataphracta): 75. – Type locality: Ceylon.  
 1844 *Emys seba* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 19.  
 1856 *Geoclemys seba* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 18.  
 1862 *Clemmys thermalis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1870 *Melanochelys sebae* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 34.  
 1879 *Emys trijuga* var. *sebae* – Anderson, Zool. Res. Yunnan, 1878: 279.  
 1889 *Nicoria trijuga* var. *thermalis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 122.  
 1909 *Geoemyda trijuga thermalis* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 496.  
 1939 *Melanochelys trijuga thermalis* – Deraniyagala, Tetrapod Rept. Ceylon, 1, Testud.: 244.

**Distribution:** Southeastern coast of peninsular India, Maldive Islands, Chagos Archipelago, Sri Lanka.

**Morenia** Gray, 1870

- 1870 *Morenia* Gray (non *Morenia* Ameghino, 1886 = †Mammalia, Rodentia), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 62. – Subsequently designated type species (Lindholm 1929): *Morenia berdmorei* (Blyth, 1859) = *Morenia ocellata* (Duméril & Bibron, 1835).

***Morenia ocellata*** (Duméril & Bibron, 1835)

- 1835 *Emys ocellata* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 329; plate 15: figs 1, 1a. – Type locality: Bengal (in error).  
 1856 *Batagur (Kachuga) ocellata* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 36.  
 1859 *Emys berdmorei* Blyth, J. Asiat. Soc. Bengal, 27: 281. – Type locality: Sitang Valley?, Pegu, Burma.  
 1859 *Emys berdmorei* Blyth (ex errore), J. Asiat. Soc. Bengal, 27: 281.  
 1862 *Clemmys ocellata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1863 *Batagur berdmorei* – Blyth, J. Asiat. Soc. Bengal, 32: 82.  
 1868 *Batagur berdmorei* Theobald (ex errore), Cat. Rept. Mus. Asiat. Soc. Bengal: 12.  
 1869 *Kachuga berdmorei* Gray (ex errore), Proc. Zool. Soc. London, 1869: 204.  
 1870 *Morenia berdmorei* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 62.  
 1870 *Morenia ocellata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 63.  
 1889 *Batagur berdmorei* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 67.  
 1889 *Kachuga berdmorei* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 67.

Distribution: Southern Myanmar.

***Morenia petersi*** (Anderson, 1879)

- 1879 *Batagur (Morenia) petersi* Anderson, Zool. Res. Yunnan, 1878: 761; plates 59, 75b: figs 6–10. – Type localities: Huzurapur (Jessore District), Furreedpore and Dacca.  
 1889 *Morenia petersii* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.  
 1909 *Morenia petersi* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 457.

Distribution: Northeastern India (as far west as Bihar), Bangladesh (Ernst et al. 2000); a well-documented and apparently highly disjunct population occurs in the Dudhwa National Park in Uttar Pradesh near the Nepali border (Moll & Vijaya 1986).

***Notochelys*** Gray, 1863

- 1863 *Notochelys* Gray (non *Notochelys* Owen, 1882 = †Testudines), Proc. Zool. Soc. London, 1863: 177. – Type species (by monotypy): *Notochelys platynota* (Gray, 1834).

***Notochelys platynota*** (Gray, 1834)

- 1834 *Emys platynota* Gray, Proc. Zool. Soc. London, 1834: 54. – Type locality: Sumatra.  
 1835 *Emys platynotha* Gray (ex errore), Illustr. Ind. Zool., 2: plate 57: fig 1.  
 1856 *Cyclemys platynota* – Gray, Proc. Zool. Soc. London, 1855: 198.  
 1863 *Notochelys platynota* – Gray, Proc. Zool. Soc. London, 1863: 177.  
 1881 *Cyclemys giebelii* Hubrecht, Notes Leiden Mus., 3: 45. – Type localities: Banka and Borneo.  
 1889 *Cistudo bankanensis* Bleeker in Boulenger (nomen nudum), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 131.  
 1979 *Notochelys platynota* Nutaphand (ex errore), Turtles of Thailand: 56.

Distribution: From peninsular Thailand southward through Malaysia, Sumatra, and Java to Borneo.

**Orlitia** Gray, 1873

- 1873 *Orlitia* Gray, Ann. Mag. Natur. Hist., (4) 11: 156. – Type species (by monotypy): *Orlitia borneensis* Gray, 1873.
- 1874 *Heteroclemmys* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1874: 622. – Type species (by monotypy): *Clemmys (Heteroclemmys) gibbera* Peters, 1874 = *Orlitia borneensis* Gray, 1873.
- 1896 *Brookeia* Bartlett, Ethn. Zool. Note Book Sarawak, 2: 81. – Type species (by monotypy): *Brookeia baileyi* (Bartlett, 1895) = *Orlitia borneensis* Gray, 1873.
- 1896 *Adelochelys* Baur, Anatom. Anz., 12: 314. – Type species (by monotypy): *Adelochelys crassa* Baur, 1896 = *Orlitia borneensis* Gray, 1873.
- 1897 *Liemys* Boulenger, Ann. Mag. Natur. Hist., (6) 19: 468. – Type species (by monotypy): *Liemys inornata* Boulenger, 1897 = *Orlitia borneensis* Gray, 1873.
- 1967 *Brookia* Pritchard (ex errore), Living Turtles of the World: 136.

**Orlitia borneensis** Gray, 1873

- 1873 *Orlitia borneensis* Gray, Ann. Mag. Natur. Hist., (4) 11: 157. – Type locality: Borneo; Sintang?
- 1874 *Clemmys (Heteroclemmys) gibbera* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1874: 622; plate 2. – Type locality: Pulo Matjan, Borneo.
- 1889 *Bellia borneensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1889 *Cistudo borneensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 100.
- 1895 *Hardella baileyi* Bartlett, Ethn. Zool. Note Book Sarawak, 1: 60. – Type locality: Batang Lupar River, Borneo.
- 1896 *Brookeia baileyi* – Bartlett, Ethn. Zool. Note Book Sarawak, 2: 81.
- 1896 *Adelochelys crassa* Baur, Anatom. Anz., 12: 319; figs 1–4. – Type locality: unknown.
- 1897 *Liemys inornata* Boulenger, Ann. Mag. Natur. Hist., (6) 19: 469. – Type locality: Lobuk Antu District, Sarawak, Borneo.
- 1967 *Brookia baileyi* – Pritchard, Living Turtles of the World: 136.
- 1979 *Orlitia borneoensis* Ewert in Harless & Morlock (ex errore), Turtles, Perspectives & Research: 339.

Distribution: Malaysia, Sumatra, Borneo.

**Pangshura** Gray, 1856

- 1856 *Pangshura* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 36. – Subsequently designated type species (Lindholm 1929): *Batagur (Pangshura) tecta* (Gray, 1830) = *Pangshura tecta* (Gray, 1830).
- 1870 *Cuchoa* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 61. – Subsequently designated type species (Lindholm 1929): *Cuchoa tentoria* (Gray, 1834) = *Pangshura tentoria tentoria* (Gray, 1834).
- 1870 *Emia* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 61. – Type species (by monotypy): *Emia smithii* (Gray, 1863) = *Pangshura smithii smithii* (Gray, 1863).
- 1870 *Jerdonella* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 61. – Type species (by monotypy): *Jerdonella sylhetensis* (Jerdon, 1870) = *Pangshura sylhetensis* Jerdon, 1870.
- 2001 *Pngshura* Das (ex errore), Schildkr. Ind. Subkontin.: 126.

Comment: Das (2001) elevated *Pangshura* Gray, 1856, formerly treated as subgenus of *Kachuga* Gray, 1856 (Moll 1987), to full generic level. This was later confirmed by a molecular genetic investigation (Spinks et al. 2004).

**Pangshura smithii** (Gray, 1863)

Distribution: Pakistan, northern India, Nepal, Bangladesh.

*Pangshura smithii smithii* (Gray, 1863)

- 1863 *Batagur smithii* Gray, Proc. Zool. Soc. London, 1863: 253. – Type locality: Chenab River, Punjab, northwestern India.
- 1864 *Pangshura smithii* – Günther, Rept. Brit. India: 36.
- 1865 *Clemmys smithii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 89.
- 1868 *Pangshura smithii* Theobald (ex errore), Cat. Rept. Mus. Asiat. Soc. Bengal: 14.
- 1870 *Emia smithii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 62.
- 1889 *Kachuga smithii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1931 *Kachuga smithii* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: xxviii.
- 1974 *Kachuga amithii* Rudloff (ex errore), Aquarien Terrarien, 21: 423.
- 1987 *Kachuga smithii smithii* – Moll, J. Bombay Natur. Hist. Soc., 84: plate 3: fig. A.
- 1987 *Kachuga smithii smithii* – Moll, J. Bombay Natur. Hist. Soc., 84: 9.
- 2001 *Pangshura smithii smithii* – Das, Schildkr. Ind. Subkontin.: 126.
- 2001 *Pngshura smithii* – Das, Schildkr. Ind. Subkontin.: 126.
- 2003 *Pangshura smithii* – Gurley, Keep. Breed. Freshw. Turtl.: 217.
- 2004 *Pangshura smithii smithii* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 50.

**Distribution:** Pakistan (Sanghar, Larkana, Lahore), India (Assam, Bihar, Punjab, Uttar Pradesh), Nepal (Koshi River; Das 2001), central, north-central and northern Bangladesh (Rashid & Swingland 1997).

*Pangshura smithii pallidipes* (Moll, 1987)

- 1987 *Kachuga smithii pallidipes* Moll, J. Bombay Natur. Hist. Soc., 84: 8; plate 3: figs B–C. – Type locality: Gandak River, Bherihari Wildlife Sanctuary, Bettiah (West Champaran) District, Bihar, India.
- 2000 *Kachuga smithii pallidipes* – van Dijk, Chelon. Res. Monogr., 2: 21.
- 2001 *Pangshura smithii pallidipes* – Das, Schildkr. Ind. Subkontin.: 126.
- 2004 *Pangshura smithii pallidipes* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 50.

**Distribution:** India (Bihar, Uttar Pradesh), Nepal (Karnali River in the Royal Bardia Wildlife Reserve; Das 2001), south-central and southern Bangladesh (Rashid & Swingland 1997); intergrades with *Pangshura smithii smithii* (Gray, 1863) in the region of Allahabad, Uttar Pradesh, India (Das 2001).

*Pangshura sylhetensis* Jerdon, 1870

- 1870 *Pangshura sylhetensis* Jerdon, Proc. Asiat. Soc. Bengal, 1870: 69. – Type locality: Sylhet River, Khasi Hills, Assam.
- 1870 *Jerdonella sylhetensis* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 61.
- 1889 *Kachuga sylhetensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.

**Distribution:** Northeastern India (Assam, Meghalaya, Nagaland, West Bengal), Bangladesh (Sylhet, Chittagong; Das 2001).

*Pangshura tecta* (Gray, 1830)

- 1830 *Emys tectum* Gray, Illustr. Ind. Zool., 1: plate 72. – Type locality: India.
- 1831 *Emys tecta* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9.
- 1831 ? *Testudo dura* Hamilton in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 23.
- 1831 *Testudo katuya* Hamilton in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 23.
- 1831 *Testudo khagraskata* Hamilton in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 23.
- 1831 *Emys trigibbosa* Lesson, Bull. Sci. natur. Paris, 25: 120. – Type locality: Ganges River.
- 1835 *Clemmys (Clemmys) tecta* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.
- 1856 *Batagur (Pangshura) tecta* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 36.

- 1860 ? *Emys namadicus* Theobald in Oldham (nomen nudum), Mem. Geol. Surv. India, 2: 295.  
 1862 *Clemmys tectum* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1864 *Pangshura tecta* – Günther, Rept. Brit. India: 33.  
 1868 *Pangshura tectum* – Theobald, Cat. Rept. Mus. Asiat. Soc. Bengal: 13.  
 1869 *Pangshura dura* Gray, Proc. Zool. Soc. London, 1869: 205. – Type locality: unknown.  
 1870 *Pangshura ventricosa* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 56. – Type locality: India; Assam?  
 1889 ? *Emys namadica* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 58.  
 1889 *Kachuga tectum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.  
 1929 *Kachuga tecta* – Lindholm, Zool. Anz., 81: 294.  
 1931 *Kachuga tectum tectum* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxviii.  
 1934 *Kachuga tecta tecta* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 60.

**Distribution:** Drainage systems of Ganges, Indus, Narmada and Brahmaputra River systems in Pakistan, northern India, Nepal, Bangladesh (Das 2001).

### ***Pangshura tentoria*** (Gray, 1834)

**Distribution:** Northern India, Nepal, Bangladesh (Moll 1987, Das 1991, 1995, 2001).

### ***Pangshura tentoria tentoria*** (Gray, 1834)

- 1834 *Emys tentoria* Gray, Proc. Zool. Soc. London, 1834: 54. – Restricted type locality (Smith 1931): Dhond, Poona District, Bombay, India.  
 1856 *Batagur (Pangshura) tentoria* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 37.  
 1860 ? *Emys namadicus* Theobald in Oldham (nomen nudum), Mem. Geol. Surv. India, 2: 295.  
 1862 *Clemmys tentoria* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1864 *Pangshura tentoria* – Günther, Rept. Brit. India: 34.  
 1868 *Pangshura tentori* Theobald (ex errore), Cat. Rept. Mus. Asiat. Soc. Bengal: 15.  
 1869 *Pangshura tentorium* – Gray, Proc. Zool. Soc. London, 1869: 205.  
 1870 *Emys (Pangshura) tectum* var. *intermedia* Blanford, J. Asiat. Soc. Bengal, 39: 339; plate 14. – Type locality: Chappa and Korba, Hasdo River, Biláspúr, Central Provinces, India.  
 1870 *Cuchoa tentoria* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 61.  
 1870 *Pangshura leithii* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 60. – Type locality: Poonah River, India.  
 1889 ? *Emys namadica* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 58.  
 1889 *Kachuga intermedia* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.  
 1912 *Kachuga tectum intermedia* – Annandale, Rec. Ind. Mus., 7: 265.  
 1931 *Kachuga tectum tentoria* – Smith, Fauna Brit. India, Rept. Amphib., 1: xviii.  
 1934 *Kachuga tecta tentoria* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 60.  
 1979 *Kachuga tentoria tentoria* – Pritchard, Encyclopedia of Turtles: 199.  
 2001 *Pangshura tentoria tentoria* – Das, Schildkr. Ind. Subkontin.: 137.  
 2003 *Kachuga tentnria* Artner (ex errore), Emys, 10 (6): xxxvi.

**Distribution:** Northeastern India (Orissa, Andhra Pradesh, Madhya Pradesh, Maharashtra), northern, and in part central, Bangladesh. For exact data for the complicated distribution see Moll (1987), Das (1991, 1995, 2001), and Rashid & Swingland (1997).

### ***Pangshura tentoria circumdata*** (Mertens, 1969)

- 1969 *Kachuga tecta circumdata* Mertens, Senckenb. biol., 50: 24; figs 1–2. – Type locality: Meerut, India.  
 1971 *Kachuga tecta circumdata* Thelwall (ex errore), Zool. Rec., Rept., 1969: 83.  
 1979 *Kachuga tentoria circumdata* – Pritchard, Encyclopedia of Turtles: 198.  
 2001 *Pangshura tentoria circumdata* – Das, Schildkr. Ind. Subkontin.: 137.

**Distribution:** Northern India (Madhya Pradesh, Uttar Pradesh, Gujarat, Rajasthan). For exact data for the complicated distribution see Moll (1987) and Das (1991, 1995, 2001).

### *Pangshura tentoria flaviventer* Günther, 1864

- 1864 *Pangshura flaviventer* Günther, Rept. Brit. India: 35; fig. – Type locality: Bengal?  
 1870 *Cuchoa flaviventris* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 61.  
 1969 *Kachuga tecta flaviventer* – Mertens, Senckenb. biol., 50: 29.  
 1987 *Kachuga tentoria flaviventer* – Moll, J. Bombay Natur. Hist. Soc., 84: 19.  
 2001 *Pangshura tentoria flaviventer* – Das, Schildkr. Ind. Subkontin.: 137.

**Distribution:** Northeastern India (Bihar, Uttar Pradesh, perhaps West Bengal), Nepal, central and south Bangladesh; intergrades with *Pangshura tentoria circumdata* (Mertens, 1969) in the Ghagra River, India (Moll 1987). For exact data for the complicated distribution see Moll (1987), Das (1991, 1995, 2001), and Rashid & Swingland (1997).

**Comment:** Schleich & Kästle (2002) treated *Pangshura tentoria flaviventer* Günther, 1864 as distinct species because of “a sympatric occurrence of *P. flaviventer*, *tectum* and *tentoria circumdata*” (p. 537) without providing evidence for this claim.

## **Rhinoclemmys** Fitzinger, 1835

- 1815 *Chemelys* Rafinesque (nomen nudum), Analyse de la Nature: 75.  
 1832 *Chemelys* Rafinesque (nomen suppressum: Opinion 1309, ICZN 1985), Atlant. J. Friend Knowl., 1: 64. – Type species (by original designation): *Chemelys verrucosa* (Suckow, 1798) = *Rhinoclemmys punctularia punctularia* (Daudin, 1801).  
 1835 *Rhinoclemmys* Fitzinger (nomen conservandum: Opinion 1309, ICZN 1985), Ann. Wien. Mus. Naturgesch., 1, 1836: 115. – Subsequently designated type species (Lindholm 1929): *Clemmys* (*Rhinoclemmys*) *dorsata* (Schoepff, 1801) = *Rhinoclemmys punctularia punctularia* (Daudin, 1801).  
 1835 *Rhinoclemmys* Fitzinger (ex errore), Ann. Wien. Mus. Naturgesch., 1, 1836: 124.  
 1863 *Callopsis* Gray, Ann. Mag. Natur. Hist., (3) 2: 183. – Type species (by original designation): *Rhinoclemmys* (*Callopsis*) *annulata* (Gray, 1860) = *Rhinoclemmys annulata* (Gray, 1860).  
 1863 *Rhinoclemmys* Gray (ex errore), Ann. Mag. Natur. Hist., (3) 2: 183.  
 1979 *Rhinoclemmys* Pritchard (ex errore), Encyclopedia of Turtles: 109.

### *Rhinoclemmys annulata* (Gray, 1860)

- 1860 *Geoclemmys annulata* Gray, Proc. Zool. Soc. London, 1860: 231; plate 29. – Type locality: Esmeraldas, Ecuador.  
 1862 *Clemmys annulata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1863 *Rhinoclemmys* (*Callopsis*) *annulata* – Gray, Ann. Mag. Natur. Hist., (3) 2: 183.  
 1865 *Chelopus annulatus* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 17: 186.  
 1870 *Rhinoclemmys annulata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 29.  
 1876 *Chelopus gabbii* Cope, J. Acad. Natur. Sci. Philadelphia, (2) 8, 1875: 153. – Type locality: Sipurio, Costa Rica.  
 1885 *Emys gabbii* Günther in Godman & Salvin (ex errore), Biol. Centr. Amer., Rept.: 7.  
 1889 *Nicoria annulata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1889 *Nicoria gabbii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1909 *Geoemyda annulata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 499.  
 1909 *Geoemyda gabbii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 499.  
 1926 *Rhinoclemmys gabbii* – Allee, Ecology, 7: 451.  
 1940 *Geoemyda annulata* – Park, Barden & Williams, Ecology, 21: 122.  
 1958 *Geoemyda annulaia* Medem (ex errore), Bol. Mus. Cienc. Natur. Caracas, 2/3: 19.  
 1967 *Geoemyda gabbii* – Pritchard, Living Turtles of the World: 112.

- 1976 *Callopsis annulata* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1996 *Rhinoclemmys angulata* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: 228.

**Distribution:** Southern Central and northwestern South America (from eastern Honduras southward through eastern Nicaragua, Costa Rica, and Panama to western Colombia and Ecuador).

***Rhinoclemmys areolata* (Duméril & Bibron, 1851)**

- 1851 *Emys areolata* Duméril & Bibron in Duméril & Duméril, Cat. méthod. Coll. Rept.: 10. – Restricted type locality (Dunn & Stuart 1951): Flores, El Petén, Guatemala.  
 1856 *Malaclemmys concentrica areolata* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 38.  
 1862 *Clemmys areolata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 33.  
 1863 *Malaclemmys concentrica areolata* – Gray, Ann. Mag. Natur. Hist., (3) 12: 182.  
 1865 *Chelopus areolatus* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 17: 186.  
 1889 *Nicoria punctularia* var. *areolata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 124.  
 1909 *Geoemyda punctularia areolata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 498.  
 1912 *Geoemyda punctularia areolata* – Ruthven, Zool. Jahrb., Syst., 32: 328.  
 1934 *Geoemyda areolata* – Wettstein, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 143: 18.  
 1945 *Geoemyda areolata* – Pearse, Carnegie Inst. Washington Publ., 457: 223.  
 1964 *Rhinoclemmys areolata* – McDowell, Proc. Zool. Soc. London, 143: 267.  
 1966 *Rhinoclemmys areolata* – Smith & Taylor, Herpetology Mexico: 12.  
 1969 *Rhinoclemmys areolata* Hoffman (ex errore), Rev. Latinamer. Microbiol. Parasitol., 11: 213.  
 1975 *Callopsis areolata* – Smith & Smith, Chelonia, 2 (3): 5.  
 1980 *Chelopus areolatus* – Ernst, Cat. Amer. Amphib. Rept., 251: 1.

**Distribution:** Yucatán Peninsula and adjacent regions, Central America (from southern Veracruz, Tabasco, and eastern Chiapas to Yucatán and Cozumel Island in Mexico, southward through Belize, Guatemala and northwestern Honduras).

***Rhinoclemmys diademata* (Mertens, 1954)**

- 1954 *Geoemyda punctularia diademata* Mertens, Senckenb. biol., 35: 4; figs 4–6. – Type locality: Maracay, Venezuela.  
 1976 *Callopsis punctularia diademata* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1977 *Rhinoclemmys punctularia diademata* – Fretey, Hoogmoed & Lescure, Zool. Meded., 52: 75.  
 1978 *Geoemyda punctularia diademata* – Ernst, Herpetologica, 32: 124.  
 1979 *Rhinoclemmys diademata* – Pritchard, Encyclopedia of Turtles: 853.  
 1979 *Rhinoclemmys diademata* – Pritchard, Encyclopedia of Turtles: 180.

**Distribution:** Northeastern South America (Caribbean drainage of eastern Colombia and northwestern Venezuela).

***Rhinoclemmys funerea* (Cope, 1876)**

- 1876 *Chelopus funereus* Cope, J. Acad. Natur. Sci. Philadelphia, (2) 8, 1875: 154. – Type locality: Limon, Costa Rica.  
 1885 *Emys funerea* – Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 7.  
 1930 *Geoemyda funerea* – Dunn, Proc. New England Zool. Club, 12: 31.  
 1930 *Geoemyda costaricensis* Kanberg, Zool. Anz., 88: 162. – Type locality: Costa Rica.  
 1934 *Geoemyda punctularia funerea* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 62.  
 1964 *Rhinoclemmys funerea* – McDowell, Proc. Zool. Soc. London, 143: 267.  
 1965 *Geoemyda funerea* – Campbell & Howell, Herpetologica, 21: 132.

- 1966 *Geoemydia funeria* Fairchild, Kohls & Tipton in Wenzel & Tipton (ex errore), Ectoparasit. Panama: 201.  
 1973 *Rhinoclemmys funerea* – Meyer & Wilson, Los Angeles Co. Mus., Contrib. Sci., 244: 6.  
 1976 *Callopsis funerea* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.

**Distribution:** Southeastern Central America (Caribbean drainages of Central America from the Río Coco, on the Honduran-Nicaraguan border, southward to the Panama Canal Zone).

### ***Rhinoclemmys melanosterna*** (Gray, 1861)

- 1861 *Geoclemmys melanosterna* Gray, Proc. Zool. Soc. London, 1861: 205. – Restricted type locality (Medem 1958): Boca Chirambira, delta of the Río San Juan, Choco, Colombia.  
 1862 *Clemmys melanosterna* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1863 *Rhinoclemmys melanosterna* – Gray, Ann. Mag. Natur. Hist., (3) 12: 182.  
 1889 *Nicoria punctularia* var. *melanosternum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 124.  
 1909 *Geoemyda punctularia melanosternum* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 498.  
 1954 *Geoemyda punctularia melanosterna* – Mertens, Senckenb. biol., 35: 3.  
 1976 *Callopsis punctularia melanosterna* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1977 *Rhinoclemmys punctularia melanosterna* – Fretey, Hoogmoed & Lescure, Zool. Meded., 52: 76.  
 1979 *Rhinoclemmys melanosterna* – Pritchard, Encyclopedia of Turtles: 180.

**Distribution:** Southern Central America, northern South America (Caribbean drainages of southeastern Panama and northern Colombia, and Pacific drainages of western Colombia and northwestern Ecuador).

### ***Rhinoclemmys nasuta*** (Boulenger, 1902)

- 1902 *Nicoria nasuta* Boulenger, Ann. Mag. Natur. Hist., (7) 9: 53. – Type locality: Belún and Río Durango, Ecuador.  
 1909 *Geoemyda nasuta* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 499.  
 1954 *Geoemyda punctularia nasuta* – Mertens, Senckenb. biol., 35: 3.  
 1976 *Callopsis punctularia nasuta* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1977 *Rhinoclemmys punctularia nasuta* – Fretey, Hoogmoed & Lescure, Zool. Meded., 52: 76.  
 1978 *Callopsis nasuta* – Ernst, Herpetologica, 34: 113.  
 1979 *Rhinoclemmys nasuta* – Pritchard, Encyclopedia of Turtles: 853.  
 1979 *Rhinoclemmys nasuta* – Pritchard, Encyclopedia of Turtles: 179.

**Distribution:** Northwestern South America (Pacific coastal region of Colombia and northwestern Ecuador).

### ***Rhinoclemmys pulcherrima*** (Gray, 1856)

**Distribution:** From Sonora, Mexico, to Costa Rica on the Pacific versant; on the Atlantic versant, it occurs in eastern Guatemala and eastern Honduras.

### ***Rhinoclemmys pulcherrima pulcherrima*** (Gray, 1856)

- 1856 *Emys pulcherrimus* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 25; plate 25: fig. 12. – Restricted type locality (Ernst 1978): vicinity of San Marcos, Guerrero, Mexico.  
 1862 *Clemmys pulcherrima* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.  
 1863 *Callichelys pulcherrima* – Gray, Ann. Mag. Natur. Hist., (3) 12: 181.  
 1865 *Emys pulcherrima* – Müller, Wirbelth. Mexikos, III, Amphib.: 598.



- 1873 *Rhinoclemmys pulcherrima* – Gray, Ann. Mag. Natur. Hist., (4) 11: 145.  
 1876 *Chelopus pulcherrima* – Bocourt, J. Zool. Paris, 5: 388.  
 1884 *Pseudemys pulcherrima* – Garman, Bull. Essex Inst., 16: 9.  
 1887 *Chelopus pulcherrimus* – Cope, Bull. U.S. Nat. Mus., 32: 21.  
 1889 *Nicoria punctularia* var. *pulcherrima* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 125.  
 1909 *Geoemyda punctularia pulcherrima* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 498.  
 1934 *Geoemyda pulcherrima pulcherrima* – Wettstein, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 143: 18.  
 1964 *Rhinoclemmys pulcherrima* – McDowell, Proc. Zool. Soc. London, 143: 267.  
 1966 *Rhinoclemmys pulcherrima pulcherrima* – Smith & Taylor, Herpetology Mexico: 12.  
 1966 *Rhinoclemmys pulcherrima* Fairchild, Kohls & Tipton in Wenzel & Tipton (ex errore), Ectoparasit. Panama: 201.  
 1972 *Rhinoclemmys pulcherrima pulcherrima* – Greene, Mex. Rept. Senckenberg Mus.: 2.  
 1975 *Callopsis pulcherrima pulcherrima* – Smith & Smith, Chelonia, 2 (3): 5.  
 2006 *Rhinoclemmys pulcherrima* Acuña-Mesén (ex errore), Chelonii, 4: 74.

Distribution: Western Central America (coastal Guerrero and Oaxaca, Mexico).

#### *Rhinoclemmys pulcherrima incisa* (Bocourt, 1868)

- 1868 *Emys incisa* Bocourt, Ann. Sci. natur., (5) 10: 121. – Type locality: La Union, El Salvador.  
 1873 *Rhinoclemmys frontalis* Gray, Ann. Mag. Natur. Hist., (4) 11: 144. – Type locality: tropical America.  
 1873 *Rhinoclemmys bocourti* Gray, Ann. Mag. Natur. Hist., (4) 12: 111. – Type locality: Central America.  
 1876 *Chelopus incisa* – Bocourt, J. Zool. Paris, 5: 387.  
 1880 *Chelopus incisus* – Sumichrast, Bull. Zool. Soc. France, 5: 165.  
 1884 *Glyptemys incisa* – Garman, Bull. Essex Inst., 16: 10.  
 1889 *Nicoria punctularia* var. *incisa* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 125.  
 1890 *Clemmys incisa* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 68.  
 1905 *Chrysemys incisa* – Gadow, Proc. Zool. Soc. London, 1905: 210.  
 1909 *Geoemyda punctularia incisa* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 498.  
 1928 *Rhinoclemmys incisa* – Schmidt, Zool. Ser. Field Mus. Natur. Hist., 12 (16): 193.  
 1934 *Geoemyda pulcherrima incisa* – Wettstein, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 143: 18.  
 1966 *Rhinoclemmys pulcherrima incisa* – Smith & Taylor, Herpetology Mexico: 12.  
 1973 *Rhinoclemmys pulcherrima incisa* – Alvarez del Toro, Rept. Chiapas, 2nd ed.: 26.  
 1975 *Callopsis pulcherrima incisa* – Smith & Smith, Chelonia, 2 (3): 5.  
 1995 *Rhinoclemmys pulcherrima insica* Rogner (ex errore), Schildkröten, 1: 101.

Distribution: Western Central America (from Oaxaca, Mexico, southward to northern Nicaragua).

#### *Rhinoclemmys pulcherrima manni* (Dunn, 1930)

- 1930 *Geoemyda manni* Dunn, Proc. New England Zool. Club, 12: 33. – Type locality: San José, Costa Rica.  
 1934 *Geoemyda pulcherrima manni* – Wettstein, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 143: 15.  
 1934 *Geoemyda punctularia manni* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 62.  
 1976 *Callopsis pulcherrima manni* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1979 *Rhinoclemmys pulcherrima manni* – Pritchard, Encyclopedia of Turtles: 854.  
 1979 *Rhinoclemmys pulcherrima manni* – Pritchard, Encyclopedia of Turtles: 175.

Distribution: Western Central America (southern Nicaragua and northwestern Costa Rica).

*Rhinoclemmys pulcherrima rogerbarbouri* (Ernst, 1978)

- 1978 *Callopsis pulcherrima rogerbarbouri* Ernst, Herpetologica, 34: 127; figs 2A, 3A. – Type locality: Guirocoba, Sonora, Mexico.
- 1979 *Rhinoclemmys pulcherrima rogerbarbouri* – Pritchard, Encyclopedia of Turtles: 854.
- 1979 *Rhinoclemmys pulcherrima rogerbarbouri* – Pritchard, Encyclopedia of Turtles: 173.

Distribution: Western Central America (from southern Sonora to Colima, Mexico).

*Rhinoclemmys punctularia* (Daudin, 1801)

Distribution: Caribbean drainage of eastern Colombia and northwestern Venezuela; from eastern Colombia, the Orinoco drainage of Venezuela, and Trinidad Island eastward through the Guyanas and north-eastern Brazil.

*Rhinoclemmys punctularia punctularia* (Daudin, 1801)

- 1758 ? *Testudo scabra* Linnaeus [non *Trachemys scabra* sensu Agassiz 1857 = *Pseudemys scabra* sensu Cope 1875 = *Chrysemys scabra* sensu Ditmars 1907 = *Trachemys scripta scripta* (Schoepff, 1792)], Syst. Natur., Ed. 10, 1: 198. – Type locality: India (in error).
- 1782 ? *Testudo verrucosa* Walbaum [nomen illegitimum; non *Testudo (ferox) verrucosa* Schoepff, 1795 = *Apalone ferox* (Schneider, 1783)], Chelonogr.: 116. – Type locality: unknown.
- 1798 *Testudo verrucosa* Suckow [non *Testudo (ferox) verrucosa* Schoepff, 1795 = *Apalone ferox* (Schneider, 1783)], Anfangsgr. Naturgesch. Thiere, 3: 40. – Type locality: unknown.
- 1801 *Testudo punctularia* Daudin (nomen conservandum: Opinion 660, ICZN 1963), Hist. natur. gén. part. Rept., 2, 1802: 249. – Type locality: Cayenne.
- 1801 *Testudo dorsata* Schoepff (nomen suppressum et reiectum: Opinion 660, ICZN 1963), Hist. Testud. Icon. illustr.: 136; plate 34. – Type locality: unknown.
- 1812 *Emys dorsata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 297.
- 1812 *Emys punctularia* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 305.
- 1820 *Chersine punctularia* – Merrem, Tentam. Syst. Amphib.: 29.
- 1824 *Emys dorsualis* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 11; plate 9: figs 1–2. – Type locality: Rio Solimões.
- 1830 *Clemmys dorsata* – Wagler, Natürl. Syst. Amphib.: 136.
- 1831 *Emys scabra* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9.
- 1832 *Chemelys verrucosa* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.
- 1835 *Clemmys (Clemmys) punctularia* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1863 *Callopsis dorsalis* Gray (ex errore), Ann. Mag. Natur. Hist., (3) 12: 183.
- 1863 *Callopsis scabra* – Gray, Ann. Mag. Natur. Hist., (3) 12: 183.
- 1863 *Rhinoclemys bellii* Gray, Ann. Mag. Natur. Hist., (3) 12: 186. – Type locality: tropical America.
- 1863 *Rhinoclemys scabra* – Gray, Ann. Mag. Natur. Hist., (3) 12: 182.
- 1863 *Geoclemys callocephalus* Gray, Proc. Zool. Soc. London, 1863: 254; fig. – Restricted type locality (Wermuth & Mertens 1961): South America.
- 1865 *Clemmys callocephala* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 72.
- 1865 *Chelopus punctularius* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 17: 185.
- 1870 *Geoclemmys callocephala* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 27.
- 1870 *Geoclemmys callocephalus* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 28.
- 1870 *Rhinoclemmys scabra* – Gray, Proc. Zool. Soc. London, 1870: 722.
- 1870 *Rhinoclemmys bellii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 31.
- 1872 *Rhinoclemmys scabra* var. *bellii* – Gray in Sowerby & Lear, Tort., Terrap., Turtl.: 15.
- 1873 *Rhinoclemys callocephala* – Gray, Ann. Mag. Natur. Hist., (4) 11: 144.
- 1873 *Rhinoclemys lunata* Gray, Ann. Mag. Natur. Hist., (4) 11: 144. – Type locality: Surinam.
- 1873 *Rhinoclemys ventricosa* Gray, Ann. Mag. Natur. Hist., (4) 11: 145. – Type locality: Surinam.
- 1889 *Nicoria punctularia* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.

- 1909 *Geoemyda [punctularia] punctularia* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 497.  
 1926 *Geomyda punctularia* – Luederwaldt, Rvta. Mus. Paulista, 14: 406.  
 1945 *Emys punctularia* Pearse (ex errore), Carnegie Inst. Washington Publ., 457: 223.  
 1954 *Geoemyda punctularia lunata* – Mertens, Senckenb. biol., 35: 6.  
 1957 *Rhinoclemmys punctularia punctularia* – Fróes, Iheringia Zool., 2: 9.  
 1964 *Rhinoclemmys punctularia* – McDowell, Proc. Zool. Soc. London, 143: 267.  
 1976 *Callopsis punctularia lunata* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1976 *Callopsis punctularia punctularia* – Smith, Smith & Sawin, Trans. Kansas Acad. Sci., 77, 1974: 216.  
 1977 *Rhinoclemmys lunata* – Fretey, Hoogmoed & Lescure, Zool. Meded., 52: 64.  
 1977 *Rhinoclemmys punctularia* – Fretey, Hoogmoed & Lescure, Zool. Meded., 52: 63.  
 1977 *Rhinoclemmys punctularia lunata* – Fretey, Hoogmoed & Lescure, Zool. Meded., 52: 63.

**Distribution:** Northeastern South America (from the Orinoco drainage in extreme eastern Venezuela, and Trinidad Island, southeast through the Guyanas, to the Amazon drainage of northeastern Brazil).

*Rhinoclemmys punctularia flammigera* Paolillo, 1985

- 1985 *Rhinoclemmys punctularia flammigera* Paolillo, Amphibia-Reptilia, 6: 293; figs 1–2, 4. – Type locality: Caño Maica (4°04'N 66°31'W), 10 km southeast of Carmelitas, Territorio Federal Amazonas, Venezuela.

**Distribution:** Southern Venezuela (Río Ventuari and confluence of Ventuari and Orinoco Rivers).

*Rhinoclemmys rubida* (Cope, 1870)

**Distribution:** Lowlands of the west coast of Mexico.

*Rhinoclemmys rubida rubida* (Cope, 1870)

- 1870 *Chelopus rubidus* Cope, Proc. Amer. Philos. Soc. Philadelphia, 11, 1869: 148. – Type locality: Juchitán, Tehuantepec, Oaxaca, Mexico.  
 1870 *Geoclemmys rubida* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 28.  
 1870 *Rhinoclemmys mexicana* Gray, Proc. Zool. Soc. London, 1870: 659; fig. – Type locality: San Juan del Río, Mexico.  
 1876 *Chelopus mexicana* – Bocourt, J. Zool. Paris, 5 (516): 387.  
 1880 *Chelopus mexicanus* – Sumichrast, Bull. Zool. Soc. France, 5: 166.  
 1885 *Emys mexicana* – Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 8.  
 1885 *Emys rubida* – Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 8.  
 1889 *Nicoria rubida* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.  
 1890 *Clemmys rubida* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 68.  
 1905 *Nicoria rutila* Gadow (ex errore), Proc. Zool. Soc. London, 1905: 210.  
 1909 *Geoemyda rubida* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 500.  
 1953 *Geoemyda rubida rubida* – Mosimann & Rabb, Occ. Pap. Mus. Zool. Univ. Michigan, 548: 1.  
 1953 *Geomyda rubida* – Maldonado Koerdell in Beltrán, Vida silvestre y recurs. natural.: 130.  
 1964 *Rhinoclemmys rubida* – McDowell, Proc. Zool. Soc. London, 143: 267.  
 1966 *Rhinoclemmys rubida rubida* – Smith & Taylor, Herpetology Mexico: 12.  
 1975 *Callopsis rubida rubida* – Smith & Smith, Chelonia, 2 (3): 5.  
 1979 *Rhinoclemmys rubida rubida* – Pritchard, Encyclopedia of Turtles: 176.  
 2002 *Chelopus rubidus rubidus* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Lowlands of the west coast of Mexico (from central Oaxaca to southern Chiapas).

***Rhinoclemmys rubida perixantha*** (Mosimann & Rabb, 1953)

- 1953 *Geoemyda rubida perixantha* Mosimann & Rabb, Occ. Pap. Mus. Zool. Univ. Michigan, 548: 1; fig. 1 (top, bottom right); plate 1 (left). – Type locality: 8 km south of Tecoman, Colima, Mexico.
- 1966 *Rhinoclemmys rubida perixantha* – Smith & Taylor, Herpetology Mexico: 12.
- 1975 *Callopsis rubida perixantha* – Smith & Smith, Chelonia, 2 (3): 5.
- 1979 *Rhinoclemmys rubida perixantha* – Pritchard, Encyclopedia of Turtles: 176.
- 1993 *Rhinoclemmys rubida perixantha* Gosławski & Hryniewicz (ex errore), Żółwie: 71.
- 2002 *Chelopus rubidus perixanthus* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 11.

**Distribution:** Lowlands of the west coast of Mexico (southern Jalisco, Colima, and Michoacán).

***Sacalia*** Gray, 1870

- 1870 *Sacalia* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 35. – Type species (by monotypy): *Sacalia bealii* [sic] = *Sacalia bealei* (Gray, 1831).

**Comment:** Stuart & Parham (2007) demonstrated that the description of a third *Sacalia* species (*S. pseudocellata* Iverson & McCord, 1992, allegedly from Hainan Island, Iverson & McCord 1992b) was based on hybrids between *Cuora trifasciata* (Bell, 1825) and *S. quadriocellata* (Siebenrock, 1903).

***Sacalia bealei*** (Gray, 1831)

- 1831 *Cistuda bealei* Gray, Synops. Rept., 1 (Cataphracta): 71. – Type locality: China.
- 1834 *Emys bealii* Gray (ex errore), Proc. Zool. Soc. London, 1834: 54.
- 1835 *Emys (Pyxidemys) bealei* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.
- 1862 *Clemmys bealii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1870 *Sacalia bealii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 35.
- 1909 *Cistudo bealii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 482.
- 1909 *Clemmys [bealii] bealii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 482.
- 1922 *Chemmys beali* Vogt (ex errore), Arch. Naturgesch., 80 A, 10: 135.
- 1929 *Clemmys bealei* – Lindholm, Zool. Anz., 81: 294.
- 1931 *Cistudo bealei* – Smith, Fauna Brit. India, Rept. Amphib., 1: 115.
- 1964 *Sacalia bealei* – McDowell, Proc. Zool. Soc. London, 143: 268.
- 1977 *Mauremys bealei* – Wermuth & Mertens, Testud., Crocod., Rhynchoceph., Tierreich, 100: xvi.
- 1979 *Sacalia beali* – Ewert in Harless & Morlock, Turtles, Perspectives & Research: 349.
- 1989 *Sacalia bealei bealei* – Ernst & Barbour, Turtles of the World: 187.
- 1994 *Clemmys beadei* Yeh (ex errore), Fossil and Recent Turtles of China: 50.

**Distribution:** Southern China from Fujian to eastern Guangdong Province.

***Sacalia quadriocellata*** (Siebenrock, 1903)

- 1903 *Clemmys bealii* var. *quadriocellata* Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 112: 336; plate 1. – Restricted type locality (Siebenrock 1909): Phuc-Son, Annam.
- 1934 *Clemmys quadriocellata* – Pope, Amer. Mus. Novit., 733: 3.
- 1941 *Clemmys bealei quadriocellata* – Bourret, Tortues de l'Indochine: 24.
- 1958 *Clemmys bealii quadriocellata* Li [non *Clemmys bealii quadriocellata* Siebenrock, 1903 = *Sacalia quadriocellata* (Siebenrock, 1903)], Chin. J. Zool., 2: 234–239. – Type locality: small stream of Dali village of Mt. Diaoluo, Lingshui Co., Hainan Island, China.
- 1962 *Clemmys beali insulensis* Adler (nomen novum pro *Clemmys bealii quadriocellata* Li, 1958), Natur. Hist. Bull. Siam Soc., 20: 135.

- 1979 *Sacalia quadriocellata* – Pritchard, Encyclopedia of Turtles: 190.  
 1989 *Sacalia bealei quadriocellata* – Ernst & Barbour, Turtles of the World: 186.  
 2003 *Sacalia quadriocellata quadriocellata* – Artner, Emys, 10 (6): xviii.  
 2003 *Sacalia quadriocellata insularis* Artner (ex errore pro *Clemmys beali insulensis* Adler, 1962), Emys, 10 (6): xviii.

Distribution: Southeastern China, including Hainan Island, Vietnam.

### ***Siebenrockiella* Lindholm, 1929**

- 1869 *Bellia* Gray (non *Bellia* Milne-Edwards, 1848 = Crustacea; non *Bellia* Bate, 1851 = Crustacea; non *Bellia* Tutt, 1902 = Lepidoptera), Proc. Zool. Soc. London, 1869: 197. – Type species (by monotypy): *Bellia crassicollis* (Gray, 1831) = *Siebenrockiella crassicollis* (Gray, 1831).  
 1929 *Siebenrockiella* Lindholm (nomen novum pro *Bellia* Gray, 1869), Zool. Anz., 81: 280.  
 2005 *Panayaenemys* Diesmos, Parham, Stuart & Brown, Proc. California Acad. Sci., 56: 31. – Type species (by original designation): *Siebenrockiella (Panayaenemys) leytensis* (Taylor, 1920).  
 2006 *Panayaenemys* Vetter in Vetter & van Dijk (ex errore), Terralog, Turtles of the World, 4: 7.

### ***Siebenrockiella crassicollis* (Gray, 1831)**

- 1831 *Emys crassicollis* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 8. – Type locality: Sumatra.  
 1835 *Emys crassicolis* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 325.  
 1835 *Clemmys (Clemmys) crassicollis* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.  
 1855 *Emys nigra* Blyth [non *Emys nigra* Hallowell, 1854 = *Actinemys marmorata* (Baird & Girard, 1852)], J. Asiat. Soc. Bengal, 24: 713. – Type locality: Tenasserim.  
 1869 *Bellia crassicollis* – Gray, Proc. Zool. Soc. London, 1869: 197.  
 1876 *Bellia crassilabris* Theobald (ex errore), Descript. Cat. Rept. Brit. India: 10.  
 1885 *Pangshura cochinchinensis* Tirant, Rept. Batr. Cochinchina: 15. – Type locality: Cochinchina.  
 1907 *Kachuga cochinchinensis* – Mocquard, Extr. Rev. Colon., 1907: 11.  
 1912 *Orlitia crassicollis* – Barbour, Mem. Mus. Comp. Zool., 44: 142.  
 1929 *Siebenrockiella crassicollis* – Lindholm, Zool. Anz., 81: 280.

Distribution: From southern Vietnam westward through Thailand to Tenasserim (Myanmar), and southward through Malaysia to Sumatra, Java, and Borneo.

### ***Siebenrockiella leytensis* (Taylor, 1920)**

- 1920 *Heosemys leytensis* Taylor, Philipp. J. Sci., 16: 131; plate 1: figs 3–4, plate 3: fig. 1. – Type locality: Cabalian, southern Leyte Island, Philippines (in error).  
 1934 *Geoemyda leytensis* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 62.  
 1977 *Geomyda leytensis* – Wermuth & Mertens, Test., Crocod., Rhynchoceph., Tierreich, 100: 30.  
 2005 *Siebenrockiella leytensis* – Diesmos, Parham, Stuart & Brown, Proc. California Acad. Sci., 56: 37.  
 2006 *Panayaenemys leytensis* – Vetter in Vetter & van Dijk, Terralog, Turtles of the World, 4: 7.

Distribution: Palawan and Dumarán Islands, Philippines (Diesmos et al. 2004, Fidenci 2004, 2007).

### ***Vijayachelys* Praschag, Schmidt, Fritsch, Müller, Gemel & Fritz, 2006**

- 2006 *Vijayachelys* Praschag, Schmidt, Fritsch, Müller, Gemel & Fritz, Organ., Divers., Evol., 6: 151. – Type species (by original designation): *Vijayachelys silvatica* (Henderson, 1912).

***Vijayachelys silvatica*** (Henderson, 1912)

- 1912 *Geoemyda silvatica* Henderson, Rec. Ind. Mus., 7: 217. – Type locality: vicinity of Kavalai, Cochin State Forest, southern India.  
 1964 *Heosemys silvatica* – McDowell, Proc. Zool. Soc. London, 143: 272.  
 2006 *Vijayachelys silvatica* – Praschag, Schmidt, Fritzsich, Müller, Gemel & Fritz, Organ., Divers., Evol., 6: 151.

Distribution: Southwestern India (Western Ghats).

Family **Kinosternidae** Agassiz, 1857***Claudius*** Cope, 1865

- 1865 *Claudius* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1865: 187. – Type species (by monotypy): *Claudius angustatus* Cope, 1865.  
 1892 *Claudias* Velasco (ex errore), Geograf. estadist. Republ. Mexicana, 10: 75.  
 1961 *Claudinus* Battersby in Battersby & Swinton (ex errore), Zool. Rec., Rept., 1958: 88.

***Claudius angustatus*** Cope, 1865

- 1865 *Claudius angustatus* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1865: 187. – Type locality: Tabasco, Mexico.  
 1868 *Claudius megaloccephalus* Bocourt, Ann. Sci. natur., (5) 10: 122. – Restricted type locality (Smith & Taylor 1950): Tabasco, Mexico.  
 1868 *Claudius macrocephalus* Gray (ex errore pro *Claudius megaloccephalus* Bocourt, 1868), Ann. Mag. Natur. Hist., (4) 12: 69.  
 1889 *Claudius megacephalus* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 33.  
 1892 *Claudias angustatus* – Velasco, Geograf. estadist. Republ. Mexicana, 10: 75.  
 1950 *Claudius agassizii* Smith & Taylor (nomen nudum), Univ. Kansas Sci. Bull., 33: 345.  
 1967 *Claudius angustatum* – Sullivan & Rigs, Comp. Biochem. Physiol., 23: fig. 1.

Distribution: Veracruz, Mexico eastward to Belize, excluding the Yucatán Peninsula.

***Kinosternon*** Spix, 1824

- 1815 *Monoclista* Rafinesque (nomen nudum), Analyse de la Nature: 75.  
 1815 *Uronyx* Rafinesque (nomen nudum), Analyse de la Nature: 75.  
 1824 *Kinosternon* Spix (nomen conservandum: Opinion 1534, ICZN 1989), Anim. Nov. Sive Spec. Nov. Testud.: 17. – Subsequently designated type species (Bell 1828): *Kinosternon longicaudatum* Spix, 1824 = *Kinosternon scorpioides scorpioides* (Linnaeus, 1766).  
 1825 *Kinosternom* Gray (ex errore), Ann. Philos. (New Ser.), 10: 211.  
 1826 *Kynosternon* Fitzinger (ex errore), Neue Classif. Rept.: 6.  
 1830 *Kinosternum* Bonaparte (ex errore), Ann. Mus. Civ. Stor. Natur. Genova, 4: 382.  
 1830 *Cinosternon* Wagler (ex errore), Natürl. Syst. Amphib.: 137.  
 1832 *Monoclista* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Monoclista retziana* Rafinesque, 1832 = *Kinosternon scorpioides scorpioides* (Linnaeus, 1766).  
 1832 *Uronyx* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Uronyx scorpioides* (Linnaeus, 1766) = *Kinosternon scorpioides scorpioides* (Linnaeus, 1766).  
 1837 *Cinosternum* Burmeister (ex errore), Handbuch Naturgesch., 2: 731.  
 1844 *Cinosternon* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 33.

- 1844 *Swanka* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 32. – Type species (by monotypy): *Kinosternon (Swanka) scorpioides* [sic] = *Kinosternon scorpioides scorpioides* (Linnaeus, 1766).
- 1857 *Platythyra* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 420. – Type species (by monotypy): *Platythyra flavescens* (Agassiz, 1857) = *Kinosternon flavescens* Agassiz, 1857.
- 1857 *Thyrosternum* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 418. – Subsequently designated type species (Lindholm 1929): *Thyrosternum pensilvanicum* [sic] = *Testudo pensylvanica* Gmelin, 1789 = *Kinosternon subrubrum subrubrum* (Lacépède, 1788).
- 1858 *Thyrosternon* Gray (ex errore), Ann. Mag. Natur. Hist., (3) 1: 288.
- 1865 *Thylosternum* Müller (ex errore), Wirbelth. Mexikos, III, Amphib.: 598.
- 1872 *Cinosternum* Huxley (ex errore), Manual Anat. Vertebr. Anim.: 179.
- 1873 *Anosternon* Sumichrast (ex errore pro *Cinosternon* Wagler, 1830), Arch. Sci. Phys. Natur., 46: 242.
- 1874 *Thrynosternum* Jordan & Van Vleck (ex errore), Popular Key Birds, Rept., Batr. Fish., North. U.S.: 41.
- 1880 *Cinosternon* Sumichrast (ex errore), Bull. Zool. Soc. France, 5: 169.
- 1899 *Cinosternon* Herrera (ex errore), Secr. Fomento.: 28.
- 1901 *Cinosternos* Herrera (nomen novum; nomen suppressum: Opinion 72, ICZN 1922), Nouv. nomencl. organ. miner.: 35.
- 1934 *Kinsternon* Stuart (ex errore), Misc. Publ. Mus. Zool. Univ. Michigan, 29: 5.
- 1936 *Kirosternon* Martín del Campo y Sánchez (ex errore), An. Inst. Biol. Univ. México, 7: 496.
- 1938 *Chinosternum* Caballero & Caballero (ex errore), Parasitology, 31: 449.
- 1954 *Kinonsternon* Liner (ex errore), Proc. Louisiana Acad. Sci., 17: 75.
- 1964 *Kubisternon* Medem in Dahl & Medem (ex errore), Informe fauna acuat. Río Sinú: 115.
- 1973 *Kinonsternun* Alvarez del Toro (ex errore), Rept. Chiapas, 2nd ed.: 18.
- 1973 *Kinosternun* Alvarez del Toro (ex errore), Rept. Chiapas, 2nd ed.: 20.
- 1995 *Cinosestum* Gillet (ex errore), Brit. Herpetol. Soc. Bull., 52: 26.

### ***Kinosternon acutum* Gray, 1831**

- 1831 *Kinosternon scorpioides* var. *acuta* Gray, Synops. Rept. 1 (Cataphracta): 34; plate 7: fig. 1. – Restricted type locality (Schmidt 1941): British Honduras [Belize].
- 1865 *Cinosternum berendtianum* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1865: 189. – Type locality: Tabasco, Mexico.
- 1866 *Cinosternon berendtianum* – Troschel, Arch. Naturgesch., 32: 183.
- 1873 *Cinosternon effeldtii* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1873: 603; plate 5. – Restricted type locality (Smith & Taylor 1950): Cosamaloapam, Veracruz, Mexico.
- 1885 *Cinosternum effeldtii* – Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 13.
- 1905 *Cinosternum effeldti* Gadow (ex errore), Proc. Zool. Soc. London, 1905: 194.
- 1934 *Kinosternon berendtianum* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 59.
- 1941 *Kinosternon acutum* – Stejneger, Proc. U.S. Nat. Mus., 90: 457.
- 1965 *Kinosternon berentianum* Duellman (ex errore), Univ. Kansas Publ. Nus. Natur. Hist., 15: 591.
- 1973 *Kinosternun acutum* – Alvarez del Toro, Rept. Chiapas, 2nd ed.: 165.

Distribution: Central Veracruz, Mexico to Belize, excluding the northern Yucatán Peninsula.

### ***Kinosternon alamosae* Berry & Legler, 1980**

- 1979 *Kinosternon alamosae* Pritchard (nomen suppressum et reiectum: Opinion 1343, ICZN 1985), Encyclopedia of Turtles: 556. – Type locality: vicinity of Alamos, Sonora and the lower Río Yaqui.
- 1980 *Kinosternon alamosae* Berry & Legler in Smith & Smith (nomen nudum), Synops. Herpetof. Mexico, 6, 1979: 1.
- 1980 *Kinosternon alamosae* Berry & Legler (nomen conservandum: Opinion 1343, ICZN 1985), Contrib. Sci. Natur. Hist. Mus. Los Angeles Co., 325: 1; figs 1–2, 3 (left). – Type locality: Rancho Carrizal (27°05'N 109°03'W), 7.2 km north and 11.5 km west of Alamos, Sonora, Mexico.

1996 *Kinosternon alamosa* Rogner (ex errore), Schildkröten, 2: 20.

Distribution: Southern Sonora and northern Sinaloa, Mexico.

### *Kinosternon angustipons* Legler, 1965

1965 *Kinosternon angustipons* Legler, Univ. Kansas Publ., Mus. Natur. Hist., 15: 617; figs 1A–B, 2A, 2C–D; plates 26 (left), 27–28. – Type locality: Los Diamantes, Limón Province, Costa Rica.

Distribution: Caribbean lowlands from southeastern Nicaragua to northwestern Panama.

### *Kinosternon arizonense* Gilmore, 1922

1922 *Kinosternon arizonense* Gilmore, Proc. U.S. Nat. Mus., 62: 2; figs 1–7; plates 1–5. – Type locality: Benson Locality Quarry, two miles south of Benson, Cochise Co., Arizona (Late Pliocene).

1938 *Kinosternon flavescens stejneri* Hartweg, Occ. Pap. Mus. Zool. Univ. Michigan, 371: 1. – Type locality: Llano, Sonora (midway between Nogales and Hermosillo, Mexico).

1978 *Kinosternon arizonense* Iverson (ex errore), Cat. Amer. Amphib. Rept., 216: 1.

1979 *Kinosternon flavescens arizonense* – Iverson, Copeia, 1979: 177.

Distribution: Southwestern Arizona, U.S.A., southward to central Sonora, Mexico.

### *Kinosternon baurii* Garman, 1891

1891 *Cinosternum baurii* Garman, Bull. Essex Inst., 23: 141. – Type locality: Key West Island, Florida.

1894 *Kinosternon baurii* – Lönnberg, Proc. U.S. Nat. Mus., 17: 319.

1925 *Kinosternon bauri palmarum* Stejneger (species name ex errore), J. Washington Acad. Sci., 15: 463. – Type locality: Royal Palm State Park, Dade Co., Florida.

1934 *Kinosternon bauri bauri* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 59.

1939 *Kinosternon baurii baurii* – Stejneger & Barbour, Check List North Amer. Amph. Rept., 4th ed.: 155.

1939 *Kinosternon baurii palmarum* – Stejneger & Barbour, Check List North Amer. Amph. Rept., 4th ed.: 155.

Distribution: Southeastern Virginia southward to Florida and Florida Keys, U.S.A.

### *Kinosternon chimalhuaca* Berry, Seidel & Iverson, 1996

1995 *Kinosternon chimalhuaca* Berry, Seidel & Iverson in Frank & Ramus (nomen nudum), Compl. Guide Sci. Comm. Names Rept. Amphib. World: 120.

1996 *Kinosternon chimalhuaca* Berry, Seidel & Iverson in Rogner, Schildkröten, 2: 23; fig. 7 [in caption incorrectly given as *Kinosternon f. arizonense*]. – Type locality: a clear pond (19°15'N 104°43'W) located 30 m southeast of Mexico Highway 80, 1.9 km northeast of Barra de Navidad, Jalisco, Mexico.

Distribution: Jalisco and Colima, Mexico.

### *Kinosternon creaseri* Hartweg, 1934

1934 *Kinosternon creaseri* Hartweg, Occ. Pap. Mus. Zool. Univ. Michigan, 277: 1. – Type locality: one mile south of the Hacienda Chichen Itza, Yucatán.

Distribution: Central and eastern Yucatán Peninsula, Mexico.



***Kinosternon dumni* Schmidt, 1947**

- 1947 *Kinosternon dumni* Schmidt, Fieldiana, Zool., 31: 109; fig. 14 (left). – Type locality: Pizarro, Choco, Colombia.

Distribution: Río San Juan to Río Baudo Basins of western Colombia.

***Kinosternon durangoense* Iverson, 1979**

- 1979 *Kinosternon flavescens durangoense* Iverson, Copeia, 1979: 212; fig. 3. – Type locality: 8 km from Ceballos, in Lago de los Palomas, Durango, Mexico.  
2001 *Kinosternon durangoense* – Serb, Phillips & Iverson, Mol. Phylogenet. Evol., 18: 149.

Distribution: Southern Chihuahua, western Coahuila and eastern Durango, Mexico.

***Kinosternon flavescens* Agassiz, 1857**

- 1857 *Cinosternon flavescens* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 260; 2: plate 5: figs 12–15. – Restricted type locality (Iverson 1978): Rio Blanco, near San Antonio, Texas.  
1857 *Platythyra flavescens* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 430.  
1857 *Cinosternum flavescens* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392.  
1892 *Kinosternum flavescens* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1892: 333.  
1903 *Kinosternon flavescens* – Stone, Proc. Acad. Natur. Sci. Philadelphia, 1903: 540.  
1938 *Kinosternon flavescens flavescens* – Hartweg, Occ. Pap. Mus. Zool. Univ. Michigan, 371: 2.  
1951 *Kinosternon flavescens spooneri* Smith, Bull. Chicago Acad. Sci., 9: 195; plate 2. – Type locality: Henderson County State Forest, 7 miles north of Oquawka, Henderson Co., Illinois.  
1972 *Platythyra flavescens* Raun & Gehlbach (ex errore), Bull. Dallas Mus. Natur. Hist., 2: 12.  
1991 *Kinosternon spooneri* – Collins, Herpetol. Rev., 22: 43.

Distribution: Southeastern Arizona to northwestern Nebraska to western Illinois to southern Texas, U.S.A., and northern Chihuahua to northern Veracruz, Mexico.

***Kinosternon herrerae* Stejneger, 1925**

- 1925 *Kinosternon herrerae* Stejneger, J. Washington Acad. Sci., 15: 462. – Restricted type locality (Smith & Brandon 1968): vicinity of Tampico, Tamaulipas, Mexico.  
2001 *Kinosternon herrerae* Ippi & Flores (ex errore), Acta Zool. Mex., 84: 62.

Distribution: Southern Tamaulipas to central Veracruz and adjacent San Luis Potosí, Hidalgo and Puebla, Mexico.

***Kinosternon hirtipes* Wagler, 1833**

Distribution: From the Big Bend region of Texas, U.S.A., and adjacent Chihuahua southward to Mexico City, Mexico.

***Kinosternon hirtipes hirtipes* Wagler, 1833**

- 1830 *Cinosternon hirtipes* Wagler (nomen nudum), Natürl. Syst. Amphib.: 137.  
1833 *Cinosternon hirtipes* Wagler, Descr. Icon. Amphib.: plate 30. – Restricted type locality (Schmidt 1953): lakes near Mexico City.

- 1835 *Clemmys (Cinosternon) hirtipes* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1844 *Cinosternon hirtipes* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 33.  
 1854 *Kinosternum hirtipes* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 186.  
 1856 *Kinosternon hirtipes* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 47.  
 1857 *Cinosternum hirtipes* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1857 *Thyrosternum hirtipes* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 429.  
 1859 *Ozotheca hirtipes* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1859: 6.  
 1938 *Chinosternum hirtipes* – Caballero & Caballero, Parasitology, 31: 449.  
 1953 *Kinosternon [hirtipes] hirtipes* – Schmidt, Check List North Amer. Amph. Rept., 6th ed.: 89.  
 1975 *Kynosternon hirtipes* – Lopez, Jap. J. Physiol., 25: 2.  
 1977 *Kinosternon hertipes* Semmler, Seidel & Williams (ex errore), New Mexico Herpetol. Soc. Newsl., 14: 18.

Distribution: Valley of Mexico, Mexico.

#### *Kinosternon hirtipes chapalaense* Iverson, 1981

- 1979 *Kinosternon hirtipes chapalaense* Pritchard (nomen nudum), Encyclopedia of Turtles: 557.  
 1981 *Kinosternon hirtipes chapalaense* Iverson, Tulane Stud. Zool. Bot., 23: 6; figs 22g–h, 23c, 24i–l. – Type locality: Lake Chapala (20°18'N 103°12'W), 0.25 miles off Chapala, Jalisco, Mexico.  
 1996 *Kinosternon hirtipes chapalense* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 458.

Distribution: Chapala and Zapotlan Basins of Jalisco and Michoacán, Mexico.

#### *Kinosternon hirtipes magdalense* Iverson, 1981

- 1981 *Kinosternon hirtipes magdalense* Iverson, Tulane Stud. Zool. Bot., 23: 6; figs 22l, 28. – Type locality: along the face of the dam at Presa San Juanico (approx. 19°50'N 102°40'W), Michoacán, Mexico.

Distribution: Magdalena Valley of Michoacán, Mexico.

#### *Kinosternon hirtipes megacephalum* Iverson, 1981

- 1981 *Kinosternon hirtipes megacephalum* Iverson, Tulane Stud. Zool. Bot., 23: 6; figs 22m–n, 24m–n. – Type locality: 3.2 km SE Viesca (25°21'N 102°48'W), Coahuila, Mexico.  
 2003 *Kinosternon hirtipes megalcephala* Artner (ex errore), Emys, 10 (6): xxxvi.  
 2004 *Kinosternon megacephalum* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 63.

Distribution: Only known from the type locality; perhaps extinct.

#### *Kinosternon hirtipes murrayi* Glass & Hartweg, 1951

- 1951 *Kinosternon murrayi* Glass & Hartweg, Copeia, 1951: 50; fig. 1 (top). – Type locality: Harper Ranch, 37 miles south of Marfa, Presidio Co., Texas.  
 1953 *Kinosternon hirtipes murrayi* – Schmidt, Check List North Amer. Amph. Rept., 6th ed.: 89.  
 1976 *Kinosternon hirtipes murrayi* Ashton (ex errore), SSAR Misc. Publ., Herpetol. Circ., 5: 51.

Distribution: Big Bend region of Texas, U.S.A., southward to northern Jalisco, northern Michoacán and eastern state of Mexico, Mexico.

*Kinosternon hirtipes tarascense* Iverson, 1981

- 1981 *Kinosternon hirtipes tarascense* Iverson, Tulane Stud. Zool. Bot., 23: 6; figs 22i–k, 23e, 24g–h. – Type locality: Lago de Pátzcuaro (19°32'N 101°36'W), adjacent to city of Pátzcuaro, Michoacán, Mexico.

Distribution: Lago de Pátzcuaro Basin of Michoacán, Mexico.

*Kinosternon integrum* LeConte, 1854

- 1854 *Kinosternum integrum* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 183. – Restricted type locality (Smith & Taylor 1950): Acapulco, Guerrero, Mexico.  
 1857 *Cinosternum integrum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1857 *Thyrosternum integrum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 429.  
 1858 *Thyrosternum integrum* – Gray, Ann. Mag. Natur. Hist., (3) 1: 288.  
 1862 *Cinosternon integrum* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 41.  
 1865 *Kinosternon integrum* – Müller, Wirbelth. Mexikos, III, Amphib.: 598.  
 1870 *Swanka integra* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.  
 1876 *Cinosternon rostellum* Bocourt, J. Zool. Paris, 5: 391. – Type locality: Guanajuato, Mexico.  
 1888 *Cinosternon guanajuatense* Dugès, Naturaleza, 1: 107. – Type locality: Guanajuato, Mexico.  
 1889 *Cinosternum rostellum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 42.  
 1904 *Cinosternum scorpioides integrum* – Siebenrock, Denkschr. Akad. Wiss. Wien, math.-naturwiss. Kl., 76: 3.  
 1907 *Cinosternum scorpioides integrum* forma *mexicana* Siebenrock (nomen illegitimum), Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 116: 579. – Restricted type locality (Smith & Smith 1980): Mazatlan, Mexico.  
 1934 *Kinosternon scorpioides integrum* – Ahl, Zool. Anz., 106: 184.  
 1960 *Kinosternon intergrum* Dixon (ex errore), Texas J. Sci., 12: 37.  
 1995 *Cinostetum integrum* – Gillet, Brit. Herpetol. Soc. Bull., 52: 26.  
 1996 *Kinosternon ingegrum* Rogner (ex errore), Schildkröten, 2: 20.

Distribution: Southern Sonora and western Tamaulipas to central Oaxaca, Mexico.

*Kinosternon leucostomum* Duméril & Bibron, 1851

Distribution: From central Veracruz, Mexico, southward in the Atlantic drainages to Nicaragua, and then southward in both Atlantic and Pacific drainages to Colombia, Ecuador, and northwestern Peru.

*Kinosternon leucostomum leucostomum* Duméril & Bibron, 1851

- 1851 *Cinosternon leucostomum* Duméril & Bibron in Duméril & Duméril, Cat. méthod. Coll. Rept.: 17. – Restricted type locality (Schmidt 1941): Río Usumacinta, El Petén, Guatemala.  
 1854 *Kinosternum leucostomum* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 183.  
 1856 *Kinosternon leucostomum* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 46.  
 1857 *Cinosternum leucostomum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1857 *Thyrosternum leucostomum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1869 *Swanka maculata* Gray, Proc. Zool. Soc. London, 1869: 182. – Restricted type locality (Smith & Taylor 1950): Cosamaloapam, Veracruz, Mexico.  
 1870 *Swanka leucostoma* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.  
 1885 *Cinosternum brevigulare* Günther in Godman & Salvin (non *Cinosternum brevigulare* Cope, 1885 = *Kinosternon leucostomum postinguinale* Cope, 1887), Biol. Centr. Amer., Rept.: 17; plate 18: fig. a. – Type locality: Playa Vicente, Veracruz, Mexico.

- 1885 *Cinosternum cobanum* Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 18; plate 18: fig. b. – Restricted type locality (Smith & Taylor 1950): Cobán.
- 1907 *Cinosternon cobanum* – Atkinson, Ohio Natural., 7: 152.
- 1934 *Kinsternon leucostomum* – Stuart, Misc. Publ. Mus. Zool. Univ. Michigan, 29: 5.
- 1953 *Kinosternon leuconostomun* Maldonado Koerdell in Beltrán (ex errore), Vida silvestre y recurs. natural.: 133.
- 1960 *Kinosternon leucostomun* Alvarez del Toro (ex errore), Rept. Chiapas: 45.
- 1965 *Kinosternon mopanum* Neill, Bull. Florida State Mus., 9: 117; figs 6 (right, top and bottom), 7. – Type locality: Waha Leaf Creek, southern Stann Creek District, Belize.
- 1973 *Kinosternun leucostomun* – Alvarez del Toro, Rept. Chiapas, 2nd ed.: 20.
- 1975 *Kinosternon leucostoma* – Tryon, Herp., 11: 34.
- 1979 *Kinosternon leucostomum leucostomum* – Berry, Diss. Abstr. Intern. (07B), 39: 3186.

Distribution: Central Veracruz, Mexico to northern Nicaragua.

### *Kinosternon leucostomum postinguinale* Cope, 1887

- 1885 *Cinosternum brevigulare* Cope (non *Cinosternum brevigulare* Günther in Godman & Salvin, 1885 = *Kinosternon leucostomum leucostomum* Duméril & Bibron, 1851), Proc. Amer. Philos. Soc. Philadelphia, 22: 389. – Type locality: Tierra Caliente of Costa Rica at Sipurio, on the east coast.
- 1887 *Cinosternum postinguinale* Cope (nomen novum pro *Cinosternum brevigulare* Cope, 1885), Bull. U.S. Nat. Mus., 32: 23.
- 1907 *Cinosternon brevigulare* – Atkinson, Ohio Natural., 7: 152.
- 1913 *Cinosternum spurrelli* Boulenger, Proc. Zool. Soc. London, 1913: 1030; plates 105–106. – Type locality: Peña Lisa, Condoto, western Colombia.
- 1946 *Kinosternon postinguinale* – Schmidt, Smithson. Misc. Coll., 106: 4.
- 1946 *Kinosternon spurelli* Schmidt (ex errore), Smithson. Misc. Coll., 106: 5.
- 1955 *Kinosternon spurrelli* – Mertens & Wermuth, Zool. Jb., Syst., 83: 328.
- 1965 *Kinosternon postinguinal* Legler (ex errore), Univ. Kansas Publ. Mus. Natur. Hist., 15: 621.
- 1979 *Kinosternon leucostomum spurrelli* – Pritchard, Encyclopedia of Turtles: 529.
- 1979 *Kinosternon leucostomum postinguinale* – Berry, Diss. Abstr. Intern. (07B), 39: 3186.
- 1990 *Kinosternon leucostomum spurelli* – Rudloff, Schildkröten: 79.
- 1992 *Kinosternon leucostomum postinguinde* Nöllert (ex errore), Schildkröten, 2nd ed.: 93.

Distribution: Southern Nicaragua to Ecuador.

### *Kinosternon oaxacae* Berry & Iverson, 1980

- 1979 *Kinosternon oaxacae* Pritchard (nomen suppressum et reiectum: Opinion 1343, ICZN 1985), Encyclopedia of Turtles: 557. – Type locality: vicinity of Pochutla, Oaxaca.
- 1980 *Kinosternon oaxacae* Berry & Iverson in Smith & Smith (nomen nudum), Synops. Herpetof. Mexico, 6, 1979: 1.
- 1980 *Kinosternon oaxacae* Berry & Iverson (nomen conservandum: Opinion 1343, ICZN 1985), J. Herpetol., 14: 313; figs 1–2 (both left). – Type locality: 11.6 km N of Pochutla (San Pedro Pochutla; 15°46'N 96°28'W), along Mexican Hwy 175 (ca. 235 m), Oaxaca, Mexico.

Distribution: Southern Oaxaca, Mexico.

### *Kinosternon scorpioides* (Linnaeus, 1766)

Distribution: From southern Tamaulipas, Mexico, southward to northern Argentina, Bolivia, and northern Peru.

*Kinosternon scorpioides scorpioides* (Linnaeus, 1766)

- 1766 *Testudo scorpioides* Linnaeus, Syst. Natur., Ed. 12, 1: 352. – Type locality: Surinam.
- 1792 *Testudo tricarinata* Retzius in Schoepff [non *Testudo tricarinata* Bory, 1804 = *Geoemyda spengleri* (Gmelin, 1789)], Hist. Testud. Icon. illustr.: 9; plate 2. – Restricted type locality (hoc loco): Surinam.
- 1801 *Testudo retzii* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 174. – Restricted type locality (hoc loco): Surinam.
- 1812 *Emys retzii* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 312.
- 1812 *Emys scorpioidea* Schweigger (ex errore), Königsberg. Arch. Naturwiss. Math., 1: 281.
- 1816 *Emys scorpioides* – Oken, Lehrbuch Naturgesch., 3: 347.
- 1820 *Chersine scorpioides* – Merrem, Tentam. Syst. Amphib.: 33.
- 1820 *Terrapene tricarinata* – Merrem, Tentam. Syst. Amphib.: 28.
- 1824 *Kinosternon brevicaudatum* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 18; plate 13. – Type locality: Rio Solimões.
- 1824 *Kinosternon longicaudatum* Spix (nomen conservandum: Opinion 1534, ICZN 1989), Anim. nova s. Spec. nov. Testud. Brasil.: 17; plate 12. – Type locality: Brazil.
- 1825 *Kinosternon shavianum* Bell, Zool. J., 2: 302. – Type locality: unknown.
- 1826 *Terrapene retzii* – Fitzinger, Neue Classif. Rept.: 45.
- 1826 *Terrapene scorpioidea* – Fitzinger, Neue Classif. Rept.: 45.
- 1830 *Cinosternon brevicaudatum* – Wagler, Natürl. Syst. Amphib.: 137.
- 1830 *Cinosternon longicaudatum* – Wagler, Natürl. Syst. Amphib.: 137.
- 1830 *Cinosternon scorpioidea* – Wagler, Natürl. Syst. Amphib.: 137.
- 1830 *Cinosternon shavianum* – Wagler, Natürl. Syst. Amphib.: 137.
- 1830 *Clemmys tricarinata* – Wagler, Natürl. Syst. Amphib.: 137.
- 1831 *Emys (Kinosternon) scorpioides* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 13.
- 1831 *Kinosternon scorpioides* – Gray, Synops. Rept., 1 (Cataphracta): 34.
- 1832 *Monoclista retziana* Rafinesque (nomen novum pro *Testudo retzii* Daudin, 1801), Atlant. J. Friend Knowl., 1: 64.
- 1832 *Uroonyx scorpioides* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.
- 1833 *Cinosternon scorpioidei* Wagler (ex errore), Descr. Icon. Amphib.: plate 5: fig. 31.
- 1833 *Cinosternon scorpioideum* Wagler (ex errore), Descr. Icon. Amphib.: plate 5: fig. 44.
- 1833 *Terrapene scorpioides* – Schinz, Naturgesch. Abb. Rept.: 46.
- 1835 *Cinosternon scorpioides* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 363.
- 1835 *Kinosternon shavianum* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 363.
- 1835 *Clemmys (Cinosternon) scorpioidea* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.
- 1844 *Kinosternon scorpioides* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 32.
- 1844 *Kinosternon (Swanka) scorpioides* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 32.
- 1854 *Kinosternum brevicaudatum* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 186.
- 1854 *Kinosternum longicaudatum* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 181.
- 1854 *Kinosternum scorpioides* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 181.
- 1857 *Cinosternum brevicaudatum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 426.
- 1857 *Cinosternum longicaudatum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 426.
- 1857 *Cinosternum scorpioides* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 427.
- 1857 *Cinosternum shavianum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 426.
- 1859 *Thyrosternum longicaudatum* LeConte (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 11: 6.
- 1859 *Thyrosternum scorpioides* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 11: 6.
- 1869 *Swanka scorpioides* – Gray, Proc. Zool. Soc. London, 1869: 181.
- 1870 *Swanka longicaudata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.
- 1872 *Swanka scorpioides* – Gray in Sowerby & Lear, Tort., Terrap., Turtl.: 10.
- 1876 *Cinosternon shavianum* – Bocourt, J. Zool. Paris, 5: 387.
- 1880 *Cinosternon shavianum* – Sumichrast, Bull. Zool. Soc. France, 5: 169.
- 1882 *Cinosternum shavianum* – Sumichrast, Naturaleza, 6: 34.
- 1884 *Thyrosternum shavianum* – Garman, Bull. Essex Inst., 16: 8.
- 1892 *Cinosternum shawianum* Velasco (ex errore), Geogr. Estadist. Repub. Mexicana, 10: 79.

- 1907 *Cinosternum scorpioides integrum* forma *brasiliana* Siebenrock (nomen illegitimum), Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 116: 579. – Type locality: Brazil.
- 1907 *Cinosternum scorpioides scorpioides* – Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 116: 576.
- 1936 *Kinosternon scorpioides pachyurum* Müller & Hellmich, Wiss. Ergebn. dtsh. Gran-Chaco-Exped., Amphib. Rept., 1: 100. – Type locality: Villa Montes, Bolivia.
- 1936 *Kinosternon scorpioides seriei* Freiberg, Physis, 12: 169; fig.; plate. – Type locality: El Tabacal, Salta, Argentina.
- 1946 *Kinosternon panamensis* Schmidt, Smithson. Misc. Coll., 106: 5. – Type locality: Panama Railroad, Canal Zone, Panama.
- 1948 *Kinosternon escorpioides* Zerecero y D. (ex errore), An. Inst. Biol. Univ. México, 19: 165.
- 1955 *Kinosternon scorpioides panamense* Mertens & Wermuth (ex errore), Zool. Jb., Syst., 83: 328.
- 1955 *Kinosternon scorpioides scorpioides* – Mertens & Wermuth, Zool. Jb., Syst., 83: 328.
- 1970 *Kinosternon scorpioides carajasensis* da Cunha, Bol. Mus. Paraense Emilio Goeldi, 73: 1; figs 2.1, 2.3, 2.5–2.7. – Type locality: da Serra dos Carajás (Serra Norte), Pará.
- 1977 *Kinosternon scorpioides pachyrum* Wermuth & Mertens (ex errore), Test., Crocod., Rhynchoceph., Tierreich, 100: xxi.
- 1986 *Kinosternon scorpioides serei* Iverson (ex errore), Checkl. Distr. Maps Turtl. World: 124.
- 1993 *Kinosternon scorpioides serieli* Goślowski & Hryniewicz (ex errore), Żółwie: 64.
- 1996 *Kinosternon scorpioides carajanensis* Rogner (ex errore), Schildkröten, 2: 10.
- 2004 *Kinosternon scorpioides carajasense* Joseph-Ouni (ex errore), Zoogeogr. Turtl., Croc. Tuataras, 2003: 123.

**Distribution:** Southern Panama eastward to eastern Brazil and southward to northern Argentina.

**Comment:** *Kinosternon scorpioides carajasensis* da Cunha, 1970 and *K. s. seriei* Freiberg, 1936 were synonymized with *K. s. scorpioides* (Linnaeus, 1766) by Cabrera & Colantonio (1997).

#### *Kinosternon scorpioides abaxillare* Baur, 1925

- 1925 *Kinosternon abaxillare* Baur in Stejneger, J. Washington Acad. Sci., 15: 462. – Type locality: Tuxtla, Chiapas, Mexico.
- 1973 *Kinosternon abaxillare* – Alvarez del Toro, Rept. Chiapas, 2nd ed.: 20.
- 1979 *Kinosternon scorpioides abaxillare* – Berry, Diss. Abstr. Intern. (07B), 39: 3186.
- 2003 *Kinosternon cruentatum abaxillare* – Artner, Emys, 10 (6): xix.

**Distribution:** Central Chiapas, Mexico.

#### *Kinosternon scorpioides albogulare* Duméril & Bocourt, 1870

- 1870 *Cinosternon albogulare* Duméril & Bocourt, Miss. sci. Mexique, Zool., 3: 24. – Type locality: San José, Costa Rica.
- 1875 *Cinosternon albogulare* – Cope, Bull. U.S. Nat. Mus., 1: 153.
- 1934 *Kinosternon cruentatum albogulare* – Wettstein, Sitzungsber. Akad. Wiss. Wien, Math.-naturwiss. Kl., Abt. 1, 143: 14.
- 1950 *Kinosternon scorpioides albogulare* – Dunn & Saxe, Proc. Acad. Natur. Sci. Philadelphia, 102: 145.

**Distribution:** Honduras to Panama.

#### *Kinosternon scorpioides cruentatum* Duméril & Bibron, 1851

- 1851 *Cinosternon cruentatum* Duméril & Bibron in Duméril & Duméril, Cat. Méthod. Coll. Rept.: 16. – Restricted type locality (Smith & Taylor 1950): San Mateo del Mar, Oaxaca, Mexico.

- 1854 *Kinosternum cruentatum* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 186.  
 1854 *Kinosternum mexicanum* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 182. – Restricted type locality (Smith & Taylor 1950): San Mateo del Mar, Oaxaca, Mexico.  
 1856 *Kinosternon cruentatum* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 44.  
 1857 *Cinosternum cruentatum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 427.  
 1857 *Cinosternum mexicanum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 427.  
 1860 *Kinosternum triliratum* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1859: 6. – Restricted type locality (Smith & Taylor 1950): San Mateo del Mar, Oaxaca, Mexico.  
 1862 *Cinosternon mexicanum* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 41.  
 1862 *Cinosternon triliratum* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 41.  
 1865 *Kinosternon mexicanum* – Müller, Wirbelth. Mexikos, III, Amphib.: 598.  
 1870 *Swanka cruentata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.  
 1870 *Swanka mexicana* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.  
 1870 *Swanka trilirata* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.  
 1884 *Thyrosternum cruentatum* – Garman, Bull. Essex Inst., 16: 8.  
 1885 *Cinosternum triliratum* – Günther in Godman & Salvin, Biol. Centr. Amer., Rept.: 14.  
 1941 *Kinosternon cruentatum cruentatum* – Schmidt, Field Mus. Natur. Hist., 22: 488.  
 1941 *Kinosternon cruentatum consors* Stejneger, Proc. U.S. Nat. Mus., 90: 458. – Type locality: Cozumel Island, Yucatán.  
 1945 *Kinosternon crenulatum* Pearse (ex errore), Enciclop. Yucatán., 1: 222.  
 1973 *Kinosternon cruentatum cruentatum* – Alvarez del Toro, Rept. Chiapas, 2nd ed.: 18.  
 1979 *Kinosternon scorpioides cruentatum* – Berry, Diss. Abstr. Intern. (07B), 39: 3186.  
 1996 *Kinosternon cruentatum consor* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 456.

Distribution: Tamaulipas, Mexico, to northeastern Nicaragua.

#### ***Kinosternon sonoriense* LeConte, 1854**

Distribution: From the lower Colorado and Gila Rivers in Arizona and New Mexico, U.S.A., southward to the Río Yaqui basin, Mexico, and eastward through the Río Casas Grandes basin of northwestern Chihuahua, Mexico.

#### *Kinosternon sonoriense sonoriense* LeConte, 1854

- 1854 *Kinosternum sonoriense* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 184. – Type locality: Tucson, Sonora.  
 1856 *Kinosternon sonoriense* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 79.  
 1857 *Cinosternum sonoriense* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392.  
 1857 *Thyrosternum sonoriense* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1860 *Kinosternum henrici* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1859: 4. – Type locality: New Mexico.  
 1860 *Thyrosternum henrici* – Troschel, Arch. Naturgesch., 26: 270.  
 1862 *Cinosternon henrici* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 41.  
 1862 *Cinosternon sonoriense* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 41.  
 1865 *Thylosternum sonoriense* – Müller, Wirbelth. Mexikos, III, Amphib.: 598.  
 1870 *Swanka henricii* Gray (ex errore), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 69.  
 1875 *Cinosternum henrici* – Cope, U.S. Nat. Mus. Bull., 1: 52.  
 1889 *Swanka henrici* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 40.  
 1945 *Kinosternon sonoriensis* Bogert & Oliver (ex errore), Bull. Amer. Mus. Natur. Hist., 83: 396.  
 1962 *Kinosternon sonorensis* Weise (ex errore), Turtox News, 40: 165.  
 1980 *Kinosternon seonoriense* Berry & Shine (ex errore), Oecologia, 44: 189.  
 1981 *Kinosternon sonoriense sonoriense* – Iverson, Tulane Stud. Zool. Bot., 23: 42.  
 1996 *Kinosternon sonorensis sonorensis* Rogner (ex errore), Schildkröten, 2: 41.

**Distribution:** Southern Arizona and southwestern New Mexico, U.S.A., to Sonora and western Chihuahua, Mexico.

*Kinosternon sonoriense longifemorale* Iverson, 1981

- 1981 *Kinosternon sonoriense longifemorale* Iverson, Tulane Stud. Zool. Bot., 23: 6; fig. 27. – Type locality: Sonoyta (31°51'N 112°50'W), Sonora, Mexico.  
 1996 *Kinosternon sonorensis longifemorale* – Rogner, Schildkröten, 2: 41.

**Distribution:** Rio Sonoyta Basin in Arizona, U.S.A., and Sonora, Mexico.

*Kinosternon subrubrum* (Lacépède, 1788)

**Distribution:** Eastern U.S.A.

*Kinosternon subrubrum subrubrum* (Lacépède, 1788)

- 1788 *Testudo subrubra* Lacépède, Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 132. – Designated type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1789 *Testudo pensylvanica* Gmelin in Linnaeus, Syst. Natur., Ed. 13, 1: 1042. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1805 *Emydes pensylvancia* Brongniart (ex errore), Essai Classif. Natur. Rept.: 27.  
 1812 *Emys pensylvanica* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 283.  
 1820 ? *Terrapene boscii* Merrem, Tentam. Syst. Amphib.: 27. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1820 *Terrapene pensylvanica* – Merrem, Tentam. Syst. Amphib.: 27.  
 1825 *Cistuda pensylvanica* – Say, J. Acad. Natur. Sci. Philadelphia, 4: 206.  
 1825 *Sternotherus pensylvanica* – Gray, Ann. Philos. (New Ser.), 10: 211.  
 1825 *Kinosternon pennsylvanicum* Bell (ex errore), Zool. J., 2: 304.  
 1825 ? *Sternotherus boscii* – Bell, Zool. J., 2: 308.  
 1830 *Kinosternum pennsylvanicum* – Bonaparte, Leopoldus Arch. Genoa: 167.  
 1830 *Cinosternon pennsylvanicum* – Wagler, Natürl. Syst. Amphib.: 137.  
 1831 *Emys (Kinosternon) pennsylvanica* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 13.  
 1835 *Clemmys (Cinosternon) pensylvanica* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1842 *Kinosternon pennsylvanicum* – DeKay, Zool. New York, Rept. Amphib.: 21.  
 1844 *Kinosternon (Kinosternon) doubledayi* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 33. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1844 *Kinosternon (Kinosternon) oblongum* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 33. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1854 *Kinosternum doubledayi* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 186.  
 1854 *Kinosternum pennsylvanicum* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 182.  
 1856 *Kinosternon punctatum* Gray, Proc. Zool. Soc. London, 1855: 198. – Type locality: East Florida.  
 1857 *Cinosternon pennsylvanicum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 279.  
 1857 *Cinosternum doubledayi* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1857 *Cinosternum oblongum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1857 *Cinosternum pennsylvanicum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 373.  
 1857 *Cistudo pennsylvanica* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 428.  
 1857 *Terrapene pensylvanica* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 418.  
 1857 *Thyrosternum pennsylvanicum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 420.  
 1857 *Cinosternum doubledayi* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 2: 642.  
 1857 *Cinosternum punctatum* – Agassiz, Contrib. Natur. Hist. U.S.A., 2: 642.  
 1865 *Cinosternon doubledayi* – Strauch, Mem. Acad. impér. Sci. St. Pétersbourg (7) 8 (13): 99.



- 1869 *Swanka fasciata* Gray, Proc. Zool. Soc. London, 1869: 183. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.
- 1889 *Cinosternum pensylvanicum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1894 *Kinosternon pensylvanicum* Lönnberg (ex errore), Proc. U.S. Nat. Mus., 17: 319.
- 1899 *Cinosternon pensylvanicum* – Herrera, Secr. Fomento.: 28.
- 1907 *Cinosternum pensylvanicum* – Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 116: 564.
- 1909 *Cinosternum pensilvanium* Siebenrock (ex errore), Zool. Jb., Syst., Suppl. 10: 442.
- 1909 *Testudo pensilvanica* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 442.
- 1917 *Kinosternon subrubrum subrubrum* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 112.
- 1954 *Kinosternon subrubrum* – Limer, Proc. Louisiana Acad. Sci., 17: 75.
- 1961 *Kinosternon subrubrum* – Schwartz, Educ. Ser. Maryland Dept. Res. Educ., 50: 16.
- 1999 *Kinosternon subrum* Richard (ex errore), Tortug. Reg. árid. Argentina: 51.

**Distribution:** Southern Illinois and Indiana to southern Alabama to north Florida to southeastern New York, U.S.A.

### *Kinosternon subrubrum hippocrepis* Gray, 1856

- 1856 *Kinosternon hippocrepis* Gray, Proc. Zool. Soc. London, 1855: 198. – Type locality: New Orleans, North America.
- 1857 *Cinosternum hippocrepis* – Agassiz, Contrib. Natur. Hist. U.S.A., 2: 642.
- 1865 *Cinosternon hippocrepis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 100.
- 1893 *Kinosternon louisianae* Baur, Amer. Natural., 27: 676. – Type locality: New Orleans, Louisiana.
- 1907 *Cinosternum louisianae* – Ditmars, Reptile Book: xxiii.
- 1917 *Kinosternon subrubrum hippocrepis* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 112.

**Distribution:** Texas and Oklahoma to Mississippi and Missouri, U.S.A.

### *Kinosternon subrubrum steindachneri* Siebenrock, 1906

- 1906 *Cinosternum steindachneri* Siebenrock, Zool. Anz., 30: 727; fig. – Type locality: Orlando, Florida.
- 1917 *Kinosternon steindachneri* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 112.
- 1940 *Kinosternon subrubrum steindachneri* – Carr, Univ. Florida Biol. Sci., 3: 99.
- 1992 *Kinosternon subrubrum steindachnerii* Nöllert (ex errore), Schildkröten, 2nd ed.: 94.

**Distribution:** Peninsular Florida, U.S.A.

## ***Staurotypus* Wagler, 1830**

- 1830 *Staurotypus* Wagler, Natürl. Syst. Amphib.: 137. – Type species (by monotypy): *Staurotypus triporcatus* (Wiegmann, 1828).
- 1864 *Stauremys* Gray, Proc. Zool. Soc. London, 1864: 127. – Type species (by monotypy): *Staurotypus (Stauremys) salvinii* Gray, 1864.
- 1882 *Staurotipus* Sumichrast (ex errore), Naturaleza, 6: 34.
- 1931 *Staurotopus* Deraniyagala (ex errore), Proc. Zool. Soc. London, 1930: 1065.

### *Staurotypus salvinii* Gray, 1864

- 1864 *Staurotypus (Stauremys) salvinii* Gray, Proc. Zool. Soc. London, 1864: 127. – Type locality: Haumanchal, Guatemala.

- 1870 *Stauremys salvinii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 65.  
 1872 *Staurotypus marmoratus* Fischer, Arch. Naturgesch., 38: 265; plate 10. – Restricted type locality (Smith & Taylor 1950): Santa Efigenia, Oaxaca, Mexico.  
 1872 *Claudius severus* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1872: 24. – Type locality: Santa Efigenia on the western side of the Isthmus of Tehuantepec, Mexico.  
 1876 *Staurotypus (Claudius) severus* – Bocourt, J. Zool. Paris, 5: 387.  
 1885 *Staurotypus salvini* Günther in Godman & Salvin (ex errore), Biol. Centr. Amer., Rept.: 11.  
 1905 *Staurotypus biporcatus* Gadow (nomen nudum), Proc. Zool. Soc. London, 1905: 209.  
 1953 *Staurotypus salvanii* Beltrán (ex errore), Vida silvestre y recurs. natural.: 130.

**Distribution:** Pacific drainages of eastern Oaxaca, Mexico, southward to El Salvador.

### ***Staurotypus triporcatus* (Wiegmann, 1828)**

- 1828 *Terrapene triporcata* Wiegmann, Isis (Oken), 21: 364. – Type locality: Río Alvarado, Veracruz, Mexico.  
 1830 *Staurotypus triporcatus* – Wagler, Natürl. Syst. Amphib.: 137.  
 1831 *Emys (Kinosternon) triporcata* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 13.  
 1831 *Kinosternon triporcatum* – Gray, Synops. Rept., 1 (Cataphracta): 75.  
 1835 *Clemmys (Staurotypus) triporcata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1872 *Claudius pictus* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1872: 26. – Type locality: Alta Verapaz, Guatemala.  
 1882 *Staurotipus triporcatus* – Sumichrast, Naturaleza, 6: 34.  
 1963 *Staurotypus triporeatus* Thatcher (ex errore), Amer. Midl. Natur., 70: 347.  
 1980 *Clemmys (Staurotypus) triporcatus* – Smith & Smith, Synops. Herpetof. Mexico, 6, 1979: 47.  
 2001 *Staurotipus tripocartus* Ippi & Flores (ex errore), Acta Zool. Mex., 84: 52.

**Distribution:** Central Veracruz southward through southern Yucatán, Mexico, to northwestern Honduras.

### ***Sternotherus* Gray, 1825**

- 1825 *Sternotherus* Gray (nomen conservandum: Opinion 1534, ICZN 1989), Ann. Philos. (New Ser.), 10: 211. – Subsequently designated type species (Stejneger 1902): *Sternotherus odoratus* (Latreille, 1801).  
 1825 *Sternotherus* Bell (nomen suppressum et reiectum: Opinion 1534, ICZN 1989), Zool. J., 2: 305. – Subsequently designated type species (Fitzinger 1843): “*Sternotherus odoratus* Bell” = *Sternotherus odoratus* (Latreille, 1801).  
 1829 *Sternoteirus* Gravenhorst (ex errore), Delic. Mus. Zool. Vratislav., Rept., 1, Chelon. Batrach.: 17.  
 1831 *Sternotheros* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 13.  
 1831 *Stenotherus* Sherborn (ex errore), Index Anim., Sect. 2, Fasc. 25: 6142.  
 1856 *Aromochelys* Gray, Proc. Zool. Soc. London, 1855: 199. – Subsequently designated type species (Strauch 1862): *Aromochelys odorata* (Latreille, 1801) = *Sternotherus odoratus* (Latreille, 1801).  
 1857 *Goniochelys* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 420. – Subsequently designated type species (Lindholm 1929): *Goniochelys triquetra* (Agassiz, 1857) = *Sternotherus carinatus* (Gray, 1856).  
 1857 *Ozotheca* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 251. – Subsequently designated type species (Lindholm 1929): *Ozotheca odorata* (Latreille, 1801) = *Sternotherus odoratus* (Latreille, 1801).  
 1869 *Omotheca* Gray (ex errore), Proc. Zool. Soc. London, 1869: 180.  
 1884 *Ozhoteca* García Cubas (ex errore), Cuadro geográf. Est. Unid. Mexic.: 179.  
 1892 *Ozotheca* Velasco (ex errore), Geograf. estadist. Republ. Mexicana, 10: 76.  
 1908 *Sternotherus* Brown (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 60: 114.  
 1971 *Sternotheraerus* Wharton & Howard (ex errore), Herpetol. Rev., 3: 73.  
 1986 *Armochelys* Zug (ex errore), Cat. Amer. Amphib. Rept., 397: 1.

***Sternotherus carinatus* (Gray, 1856)**

- 1856 *Aromochelys carinata* Gray, Proc. Zool. Soc. London, 1855: 199. – Restricted type locality (Schmidt 1953): vicinity of New Orleans.
- 1856 *Aromochelys carinatum* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 47.
- 1857 *Ozotheca triquetra* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 260. – Type locality: Lake Concordia, Louisiana.
- 1857 *Goniochelys triquetra* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 420.
- 1867 *Aromochelys carinatus* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1867: 310.
- 1884 *Goniochelys carinata* – Garman, Bull. Essex Inst., 16: 8.
- 1889 *Cinosternum carinatum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.
- 1917 *Kinosternon carinatum* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 111.
- 1923 *Sternotherus carinatus* – Stejneger, Proc. U.S. Nat. Mus., 62: 2.
- 1952 *Sternotherus carinatus carinatus* – Carr, Handbook of Turtles: xv.
- 1958 *Sternotherus carinatus* – Tinkle, Tulane Stud. Zool., 6: 1.
- 1994 *Kinosternon carinatus* – Welch, Turtl., Tort. Terrap., Checkl.: 39.

Distribution: Eastern Oklahoma and Texas to southern Mississippi, U.S.A.

***Sternotherus depressus* Tinkle & Webb, 1955**

- 1955 *Sternotherus depressus* Tinkle & Webb, Tulane Stud. Zool., 3: 53; figs 1–2, 3 (right), 4. – Type locality: Mulberry Fork of the Black Warrior River, 9 miles east of Jasper, Walker Co., Alabama, near the bridge crossing of U.S. Highway 78.
- 1958 *Sternotherus depressus* – Tinkle, Tulane Stud. Zool., 6: 7.
- 1961 *Sternotherus minor depressus* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: v.
- 1989 *Kinosternon depressum* – Iverson, Ernst, Gotte & Lovich, Copeia, 1989: 497.
- 1994 *Kinosternon depressus* – Welch, Turtl., Tort. Terrap., Checkl.: 39.

Distribution: Black Warrior River system, above the Fall line, Alabama, U.S.A.

***Sternotherus minor* (Agassiz, 1857)**

Distribution: Southeastern U.S.A.

***Sternotherus minor minor* (Agassiz, 1857)**

- 1857 *Goniochelys minor* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 424. – Restricted type locality (Schmidt 1953): Columbus, Georgia.
- 1862 *Aromochelys minor* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 39.
- 1923 *Sternotherus minor* – Stejneger, Proc. U.S. Nat. Mus., 62: 2.
- 1952 *Sternotherus carinatus minor* – Carr, Handbook of Turtles: xv.
- 1955 *Sternotherus minor minor* – Tinkle & Webb, Tulane Stud. Zool., 3: 64.
- 1958 *Sternotherus minor minor* – Tinkle, Tulane Stud. Zool., 6: 4.
- 1971 *Sternotherus minor minor* – Wharton & Howard, Herpetol. Rev., 3: 73.
- 1989 *Kinosternon minor* – Iverson, Ernst, Gotte & Lovich, Copeia, 1989: 497.
- 1989 *Kinosternon minor minor* – Ernst & Barbour, Turtles of the World: 75.

Distribution: Central Georgia and southeastern Alabama to central Florida, U.S.A.

***Sternotherus minor peltifer* Smith & Glass, 1947**

- 1947 *Sternotherus peltifer* Smith & Glass, J. Washington Acad. Sci., 37: 22. – Type locality: Bassfield, Jefferson Davis Co., 30 miles west of Hattiesburg, Mississippi.

- 1952 *Sternotherus carinatus peltifer* – Carr, Handbook of Turtles: xv.  
 1955 *Sternotherus minor peltifer* – Tinkle & Webb, Tulane Stud. Zool., 3: 64.  
 1958 *Sternotherus minor peltifer* – Tinkle, Tulane Stud. Zool., 6: 4.  
 1989 *Kinosternon minor peltifer* – Ernst & Barbour, Turtles of the World: 75.

**Distribution:** Eastern Tennessee and southwestern Virginia to eastern Mississippi and Alabama, U.S.A.

### *Sternotherus odoratus* (Latreille, 1801)

- 1801 *Testudo odorata* Latreille in Sonnini & Latreille (nomen conservandum: Opinion 1534, ICZN 1989), Hist. natur. Rept., 1: 122. – Restricted type locality (Schmidt 1953): vicinity of Charleston, South Carolina.  
 1801 *Testudo glutinata* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 194. – Restricted type locality (Schmidt 1953): vicinity of Lancaster, Pennsylvania.  
 1812 *Emys odorata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 313.  
 1820 *Emys glutinata* – Merrem, Tentam. Syst. Amphib.: 24.  
 1820 ? *Terrapene boscii* Merrem, Tentam. Syst. Amphib.: 27. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1820 *Terrapene odorata* – Merrem, Tentam. Syst. Amphib.: 27.  
 1825 *Cistuda odorata* – Say, J. Acad. Natur. Sci. Philadelphia, 4: 206.  
 1825 *Sternotherus odorata* – Gray, Ann. Philos. (New Ser.), 10: 211.  
 1825 ? *Sternotherus boscii* – Bell, Zool. J., 2: 305.  
 1825 *Sternotherus odoratus* – Bell, Zool. J., 2: 305.  
 1828 *Clemmys glutinata* – Ritgen, Nova Acta Acad. caes. leop.-carol., 14: 272.  
 1830 *Kinosternum odoratum* – Bonaparte, Leopoldus Arch., Genoa: 168.  
 1831 *Emys (Kinosternon) odoratum* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 13.  
 1831 *Kinosternon odoratum* – Gray, Synops. Rept., 1 (Cataphracta): 35.  
 1832 *Didicla odorata* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.  
 1835 *Staurotypus odoratus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 358.  
 1835 *Clemmys (Sternotherus) odorata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1854 *Cistudo odorata* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1854 *Kinosternum guttatum* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 185. – Restricted type locality (Schmidt 1953): vicinity of Philadelphia, Pennsylvania.  
 1854 *Sternotherus odoratus* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1856 *Aromochelys odorata* – Gray, Proc. Zool. Soc. London, 1855: 199.  
 1856 *Aromochelys odoratum* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 46.  
 1857 *Cinosternum odoratum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 425.  
 1857 *Emys glutinosa* Agassiz (ex errore pro *Testudo glutinata* Daudin, 1801), Contrib. Natur. Hist. U.S.A., 1: 425.  
 1857 *Ozotheca odorata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 251.  
 1857 *Ozotheca tristycha* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392; 2: plate 5: figs 20–22. – Restricted type locality (Schmidt 1953): San Antonio, Texas.  
 1857 *Cinosternum guttatum* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 425.  
 1857 *Testudo glutinosa* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 425.  
 1862 *Aromochelys guttata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 39.  
 1862 *Aromochelys tristycha* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 39.  
 1884 *Ozotheca odorata* – García Cubas, Cuadro geográf. Est. Unid. Mexic.: 179.  
 1892 *Ozotheca odorata* – Velasco, Geogr. Estadist. Repub. Mexicana, 10: 76.  
 1908 *Sternotherus odoratus* – Brown, Proc. Acad. Natur. Sci. Philadelphia, 60: 114.  
 1974 *Sternotherus oderatus* Dadd (ex errore), Zool. Rec., Rept., 1971: 87.  
 1980 *Clemmys (Sternotherus) odoratus* – Smith & Smith, Synops. Herpetof. Mexico, 6, 1979: 59.  
 1980 *Kinosternon (Sternotherus) odoratus* – Smith & Smith, Synops. Herpetof. Mexico, 6, 1979: 59.  
 1986 *Armochelys odoratum* – Zug, Cat. Amer. Amphib. Rept., 397: 1.  
 2002 *Sternotherus odouratus* Herrel, O'Reilly & Richmond (ex errore), J. Evol. Biol., 15: 1086.

**Distribution:** Southern Ontario and Quebec, Canada, south to Florida and west to central Texas, U.S.A.

## Family **Platysternidae** Gray, 1869

### **Platysternon** Gray, 1831

- 1831 *Platysternon* Gray, Proc. Zool. Soc. London, 1831: 106. – Type species (by monotypy): *Platysternon megacephalum* Gray, 1831 = *Platysternon megacephalum megacephalum* Gray, 1831.  
 1834 *Platisternon* Gray (ex errore), Illustr. Ind. Zool., 2: plate 62.  
 1846 *Platysternum* Agassiz (ex errore), Nomencl. zool., Index: 297.

### *Platysternon megacephalum* Gray, 1831

**Distribution:** From Cambodia and Vietnam west to southern Myanmar; southern mainland China and Hainan Island (Ernst & Laemmerzahl 2002, Emmett et al. 2007).

**Comment:** Subspecies delineation follows Ernst & Laemmerzahl (2002).

### *Platysternon megacephalum megacephalum* Gray, 1831

- 1831 *Platysternon megacephalum* Gray, Proc. Zool. Soc. London, 1831: 107. – Type locality: southern China.  
 1834 *Platisternon megacephalus* – Gray, Illustr. Ind. Zool., 2: plate 62.  
 1835 *Platysternon megacephalus* – Gray, Illustr. Ind. Zool., 2: Directions.  
 1838 *Emys megacephala* – Schlegel, Faun. Japon., Rept.: 49.  
 1843 *Platysternon magacephalum* Fitzinger (ex errore), Syst. Rept., 1: 29.  
 1889 *Platysternum megacephalum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): vii.  
 1959 *Platysternon platycephalum* Mertens (ex errore), Vie Amphib. Rept.: plate 25.  
 1959 *Platysternum megalocephalum* Stanek (ex errore), Drachensippschaft: 12.  
 1960 *Platysternon megacephalum megacephalum* – Wermuth, Zool. Beitr., N.F., 5: 480.  
 1979 *Platysternon magacephalum megacephalum* – Pritchard, Encyclopedia of Turtles: 401.  
 1984 *Platysternon megacephalum tristernalis* Schleich & Gruber, Spixiana, 7: 67; figs 1 (left, top), 2, 3 (left specimen, top and bottom). – Type locality: between Mung Lun [Menglung] and Simao, east shore of Mekong River [Lancang Jiang], southern Yunnan Province, China.  
 1988 *Platysternon megacephalum tristornalis* Alderton (ex errore), Turtles Tort. World: 180.

**Distribution:** Southern mainland China.

### *Platysternon megacephalum peguense* Gray, 1870

- 1870 *Platysternon peguense* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 70. – Type locality: Pegu.  
 1960 *Platysternon megacephalum peguense* – Wermuth, Zool. Beitr., N. F., 5: 481.  
 1969 *Platysternon megacephalum vogeli* Wermuth, DATZ, 22: 372; figs p. 373 (centre, bottom). – Type locality: Chiang Mai Province, northwestern Thailand.  
 1979 *Platysternon megacephalum peguense* Nutaphand (ex errore), Turtles of Thailand: 171.  
 1979 *Platysternon megacephalum penuense* Nutaphand (ex errore), Turtles of Thailand: 172.  
 1998 *Platysternon megacephalum peguensis* Sharma (ex errore), Fauna India, Rept., 1: 67.

**Distribution:** From western Vietnam west to southern Myanmar; Hainan Island, China.

*Platysternon megacephalum shiui* Ernst & McCord, 1987

1987 *Platysternon megacephalum shiui* Ernst & McCord, Proc. Biol. Soc. Washington, 100: 624; fig. 2. – Type locality: Langson (26°50'N 106°45'E), Langson Province, Vietnam.

Distribution: Northern Vietnam.

Family **Testudinidae** Batsch, 1788***Aldabrachelys*** Loveridge & Williams, 1957

- 1843 *Megalochelys* Fitzinger (non *Megalochelys* Falconer & Cautley, 1837 = †Testudinidae), Syst. Rept., 1: 29. – Type species (by original designation): *Testudo* (*Megalochelys*) *gigantea* Schweigger, 1812 = *Aldabrachelys gigantea* (Schweigger, 1812).
- 1957 *Aldabrachelys* Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 166. – Type species (by original designation): *Testudo* (*Aldabrachelys*) *gigantea* Schweigger, 1812 = *Aldabrachelys gigantea* (Schweigger, 1812).
- 1982 *Dipsochelys* Bour, C. R. Hebd. Séanc. Acad. Sci., Sér. III, 295: 117. – Type species (by original designation): *Dipsochelys elephantina* (Duméril & Bibron, 1835) = *Aldabrachelys gigantea* (Schweigger, 1812).
- 1996 *Dipsochelis* Rogner (ex errore), Schildkröten, 2: 11.

Comment: Frazier (2006) reviewed the confusing history of the usage of the generic names *Aldabrachelys* Loveridge & Williams, 1957 and *Dipsochelys* Bour, 1982 to which an additional chapter was added by Bour (2007).

Using molecular genetic data, Austin et al. (2003) and Palkovacs et al. (2003) provided evidence that all non-Madagascan taxa within *Aldabrachelys* represent only a single species.

†*Aldabrachelys abrupta* (Grandidier, 1868)

- 1868 *Testudo abrupta* Milne-Edwards (nomen nudum), C. R. Hebd. Séanc. Acad. Sci., 67: 1167.
- 1868 *Testudo abrupta* Grandidier, Ann. Sci. Nat., Zool., 10: 377. – Type locality: Ambolisatra, Madagascar.
- 1967 *Geochelone abrupta* – Pritchard, Living Turtles of the World: 172.
- 1980 *Asterochelys abrupta* – Bour, Bull. Mus. Nat. Hist. natur., 4e sér., 2, A(2): 544.
- 1982 *Dipsochelys abrupta* – Bour, C. R. Hebd. Séanc. Acad. Sci., Sér. III, 295: 118.
- 2003 *Aldabrachelys abrupta* – Austin, Arnold & Bour, Mol. Ecol., 12: 1415.

Distribution: Western (Andrahomana-Amparihingidro) and central (Ampasambazimba) Madagascar (Gerlach 2004). Extinct approximately 750 ± 370 years before present (Austin et al. 2003).

***Aldabrachelys gigantea*** (Schweigger, 1812)

- 1812 *Testudo gigantea* Schweigger [non *Scapia gigantea* sensu Gray 1872b = *Manouria emys emys* (Schlegel & Müller, 1840)], Königsberg. Arch. Naturwiss. Math., 1: 327. – Designated type locality (by neotype designation; Frazier 2006): Dune Patates, South Island, Aldabra Atoll, Republic of Seychelles.
- 1831 *Testudo dussumieri* Schlegel in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 3.
- 1831 *Testudo dussumieri* Gray, Synops. Rept., 1 (Cataphracta): 9. – Type locality: Aldabra Island.
- 1835 *Testudo daudinii* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 123. – Type locality: Indian Ocean area.

- 1835 *Testudo elephantina* Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 110. – Restricted type locality (Bour 1984a): Malabar Island, Aldabra Atoll, Seychelles.
- 1835 *Geochelone (Chelonoidis) gigantea* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 122.
- 1875 *Testudo hololissa* Günther (nomen nudum), *Nature*, 1875: 296.
- 1877 *Testudo hololissa* Günther, *Gigant. Land-Tort.*: 39; plate 7. – Type locality: Seychelles Islands.
- 1877 *Testudo ponderosa* Günther, *Gigant. Land-Tort.*: 35; plates 6, 8b, 9b, 13c, 18, 24a. – Type locality: unknown.
- 1892 *Testudo sumeirei* Sauzier, *La Nature*, 1892, 39: 396; figs 1–3. – Type locality: central Seychelles.
- 1897 *Testudo gigantea elephantina* – Rothschild, *Novit. Zool.*, 4: 407.
- 1897 *Testudo gigantea gigantea* – Rothschild, *Novit. Zool.*, 4: 407.
- 1906 *Testudo gigantea daudini* Rothschild (ex errore), *Novit. Zool.*, 13: 753.
- 1906 *Testudo gigantea soumeirei* Rothschild (ex errore), *Novit. Zool.*, 13: 753.
- 1906 *Testudo gouffei* Rothschild, *Novit. Zool.*, 13: 753. – Type locality: Thérèse Island, Seychelles Islands.
- 1934 *Testudo daudini* – Mertens, Müller & Rust, *Bl. Aqu.- u. Terr.-Kunde*, 45: 63.
- 1955 *Testudo gigantea daudinii* – Mertens & Wermuth, *Zool. Jb., Syst.*, 83: 330.
- 1957 *Geochelone sumeiri* Loveridge & Williams (ex errore), *Bull. Mus. Comp. Zool.*, 115: 225.
- 1967 *Geochelone elephantina* – Pritchard, *Living Turtles of the World*: 176.
- 1967 *Geochelone gigantea daudinii* – Pritchard, *Living Turtles of the World*: 177.
- 1967 *Geochelone gigantea gigantea* – Pritchard, *Living Turtles of the World*: 270.
- 1967 *Geochelone gouffei* – Pritchard, *Living Turtles of the World*: 177.
- 1967 *Geochelone sumeirei* – Pritchard, *Living Turtles of the World*: 173.
- 1970 *Aldabrachelys gigantea* – Percy, *Biol. Conserv.*, 2: 227.
- 1974 *Geochelone (Aldabrachelys) gigantea gouffei* – Auffenberg, *Bull. Florida Stat. Mus., Biol. Sci.*, 18: 143.
- 1978 *Megalochelys gigantea gigantea* – Obst, *Zool. Abh. Mus. Tierk. Dresden*, 35: 67.
- 1980 *Geochelone gigantea elephantina* – Honegger in Dollinger, *CITES Fauna Flora Ident. Manual*, 3: Code A-301.011.003.009.
- 1982 *Dipsochelys arnoldi* Bour, *C. R. Hebd. Séanc. Acad. Sci., Sér. III*, 295: 118; plate 1: figs 3–6, 8. – Type locality: granitic Seychelles Islands.
- 1982 *Dipsochelys daudinii* – Bour, *C. R. Hebd. Séanc. Acad. Sci., Sér. III*, 295: 118.
- 1982 *Dipsochelys elephantina* – Bour, *C. R. Hebd. Séanc. Acad. Sci., Sér. III*, 295: 118.
- 1982 *Dipsochelys hololissa* – Bour, *C. R. Hebd. Séanc. Acad. Sci., Sér. III*, 295: 118.
- 1982 *Geochelone sumieri* Crumly (ex errore), *J. Herpetol.*, 16: 218.
- 1984 *Dipsochelys sumeirei* – Bour in Stoddart, *Biogeogr. Ecol. Seychelles Isl.*: 288.
- 1985 *Megalochelys gouffei* – Obst, *Welt der Schildkröten*: 44.
- 1985 *Megalochelys sumeirei* – Obst, *Welt der Schildkröten*: 44.
- 1986 *Aldabrachelys elephantina* – Iverson, *Checkl. Distr. Maps Turtl. World*: 142.
- 1988 *Dipsochelys elephantina elephantina* – Bour, *Bull. Soc. Zool. France*, 112: 403.
- 1988 *Dipsochelys elephantina sumeirei* – Bour, *Bull. Soc. Zool. France*, 112: 403.
- 1996 *Dipsochelys dussumieri* – Gerlach & Canning, *Proc. Intern. Congr. Chelon. Conserv., SOPTOM*: 133.
- 1996 *Dipsochelys gigantea* – Gerlach & Canning, *Proc. Intern. Congr. Chelon. Conserv., SOPTOM*: 133.
- 1996 *Dipsochelys resurrecta* Gerlach & Canning (nomen nudum), *Proc. Intern. Congr. Chelon. Conserv., SOPTOM*: 133.
- 1996 *Testudo sumieri* – Gerlach & Canning, *Proc. Intern. Congr. Chelon. Conserv., SOPTOM*: 133.
- 1996 *Dipsochelis elephantina* – Rogner, *Schildkröten*, 2: 11.
- 1998 *Geochelone gigantea* Sharma (ex errore), *Fauna India, Rept.*, 1: 32.
- 1999 *Geochelone daudinii* – Farkas & Sasvári, *Teknősök*: 147.
- 1999 *Geochelone dussumieri* – Farkas & Sasvári, *Teknősök*: 147.
- 1999 *Geochelone hololissa* – Farkas & Sasvári, *Teknősök*: 147.
- 1999 *Testudo arnoldi* – Paull, *Tortoises of the World*, 5: 5.
- 2001 *Aldabrachelys dussumieri* – Orenstein, *Turtl., Tort., Terrap.*: 106.
- 2002 *Dipsochelys resurrecto* Ferri (ex errore), *Turtles & Tortoises*: 93.
- 2003 *Aldabrachelys arnoldi* – Austin, Arnold & Bour, *Mol. Ecol.*, 12: 1415.
- 2003 *Aldabrachelys daudinii* – Austin, Arnold & Bour, *Mol. Ecol.*, 12: 1415.
- 2003 *Aldabrachelys gouffei* – Austin, Arnold & Bour, *Mol. Ecol.*, 12: 1415.
- 2003 *Aldabrachelys hololissa* – Austin, Arnold & Bour, *Mol. Ecol.*, 12: 1415.

- 2003 *Aldabrachelys ponderosa* – Austin, Arnold & Bour, Mol. Ecol., 12: 1415.  
 2003 *Aldabrachelys sumeirei* – Austin, Arnold & Bour, Mol. Ecol., 12: 1418.  
 2003 *Aldabrachelys sumierei* Austin, Arnold & Bour (ex errore), Mol. Ecol., 12: 1415.  
 2004 *Aldabrachelys elephantopus* Claude & Tong (ex errore pro *Testudo elephantina* Duméril & Bibron, 1835), Oryctos, 5: 33.  
 2004 *Dipsochelys dussumieri sumeirei* – Gerlach, Giant Tort. Indian Ocean: 74.  
 2004 *Dipsochelys elephantopus* – Gerlach, Emys, 11 (5): 20.  
 2004 *Dipsochelys sumierei* – Chambers, Shelt. Life, Unexpect. Hist. Giant Tort.: 253.  
 2004 *Testudo elephantina* Chambers (ex errore), Shelt. Life, Unexpect. Hist. Giant Tort.: 139.  
 2006 *Aldabrachelys arnoldii* Le, Raxworthy, McCord & Mertz (ex errore), Mol. Phylogenet. Evol., 40: 520.

Distribution: Aldabra, Granitic Seychelles.

### †*Aldabrachelys grandidieri* (Vaillant, 1885)

- 1868 *Emys gigantea* Grandidier in Milne-Edwards, C. R. Hebd. Séanc. Acad. Sci., 67: 1167. – Type locality: Etséré, Madagascar.  
 1885 *Testudo grandidieri* Vaillant (nomen novum pro *Emys gigantea* Grandidier, 1868), C. R. Hebd. Séanc. Acad. Sci., 100: 876.  
 1915 *Testudo madagascariensis* Rothschild [non *Testudo madagascariensis* Duméril & Bibron, 1835 (nomen nudum) = *Astrochelys radiata* (Shaw, 1802)], Novit. Zool., 22: plate 34: figs 3–4. – Type locality: Ambatomifoka, canton of Manombo, Madagascar.  
 1957 *Geochelone grandidieri* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 224.  
 1980 *Aldabrachelys grandidieri* – Bour, Bull. Mus. Nat. Hist. natur., 4e sér., 2, A(2): 544.  
 1982 *Dipsochelys grandidieri* – Bour, C. R. Hebd. Séanc. Acad. Sci., Sér. III, 295: 118.  
 1985 *Megalochelys grandidieri* – Obst, Welt der Schildkröten: 44.

Distribution: Southwestern Madagascar (Beloha-Ambato; Gerlach 2004). Extinct approximately 1250 ± 50 years before present (Austin et al. 2003).

## ***Astrochelys* Gray, 1873**

- 1873 *Astrochelys* Gray, Hand-List Spec. Shield Rept. Brit. Mus.: 4. – Type species (by monotypy): *Testudo* (*Astrochelys*) *radiata* Shaw, 1802 = *Astrochelys radiata* (Shaw, 1802).  
 1873 *Asterochelys* Gray (ex errore), Proc. Zool. Soc. London, 1873: 724.  
 2006 *Angonoka* Le, Raxworthy, McCord & Mertz, Mol. Phylogenet. Evol., 40: 528. – Type species (by original designation and monotypy): *Angonoka yniphora* (Vaillant, 1885) = *Astrochelys yniphora* (Vaillant, 1885).

### *Astrochelys radiata* (Shaw, 1802)

- 1801 *Testudo coui* Daudin (nomen oblitum), Hist. natur. gén. part. Rept., 2, 1802: 271; plate 26: figs 1–2. – Type locality: unknown.  
 1802 *Testudo radiata* Shaw, Gen. Zool. Syst. Natur. Hist., 3: 22; plate 2; fig. 2. – Restricted type locality (Bour 1979): Soalara (Bay of Saint-Augustin), southwestern Madagascar.  
 1835 *Testudo madagascariensis* Duméril & Bibron [nomen nudum; non *Testudo madagascariensis* Rothschild, 1915 = †*Aldabrachelys grandidieri* (Vaillant, 1885)], Erpétol. gén., Hist. natur. Rept., 2: 83.  
 1857 *Psammobates radiatus* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 360.  
 1869 *Testudo desertorum* Grandidier, Rev. Mag. Zool., (2) 21: 257. – Type locality: Madagascar.  
 1873 *Asterochelys radiata* – Gray, Proc. Zool. Soc. London, 1873: 724.  
 1909 *Testudo [radiata] radiata* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 528.  
 1941 *Testudo hypselonota* Bourret, Ann. Bull. Gén. Instruct. Publ., 1940: 9; plate 1. – Type locality: Cholon, Indochina (based on escaped pet tortoise, Auffenberg 1963, Wermuth 1965).



- 1957 *Geochelone radiata* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 224.  
 1985 *Astrochelys radiata* – Bour, Madagascar Rech. Sci., 18: 58.

**Distribution:** Southwestern and southern Madagascar (southwestern Antandroy Territory along the coast between Amboasary and Morambe); introduced on Mauritius and Réunion.

### *Astrochelys yniphora* (Vaillant, 1885)

- 1885 *Testudo yniphora* Vaillant, C. R. Acad. Sci. Paris, 101: 440. – Designated type locality (Bour 1979): Cap d’Amparafaka (Bay of Baly), northwestern Madagascar.  
 1909 *Testudo radiata yniphora* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 529.  
 1910 *Testudo hyniphora* Vaillant & Grandidier (ex errore), Hist. phys. natur. polit. Madagascar, 17: 40.  
 1957 *Astrochelys yniphora* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 224.  
 1957 *Geochelone yniphora* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 342.  
 1979 *Geochelone ynophora* Arnold (ex errore), Philos. Trans. Royal Soc. London, Ser. B, Biol. Sci., 286: 128.  
 1985 *Astrochelys yniphora* – Bour, Madagascar Rech. Sci., 18: 58.  
 1999 *Testudo (Geochelone) yniphora* Paull (ex errore), Tortoises of the World, 5: 31.  
 2006 *Angonoka yniphora* – Le, Raxworthy, McCord & Mertz, Mol. Phylogenet. Evol., 40: 528.

**Distribution:** Northwestern Madagascar (vicinity of Baly Bay).

**Comment:** Le et al. (2006) placed *Astrochelys yniphora* Vaillant, 1885 into their newly erected, monotypic genus *Angonoka*. This is not followed here as their phylogenetic analyses are contradictory and Fritz & Bininda-Emonds (2007) concluded, when reanalyzing the data of Le et al. (2006), that *A. radiata* and *A. yniphora* should be placed into the genus *Astrochelys* Gray, 1873.

### *Chelonoidis* Fitzinger, 1835

- 1835 *Chelonoidis* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 112. – Subsequently designated type species (Fitzinger 1843): “*Chelonoidis boiei* Fitz.” = *Chelonoidis carbonaria* (Spix, 1824).  
 1857 *Chelonoides* Agassiz (ex errore), Contrib. Natur. Hist. U.S.A., 1: 360.  
 1870 *Gopher* Gray, Proc. Zool. Soc. London, 1870: 706. – Type species (by monotypy): *Testudo (Gopher) chilensis* Gray, 1870 = *Chelonoidis chilensis* (Gray, 1870).  
 1873 *Elephantopus* Gray (non *Elephantopus* Agassiz, 1846 = Siphonophora), Proc. Zool. Soc. London, 1873: 724. – Type species (by monotypy): *Elephantopus planiceps* (Gray, 1854) = unidentified subspecies of *Chelonoidis nigra* (Quoy & Gaimard, 1824) [non *Testudo planiceps* Schneider, 1792 = *Platemys platycephala* (Schneider, 1792)].  
 1929 *Pampatestudo* Lindholm, Zool. Anz., 81: 285. – Type species (by monotypy): *Testudo (Pampatestudo) chilensis* Gray, 1870 = *Chelonoidis chilensis* (Gray, 1870).  
 1930 *Pampestudo* Smith (ex errore), Zool. Rec., Amphib., Rept., 1929: 30.  
 1999 *Cherlonoidis* Wilms in Siebenrock (ex errore), Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [204].  
 2001 *Chelonoids* Gerlach (ex errore), Phelsuma, 9 (Suppl. A): 12.

### *Chelonoidis carbonaria* (Spix, 1824)

- 1824 *Testudo carbonaria* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 22; plate 16. – Type locality: Amazon.  
 1833 *Testudo boiei* Wagler, Descr. Icon. Amphib.: plate 13. – Type locality: unknown.  
 1835 *Geochelone (Chelonoidis) boiei* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.  
 1843 *Chelonoidis boiei* – Fitzinger, Syst. Rept., 1: 29.  
 1926 *Testudo tabulata* var. *carbonaria* – Luederwaldt, Rvta. Mus. Paul., 14: 406.  
 1960 *Geochelone carbonaria* – Williams, Breviora, 120: 10.  
 1978 *Chelonoides carbonaria* – Obst, Zool. Abh. Mus. Tierk. Dresden, 35: 65.  
 1980 *Chelonoidis carbonaria* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 543.

- 1989 *Geochelone carbonaria carbonaria* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 5.  
 1999 *Testudo carbonariai* Paull (ex errore), Tortoises of the World, 6: 29.  
 2003 *Chelonoidis carbonaria carbonaria* – Artner, Emys, 10 (6): xxi.

**Distribution:** Southernmost central America (southeastern Panama), part of northern half of South America (west of the Andes in Chocó of Colombia and east of the Andes in Colombia, Venezuela, and the Guyanas to eastern Brazil, south to Rio de Janeiro, and west to eastern Bolivia, Paraguay, and northern Argentina), Trinidad and some islands of the Lesser Antilles.

### *Chelonoidis chilensis* (Gray, 1870)

- 1870 *Testudo (Gopher) chilensis* Gray, Ann. Mag. Natur. Hist., (4) 6: 190. – Restricted type locality (Boulenger 1889): Mendoza, Argentina.  
 1870 *Testudo argentina* Sclater (nomen novum pro *Testudo chilensis* Gray, 1870), Ann. Mag. Natur. Hist., (4) 6: 471.  
 1957 *Geochelone chilensis* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 235.  
 1973 *Geochelone donosobarrosi* Freiberg, Bol. Soc. Biol. Concepción, 46: 83; plate. – Type locality: San Antonio, Río Negro Province, Argentina.  
 1973 *Geochelone petersi* Freiberg, Bol. Soc. Biol. Concepción, 46: 86; plate. – Type locality: Kishka, La Banda, Santiago del Estero Province, Argentina.  
 1973 *Geochelone potersi* Freiberg (ex errore), Bol. Soc. Biol. Concepción, 46: 91.  
 1979 *Geochelone chilensis chilensis* – Pritchard, Encyclopedia of Turtles: 334.  
 1979 *Geochelone chilensis donosobarrosi* – Pritchard, Encyclopedia of Turtles: 335.  
 1980 *Chelonoidis chilensis* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A, 2: 546.  
 1980 *Chelonoides chilensis* – Obst, Schildkröten: 22.  
 1984 *Geocheloni petersi* – Freiberg, Mundo Tortugas: 30.  
 1985 *Chelonoidis chilensis chilensis* – Obst, Welt der Schildkröten: 218.  
 1985 *Chelonoidis chilensis donosobarrosi* – Obst, Welt der Schildkröten: 218.  
 1985 *Chelonoidis chilensis petersi* – Obst, Welt der Schildkröten: 218.  
 1986 *Chelonoidis donosobarrosi* – Cei, Monogr., Mus. Reg. Sci. Natur. Torino, 4: 148.  
 1986 *Chelonoidis petersi* – Cei, Monogr., Mus. Reg. Sci. Natur. Torino, 4: 148.  
 1988 *Chelonoides donosobarrosi* – Pauler, Herpetofauna, 10 (53): 14.  
 1993 *Geochelone chilensis petersi* – Gosławski & Hryniewicz, Żółwie: 67.

**Distribution:** South-central South America (southwestern Bolivia, western Paraguay, and northwestern Argentina southward to about 40°S in northern Patagonia).

**Comment:** Taxonomy of the *Chelonoidis chilensis* complex is still in flux. Freiberg (1973) described the large-sized *Geochelone donosobarrosi* from the southernmost part of the range of *Ch. chilensis* (Gray, 1870) and the small-sized *G. petersi* from within the northernmost part of the range of *Ch. chilensis*. While Buskirk (1993) failed to differentiate *Ch. chilensis* and *Ch. donosobarrosi* (Freiberg, 1973) morphologically, Cei (1986) treated all three taxa as valid species. Cabrera (1998) and Richard (1999) recognized only two species. Cabrera (1998) used the name *Ch. petersi* (Freiberg, 1973) for northern populations and *Ch. chilensis* for southern populations (with *G. donosobarrosi* Freiberg, 1973 as junior synonym). Richard (1999) used the name *Ch. chilensis* for northern populations (with *G. petersi* as junior synonym) and *Ch. donosobarrosi* for southern populations. Ernst et al. (2000) suggested that the description of *G. petersi* could have been based on small-sized males of *Ch. chilensis*. Considering the well-known phenotypic plasticity of other testudinids (Fritz et al. 2005b, 2006b, 2007), we feel it appropriate to recognize only a monotypic *Ch. chilensis* until a phylogeographic investigation is undertaken to determine geographic variation.

### *Chelonoidis denticulata* (Linnaeus, 1766)

- 1766 *Testudo denticulata* Linnaeus [non *Testudo denticulata* sensu Shaw 1802 = *Kinixys denticulata* sensu Hallowell 1839 = *Kinixys erosa* (Schweigger, 1802)], Syst. Natur., Ed. 12, 1: 352. – Type locality: Virginia (in error).

- 1782 *Testudo tabulata* Walbaum (nomen illegitimum), Chelonogr.: 122. – Type locality: unknown.
- 1792 *Testudo tessellata* Schneider, Schr. Ges. naturforsch. Freunde Berlin, 10: 262. – Type locality: unknown.
- 1793 *Testudo tabulata* Schoepff, Hist. Testud. Icon. illustr.: 56; plate 12: fig. 2, plates 13–14. – Type locality: “South Africa?” (in error).
- 1812 *Testudo terrestris americana* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 445.
- 1812 *Testudo terrestris brasiliensis* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 445.
- 1812 *Testudo terrestris* var. *cayennensis* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 445.
- 1812 *Testudo terrestris surinamensis* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 445.
- 1820 *Chersine denticulata* – Merrem, Tentam. Syst. Amphib.: 32.
- 1820 *Chersine tessellata* – Merrem, Tentam. Syst. Amphib.: 31.
- 1824 *Testudo cagado* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 23; plate 17. – Type locality: vicinity of Bahia.
- 1824 *Testudo hercules* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 20; plate 14. – Type locality: forests along Rio Solimões.
- 1824 *Testudo sculpta* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 21; plate 15. – Type locality: forests along Amazon River.
- 1829 *Chersine tabulata* – Gravenhorst, Delic. Mus. Zool. Vratislav., Rept., 1, Chelon. Batrach.: 19.
- 1831 *Testudo planata* Gmelin in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 9.
- 1833 ? *Testudo foveolata* Schinz (nomen nudum), Naturgesch. Abb. Rept.: 40.
- 1835 *Geochelone (Chelonoidis) tabulata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.
- 1835 *Geochelone (Geochelone) denticulata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.
- 1857 *Chelonoides tabulata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 360.
- 1857 *Chelonoidis tabulata* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 373.
- 1957 *Chelonoidis denticulata* – Fróes, Iheringia Zool., 2: 9.
- 1980 *Chelonoides denticulata* – Obst, Schildkröten: 22.
- 1999 *Geochelone denticulata* Richard (ex errore), Tortug. Reg. árid. Argentina: 197.

Distribution: Northern half of South America east of the Andes; Trinidad Island.

### *Chelonoidis nigra* (Quoy & Gaimard, 1824)

Distribution: Galápagos Islands (Ecuador).

Comment: The tentative nomenclature of Galápagos tortoises presented below follows Pritchard (1996) with exception of the allocation of *Testudo microphyes* Günther, 1875. Pritchard (1996) treats this name as nomen dubium, while otherwise it is generally thought to be based on the tortoise population of Volcán Darwin, Albemarle (Isabela) (e.g. Boulenger 1889, Siebenrock 1909, Van Denburgh 1914, Mertens & Wermuth 1955, Wermuth & Mertens 1961, 1977, Pritchard 1967, 1979, Bour 1980a, Crumly 1984, Iverson 1985, 1992, Obst 1985, Ernst & Barbour 1989, Swingland 1989, David 1994, Caccone et al. 1999, 2002, Ernst et al. 2000, Beheregaray et al. 2004, Russello et al. 2005).

Many other nomenclatural problems are still unresolved, pending applications to the ICZN. In some cases wrong names were applied to particular populations (see the reviews and different opinions in Crumly 1984, Pritchard 1996 and Zug 1997; see also Iverson 1992 and David 1994). Of paramount importance is the open question of whether the species name *elephantopus* or *nigra* should be used for Galápagos tortoises, if the taxonomically distinct populations are considered conspecific (Pritchard 1996, Zug 1997). A further complication is that Bour (in David 1994) designated Cerro Azul, Isabela Island, as type locality of *T. nigra* Quoy & Gaimard, 1824, rendering the widely used name *T. vicina* Günther, 1875 (and not as usually thought *T. galapagoensis* Baur, 1889) a junior synonym of *T. nigra* Quoy & Gaimard, 1824. In consequence, giant tortoises from southern and central Albemarle Island would have to be called *Chelonoidis nigra guentheri* (and not *Ch. n. vicina*).

Doubtful names that cannot be assigned to any subspecies of *Ch. nigra* (Quoy & Gaimard, 1824) are: *Testudo clivosa* Garman, 1917 (Mem. Mus. Comp. Zool., 39: 383; type locality: “Mascarenes?”), *Testudo typica* Garman, 1917 (Mem. Mus. Comp. Zool., 39: 385; type locality: unknown), *Testudo planiceps* Gray, 1854 [non *Testudo planiceps* Schneider, 1792 = *Platemys platycephala* (Schneider, 1792)], Proc. Zool. Soc. London, 1853: 12; type locality: Galápagos Islands).

†*Chelonoidis nigra nigra* (Quoy & Gaimard, 1824)

- 1824 *Testudo nigra* Quoy & Gaimard, Voy. Uran. Phys. Zool.: 174. – Restricted type locality (Pritchard 1996): Charles Island (Santa María or Floreana), Galápagos Islands.
- 1824 *Testudo californiana* Quoy & Gaimard, Bull. Sci. natur. Paris, 1: 90; plate 11. – Type locality: California (in error); erroneously given with “Sandwich Islands” by Wermuth & Mertens (1961, 1977).
- 1889 *Testudo galapagoensis* Baur, Amer. Natural., 23: 1044. – Type locality: Charles Island, Galápagos Islands.
- 1955 *Testudo elephantopus galapagoensis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1967 *Geochelone elephantopus galapagoensis* – Pritchard, Living Turtles of the World: 165.
- 1980 *Chelonoidis galapagoensis* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1985 *Chelonoidis nigra* – Bour, Stud. Geol. Salmant., Stud. Palaeocheloniol., 1, 1984: 64.
- 1985 *Chelonoidis elephantopus galapagoensis* – Obst, Welt der Schildkröten: 49.
- 1986 *Geochelone nigra* – Pritchard, J. Herpetol., 20: 531.
- 1989 *Geochelone (Chelonoidis) nigra galapagoensis* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone nigra nigra* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 43.
- 1994 *Chelonoidis nigra galapagoensis* – David, Dumerilia, 1: 78.
- 1994 *Chelonoidis nigra nigra* – David, Dumerilia, 1: 48.
- 1996 *Geochelone elephantopus nigra* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 124.
- 1998 *Testudo californiana* Paull (ex errore), Tortoises of the World, 3: 10.
- 1999 *Testudo californianana* Paull (ex errore), Tortoises of the World, 6: 32.

**Distribution:** Formerly Charles Island (Santa María or Floreana), Galápagos Islands; extinct since 1850 (Pritchard 1996).

*Chelonoidis nigra abingdonii* (Günther, 1877)

- 1875 *Testudo ephippium* Günther, Philos. Trans. Roy. Soc. London, 165: 271. – Type locality: Charles Island (in error).
- 1877 *Testudo abingdonii* Günther, Gigant. Land-Tort.: 85; plates 40–41, 45d–f, 48a–c, 49d–e, 50f–g. – Type locality: Abingdon Island.
- 1914 *Testudo abingdoni* Van Denburgh (ex errore), Proc. California Acad. Sci., (4) 2: 259.
- 1955 *Testudo elephantopus abingdonii* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Testudo elephantopus ephippium* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1967 *Geochelone abingdonii* – Pritchard, Living Turtles of the World: 176.
- 1967 *Geochelone elephantopus abingdoni* – Pritchard, Living Turtles of the World: 164.
- 1967 *Geochelone elephantopus ephippium* – Pritchard, Living Turtles of the World: 131.
- 1967 *Geochelone ephippium* – Pritchard, Living Turtles of the World: 180.
- 1980 *Chelonoidis abingdonii* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1980 *Chelonoidis ephippium* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1982 *Geochelone elephantopus abingdonii* – Groombridge, IUCN Amphib.-Rept. Red Data Book, 1: 68.
- 1983 *Geochelone abingdoni* – Fritts in Bowman, Beron & Leviton, Patterns of Evolution in Galápagos Organisms: 108.
- 1983 *Geochelone ephippium* Fritts in Bowman, Beron & Leviton (ex errore), Patterns of Evolution in Galápagos Organisms: 108.
- 1984 *Chelonoidis nigra ephippium* – Pritchard, Noticias de Galápagos, 39: 23.
- 1985 *Chelonoidis elephantopus abingdoni* – Obst, Welt der Schildkröten: 48.
- 1985 *Chelonoidis elephantopus ephippium* – Obst, Welt der Schildkröten: 48.
- 1989 *Geochelone (Chelonoidis) nigra abingdonii* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone (Chelonoidis) nigra ephippium* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone nigra abingdoni* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 5.
- 1994 *Chelonoidis nigra abingdonii* – David, Dumerilia, 1: 48.

- 1996 *Chelonoidis elephantopus abingdonii* – Rogner, Schildkröten, 2: 11.  
 1996 *Chelonoidis nigra abingdoni* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 124.  
 1996 *Chelonoidis nigra abdingdonii* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 479.  
 1996 *Geochelone abdingdonii* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 479.  
 1996 *Geochelone nigra abdingdoni* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 479.  
 1999 *Geochelone nigra ephyppium* Caccone, Gibbs, Ketmaier, Suatoni & Powell (ex errore), Proc. Nat. Acad. Sci., 96: 13225.  
 2003 *Chelonoidis nigra ahingdonii* Artner (ex errore), Emys, 10 (6): xxi.  
 2004 *Chelonoidis abingdoni* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 83.

**Distribution:** Formerly Abingdon Island (Pinta), Galápagos Islands; extinct in the wild, one captive survivor (Pritchard 1996).

**Comment:** Many references for the name *ephippium* refer to tortoises from Duncan Island.

### *Chelonoidis nigra becki* (Rothschild, 1901)

- 1901 *Testudo becki* Rothschild, Novit. Zool., 8: 372. – Type locality: Cape Berkeley, northern point of Albemarle Island.  
 1903 *Testudo bedsi* Heller (ex errore), Proc. Washington Acad. Sci., 5: 59.  
 1967 *Geochelone becki* – Pritchard, Living Turtles of the World: 180.  
 1967 *Geochelone elephantopus becki* – Pritchard, Living Turtles of the World: 127.  
 1980 *Chelonoidis becki* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.  
 1985 *Chelonoidis elephantopus becki* – Obst, Welt der Schildkröten: 48.  
 1989 *Geochelone (Chelonoidis) nigra becki* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.  
 1994 *Chelonoidis nigra beckii* David (ex errore), Dumerilia, 1: 48.  
 1996 *Chelonoidis elephantopus beckii* – Rogner, Schildkröten, 2: 11.  
 1996 *Chelonoidis nigra becki* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 481.

**Distribution:** Northern and western slopes of Volcán Wolf, Albemarle Island (Isabela), Galápagos Islands (Pritchard 1996).

### †*Chelonoidis nigra chathamensis* (Van Denburgh, 1907)

- 1902 ? *Testudo wallacei* Rothschild, Novit. Zool., 9: 619. – Type locality: “Chatham Island?”; but designated type locality (Van Denburgh 1914): Jarvis Island.  
 1907 *Testudo chathamensis* Van Denburgh, Proc. California Acad. Sci., (4) 1: 4. – Type locality: Chatham Island.  
 1955 *Testudo elephantopus chathamensis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1955 ? *Testudo elephantopus wallacei* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1956 *Testudo chatamensis* Slevin & Leviton (ex errore), Proc. California Acad. Sci., (4) 28: 550.  
 1967 *Geochelone chathamensis* – Pritchard, Living Turtles of the World: 180.  
 1967 *Geochelone elephantopus chathamensis* – Pritchard, Living Turtles of the World: 130.  
 1967 ? *Geochelone elephantopus wallacei* – Pritchard, Living Turtles of the World: 164.  
 1967 ? *Geochelone wallacei* – Pritchard, Living Turtles of the World: 180.  
 1980 *Chelonoidis chathamensis* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.  
 1985 *Chelonoidis elephantopus chathamensis* – Obst, Welt der Schildkröten: 49.  
 1985 ? *Chelonoidis elephantopus wallacei* – Obst, Welt der Schildkröten: 48.  
 1989 *Geochelone (Chelonoidis) nigra chathamensis* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.  
 1993 *Chelonoidis elephantopus chatamensis* – Goławski & Hryniewicz, Żółwie: 68.

- 1994 *Chelonoidis nigra chathamensis* – David, Dumerilia, 1: 48.  
 1996 ? *Chelonoidis nigra wallacei* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 124.  
 1996 *Geochelone cathamensis* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 479.  
 1996 *Geochelone elephantopus chatamensis* – Paull, Tortoises of the World, 1: 54.  
 1998 *Testudo chathamensis chathamensis* – Pritchard in Van Denburgh, Proc. California Acad. Sci., (4) 2 (Reprint 1998): xii.  
 1999 ? *Chelonoidis nigra wallacei* – Wilms in Siebenrock, Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [204].  
 1999 *Geochelone nigra chatamensis* – Caccone, Gibbs, Ketmaier, Suatoni & Powell, Proc. Nat. Acad. Sci., 96: 13225.  
 2004 ? *Geochelone nigra wallacei* – Chambers, Shelt. Life, Unexpect. Hist. Giant Tort.: 259.

**Distribution:** Chatham Island (San Cristobál), Galápagos Islands; extinct since 1933. Tortoises on Jervis Island (Rábida) are thought to be introduced (Pritchard 1996).

### *Chelonoidis nigra darwini* (Van Denburgh, 1907)

- 1902 ? *Testudo wallacei* Rothschild, Novit. Zool., 9: 619. – Type locality: “Chatham Island?”; but designated type locality (Van Denburgh 1914): Jervis Island.  
 1907 *Testudo darwini* Van Denburgh, Proc. California Acad. Sci., (4) 1: 4. – Type locality: James Island.  
 1955 *Testudo elephantopus darwini* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1955 ? *Testudo elephantopus wallacei* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1967 *Geochelone darwini* – Pritchard, Living Turtles of the World: 180.  
 1967 *Geochelone elephantopus darwini* – Pritchard, Living Turtles of the World: 269.  
 1967 ? *Geochelone elephantopus wallacei* – Pritchard, Living Turtles of the World: 164.  
 1967 ? *Geochelone wallacei* – Pritchard, Living Turtles of the World: 180.  
 1980 *Chelonoidis darwini* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.  
 1985 *Chelonoidis elephantopus darwini* – Obst, Welt der Schildkröten: 48.  
 1985 ? *Chelonoidis elephantopus wallacei* – Obst, Welt der Schildkröten: 48.  
 1989 *Geochelone (Chelonoidis) nigra darwini* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.  
 1994 *Chelonoidis nigra darwinii* David (ex errore), Dumerilia, 1: 48.  
 1996 *Chelonoidis elephantopus darwinii* – Rogner, Schildkröten, 2: 11.  
 1996 *Chelonoidis nigra darwini* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 124.  
 1996 ? *Chelonoidis nigra wallacei* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 124.  
 1999 ? *Chelonoidis nigra wallacei* – Wilms in Siebenrock, Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [204].  
 2002 *Geochelone nigra darwinii* – Ferri, Turtles & Tortoises: 228.  
 2004 ? *Geochelone nigra wallacei* – Chambers, Shelt. Life, Unexpect. Hist. Giant Tort.: 259.

**Distribution:** James Island (San Salvador or Santiago), Galápagos Islands; tortoises on Jervis Island (Rábida) are thought to be introduced (Pritchard 1996).

### *Chelonoidis nigra duncanensis* (Garman, 1996)

- 1917 *Testudo duncanensis* Garman (nomen nudum), Mem. Mus. Comp. Zool., 30: 269.  
 1989 *Geochelone nigra duncanensis* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 5.  
 1996 *Geochelone nigra duncanensis* Garman in Pritchard, Chelon. Res. Monogr., 1: 50. – Type locality: Duncan Island (Pinzón).  
 2003 *Chelonoidis nigra duncanensis* – Artner, Emys, 10 (6): xxii.  
 2004 *Chelonoidis duncanensis* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 83.

**Distribution:** Duncan Island (Pinzón), Galápagos Islands (Pritchard 1996).

**Comment:** The Duncan Island subspecies is often referred to under the name *Geochelone* or *Chelonoidis nigra ephippium* (Günther, 1875).

*Chelonoidis nigra hoodensis* (Van Denburgh, 1907)

- 1907 *Testudo hoodensis* Van Denburgh, Proc. California Acad. Sci., (4) 1: 3. – Type locality: Hood Island.  
 1955 *Testudo elephantopus hoodensis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1967 *Geochelone elephantopus hoodensis* – Pritchard, Living Turtles of the World: 269.  
 1967 *Geochelone hoodensis* – Pritchard, Living Turtles of the World: 180.  
 1980 *Chelonoidis hoodensis* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.  
 1985 *Chelonoidis elephantopus hoodensis* – Obst, Welt der Schildkröten: 49.  
 1989 *Geochelone (Chelonoidis) nigra hoodensis* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.  
 1994 *Chelonoidis nigra hoodensis* – David, Dumerilia, 1: 48.

Distribution: Hood Island (Española), Galápagos Islands (Pritchard 1996).

*Chelonoidis nigra phantastica* (Van Denburgh, 1907)

- 1907 *Testudo phantasticus* Van Denburgh, Proc. California Acad. Sci., (4) 1: 4. – Type locality: Narborough Island.  
 1909 *Testudo phantastica* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 535.  
 1955 *Testudo elephantopus phantastica* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1967 *Geochelone elephantopus phantastica* – Pritchard, Living Turtles of the World: 161.  
 1967 *Geochelone phantastica* – Pritchard, Living Turtles of the World: 180.  
 1980 *Chelonoidis phantastica* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.  
 1984 *Geochelone phantasticus* – Crumly, Proc. California Acad. Sci., 43: 112.  
 1985 *Chelonoidis elephantopus phantastica* – Obst, Welt der Schildkröten: 48.  
 1989 *Geochelone (Chelonoidis) nigra phantastica* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.  
 1994 *Chelonoidis nigra phantastica* – David, Dumerilia, 1: 78.

Distribution: Narborough Island (Fernandina), Galápagos Islands; perhaps extinct (Pritchard 1996).

*Chelonoidis nigra porteri* (Rothschild, 1903)

- 1835 ? *Testudo nigrita* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 80. – Designated type locality (Mertens & Wermuth 1955): Indefatigable Island.  
 1903 *Testudo porteri* Rothschild, Novit. Zool., 10: 119. – Type locality: Indefatigable Island.  
 1955 *Testudo elephantopus nigrita* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1967 *Geochelone elephantopus porteri* – Pritchard, Living Turtles of the World: 131.  
 1967 *Geochelone nigrita* – Pritchard, Living Turtles of the World: 176.  
 1980 *Chelonoidis nigrita* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.  
 1980 *Geochelone elephantopus nigrita* – Honegger in Dollinger, CITES Fauna Flora Ident. Manual, 3: Code A-301.011.003.005.  
 1983 *Geochelone porteri* – Fritts in Bowman, Beron & Leviton, Patterns of Evolution in Galápagos Organisms: 108.  
 1985 *Chelonoidis elephantopus nigrita* – Obst, Welt der Schildkröten: 48.  
 1989 *Geochelone (Chelonoidis) nigra nigrita* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.  
 1989 *Geochelone nigra porteri* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 5.  
 1993 *Chelonoidis elephantopus porteri* – Gosławski & Hryniewicz, Żółwie: 68.  
 1994 *Chelonoidis nigra nigrita* – David, Dumerilia, 1: 49.  
 1995 *Geochelone nigra porteri* Müller & Schmidt (ex errore), Landschildkröten: 101.  
 1996 *Chelonoidis nigra porteri* – Bonin, Devaux & Dupré, Toutes Tortues Monde: 124.

Distribution: Southern Indefatigable Island (Santa Cruz), Galápagos Island (Pritchard 1996).

**Comment:** For this subspecies the name *nigrita* is often used. Russello et al. (2005) demonstrated that a cryptic second taxon exists on Indefatigable.

*Chelonoidis nigra vicina* (Günther, 1875)

- 1827 ? *Testudo elephantopus* Harlan, J. Acad. Natur. Sci. Philadelphia, 5: 284; plate 11. – Designated type locality (Pritchard 1967): southwest part of Albemarle Island.
- 1875 *Testudo microphyes* Günther, Philos. Trans. Roy. Soc. London, 165: 275. – Designated type locality (Günther 1877): Tagus Cove, northern Albemarle Island.
- 1875 *Testudo vicina* Günther, Philos. Trans. Roy. Soc. London, 165: 277. – Type locality: Iguana Cove, south of Albemarle Island.
- 1889 *Testudo guentheri* Baur [non *Testudo guentheri* Gadow, 1894 = †*Cylindraspis triserrata* (Günther, 1873)], Amer. Natural., 23: 1044. – Type locality: Villamiel, southwest of Albemarle Island.
- 1917 *Testudo macrophyes* Garman, Mem. Mus. Comp. Zool., 30: 273; plates 3–5. – Type locality: Tagus Cove, northwest of Albemarle Island.
- 1930 *Testudo vandenburghi* de Sola, Copeia, 1930: 79. – Type locality: central Albemarle Island, approximately 40 miles from Villamiel Settlement.
- 1955 *Testudo elephantopus elephantopus* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1960 *Geochelone elephantopus* – Williams, Breviora, 120: 10.
- 1967 *Geochelone elephantopus elephantopus* – Pritchard, Living Turtles of the World: 126.
- 1967 *Geochelone elephantopus guentheri* – Pritchard, Living Turtles of the World: 161.
- 1967 *Geochelone elephantopus guntheri* Pritchard (ex errore), Living Turtles of the World: 269.
- 1967 *Geochelone elephantopus microphyes* – Pritchard, Living Turtles of the World: 160.
- 1967 *Geochelone elephantopus vandenburghi* Pritchard (ex errore), Living Turtles of the World: 161.
- 1967 *Geochelone guntheri* – Pritchard, Living Turtles of the World: 176.
- 1967 *Geochelone microphyes* – Pritchard, Living Turtles of the World: 176.
- 1967 *Geochelone vandenburghi* – Pritchard, Living Turtles of the World: 180.
- 1967 *Geochelone vicina* – Pritchard, Living Turtles of the World: 176.
- 1979 *Geochelone elephantopus microphys* Arnold (ex errore), Philos. Trans. Royal Soc. London, Ser. B, Biol. Sci., 286: 142.
- 1979 *Geochelone elephantopus vandenburghi* – Pritchard, Encyclopedia of Turtles: 336.
- 1980 *Chelonoides elephantopus* – Obst, Schildkröten: 37.
- 1980 *Chelonoidis elephantopus* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1980 *Chelonoidis guentheri* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1980 *Chelonoidis microphyes* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1980 *Chelonoidis vandenburghi* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 546.
- 1983 *Geochelone guentheri* – Fritts in Bowman, Beron & Leviton, Patterns of Evolution in Galápagos Organisms: 108.
- 1985 *Chelonoidis elephantopus elephantopus* – Obst, Welt der Schildkröten: 48.
- 1985 *Chelonoidis elephantopus guentheri* – Obst, Welt der Schildkröten: 48.
- 1985 *Chelonoidis elephantopus microphyes* – Obst, Welt der Schildkröten: 48.
- 1985 *Chelonoidis elephantopus vandenburghi* – Obst, Welt der Schildkröten: 48.
- 1989 *Geochelone (Chelonoidis) nigra guntheri* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone (Chelonoidis) nigra microphyes* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone (Chelonoidis) nigra vandenburghi* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone (Chelonoidis) nigra vicina* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 77.
- 1989 *Geochelone elephantopus vicina* – Swingland in Swingland & Klemens, Conserv. Biol. Tort.: 25.
- 1989 *Geochelone elephantopus vicini* Swingland in Swingland & Klemens (ex errore), Conserv. Biol. Tort.: 25.
- 1993 *Chelonoidis elephantopus guntheri* – Gośławski & Hryniewicz, Żółwie: 68.
- 1994 *Chelonoidis nigra guentheri* – David, Dumerilia, 1: 48.



- 1994 *Chelonoidis nigra microphyes* – David, Dumerilia, 1: 49.  
 1994 *Chelonoidis nigra vandenburghi* – David, Dumerilia, 1: 49.  
 1995 *Geochelone nigra elephantopus* – Müller & Schmidt, Landschildkröten: 101.  
 1996 *Chelonoidis elephantopus vicina* – Rogner, Schildkröten, 2: 11.  
 1996 *Geochelone elephantopus vandenburghii* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 480.  
 1996 *Geochelone vandenburghii* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 481.  
 1996 *Chelonoidis nigra microphyies* Bonin, Devaux & Dupré (ex errore), Toutes Tortues Monde: 124.  
 1996 *Geochelone elephantopus microphytes* Paull (ex errore), Tortoises of the World, 1: 57.  
 1996 *Geochelone elephantopus vanderbergi* Paull (ex errore), Tortoises of the World, 1: 57.  
 1999 *Testudo elephantopus guntheri* – Paull, Tortoises of the World, 6: 53.  
 2003 *Chelonoidis nigra vicina* – Artner, Emys, 10 (6): xxii.  
 2004 *Chelonoidis vicina* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 83.  
 2004 *Geochelone nigra guentheri* – Chambers, Shelt. Life, Unexpect. Hist. Giant Tort.: 260.

**Distribution:** Southern and central Albemarle Island (Isabela), Galápagos Islands, from Iguana Cove, Cerro Azul, to Sierra Negra, Volcán Alcedo, and to Tagus Cove, Volcán Darwin (Pritchard 1996).

**Comment:** Giant tortoises from Volcán Alcedo (central Albemarle) and Volcán Darwin (northern Albemarle) are often treated as distinct subspecies (*vandenburghi* and *microphyes*, respectively). For tortoises from southwestern Albemarle the name *elephantopus* is often used.

## ***Chersina* Gray, 1831**

- 1831 *Chersina* Gray in Griffith & Pidgeon (non *Chersina* Humphrey, 1797 = nomen illegitimum: Direction 32, ICZN 1956; Gastropoda), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 5. – Type species (by monotypy): *Chersina angulata* (Schweigger, 1812).  
 1929 *Goniochersus* Lindholm, Zool. Anz., 81: 285. – Type species (by monotypy): *Testudo (Goniochersus) angulata* Schweigger, 1812 = *Chersina angulata* (Schweigger, 1812).  
 1931 *Neotestudo* Hewitt, Ann. Natal Mus., 6: 504. – Type species (by monotypy): *Neotestudo angulata* (Schweigger, 1812) = *Chersina angulata* (Schweigger, 1812).  
 1955 *Goniocherus* Mertens & Wermuth (ex errore), Zool. Jb., Syst., 83: 370.  
 1961 *Noetestudo* Battersby (ex errore), Zool. Rec., Rept., 1958: 91.

### ***Chersina angulata* (Schweigger, 1812)**

- 1812 *Testudo angulata* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 321. – Type locality: unknown.  
 1812 *Testudo tabulata* var. *africana* Schweigger [non *Testudo africana* Hermann, 1804 = *Homopus areolatus* (Thunberg, 1787); non *Testudo tabulata* var. *africana* sensu Duméril & Bibron 1835 = *Geochelone africana* sensu Pritchard 1967 = †*Cylindraspis indica* (Schneider, 1783)], Königsberg. Arch. Naturwiss. Math., 1: 322. – Type locality: Africa.  
 1828 *Testudo bellii* Gray, Spicileg. zool., 1: 2; plate 4: figs 3, 3a. – Type locality: Cape of Good Hope.  
 1831 *Chersina angulata* – Gray, Synops. Rept., 1 (Cataphracta): 15.  
 1931 *Neotestudo angulata* – Hewitt, Ann. Natal Mus., 6: 504.  
 1934 *Goniochersus angulatus* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 63.  
 1937 *Chersine angulata* – Hewitt, South Afr. J. Sci., 33: 789.  
 1955 *Goniocherus angulatus* – Mertens & Wermuth, Zool. Jb., Syst., 83: 370.

**Distribution:** Coastal regions of the Cape Provinces, South Africa; Namibian records are questionable.

†*Cylindraspis* Fitzinger, 1835

- 1815 *Chelonura* Rafinesque (nomen nudum), *Analyse de la Nature*: 74.  
 1832 *Chelonura* Rafinesque (nomen oblitum; non *Chelonura* Fleming, 1822 = *Chelydra* Schweigger, 1812), *Atlant. J. Friend Knowl.*, 1: 64. – Type species (by original designation): *Chelonura indica* (Schneider, 1783) = †*Cylindraspis indica* (Schneider, 1783).  
 1835 *Cylindraspis* Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 112. – Subsequently designated type species (Fitzinger 1843): †*Cylindraspis vosmaeri* (Suckow, 1798).  
 1857 *Cylindrapis* Agassiz (ex errore), *Contrib. Natur. Hist. U.S.A.*, 1: 360.

†*Cylindraspis indica* (Schneider, 1783)

- 1783 *Testudo indica* Schneider, *Allgem. Naturgesch. Schildkr.*: 355. – Designated type locality (Austin & Arnold 2001): Réunion.  
 1820 *Chersine retusa* Merrem (nomen novum pro *Testudo indica* Schneider, 1783), *Tent. Syst. Amphib.*: 29.  
 1831 *Testudo retusa* – Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 3.  
 1832 *Chelonura indica* – Rafinesque, *Atlant. J. Friend Knowl.*, 1: 64.  
 1835 *Testudo graii* Duméril & Bibron [nomen novum pro *Testudo tabulata* var. *africana* sensu Duméril & Bibron 1835; non *Testudo tabulata* var. *africana* Schweigger, 1812 = *Chersina angulata* (Schweigger, 1812)], *Erpétol. gén., Hist. natur. Rept.*, 2: 135.  
 1835 *Testudo perraultii* Duméril & Bibron (nomen novum pro *Testudo indica* Schneider, 1783), *Erpétol. gén., Hist. natur. Rept.*, 2: 126.  
 1835 *Geochelone (Cylindraspis) perraultii* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 122.  
 1857 *Cylindrapis indica* – Agassiz, *Contrib. Natur. Hist. U.S.A.*, 1: 360.  
 1857 *Megalochelys indica* – Agassiz, *Contrib. Natur. Hist. U.S.A.*, 1: 449a.  
 1865 *Chersina grayi* Strauch (nomen novum pro *Testudo graii* Duméril & Bibron, 1835), *Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13)*: 26.  
 1967 *Geochelone graii* – Pritchard, *Living Turtles of the World*: 181.  
 1967 *Geochelone indica* – Pritchard, *Living Turtles of the World*: 181.  
 1974 *Geochelone grayi* – Auffenberg, *Bull. Florida Stat. Mus., Biol. Sci.*, 18: 151.  
 1974 *Testudo indica perraultii* – Auffenberg, *Bull. Florida State Mus., Biol. Sci.*, 18: 151.  
 1978 *Cylindraspis borbonica* Bour, *C. R. Hebd. Séanc. Acad. Sci., D*, 287: 491; plate 1. – Type locality: Réunion.  
 1978 *Cylindraspis graii* – Bour, *C. R. Hebd. Séanc. Acad. Sci., D*, 287: 491.  
 1978 *Cylindraspis indica* – Bour, *C. R. Hebd. Séanc. Acad. Sci., D*, 287: 491.  
 2001 *Cylindraspis bourbonica* Gerlach (ex errore), *Phelsuma*, 9 (Suppl. A): 12.

Distribution: Réunion (Gerlach 2004). Extinct since approximately 1840 (Bour 1985a).

†*Cylindraspis inepta* (Günther, 1873)

- 1831 *Testudo neraudii* Gray (nomen oblitum), *Synops. Rept.*, 1 (Cataphracta): 14. – Type locality: District of Flacq, Mauritius.  
 1873 *Testudo inepta* Günther, *Ann. Mag. Natur. Hist.*, 4 (11): 397. – Type locality: Mare aux Songes, Mauritius.  
 1875 *Testudo boutonii* Günther, *Nature*, 1875: 297. – Type locality: Mare aux Songes, Mauritius.  
 1894 *Testudo sauzieri* Gadow, *Trans. Linn. Soc. London, Zool.*, 8: 315; plate 42: figs 1–4. – Type locality: Mare aux Songes, Mauritius.  
 1967 *Geochelone inepta* – Pritchard, *Living Turtles of the World*: 181.  
 1967 *Geochelone sauzieri* – Pritchard, *Living Turtles of the World*: 181.  
 1981 *Cylindraspis inepta* – Bour, *Bull. Soc. Linn. Lyon*, 50: 138.

Distribution: Mauritius and Île aux Aigrettes (Gerlach 2004). Extinct since approximately 1735 (Bour 1980b).

†*Cylindraspis peltastes* (Duméril & Bibron, 1835)

- 1801 ? *Testudo rotunda* Latreille in Sonnini & Latreille, Hist. natur. Rept., 1: 107. – Type locality: unknown.
- 1820 ? *Chersine rotunda* – Merrem, Tentam. Syst. Amphib.: 32.
- 1835 *Testudo peltastes* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 138. – Designated type locality (Günther 1877): Rodrigues.
- 1835 ? *Geochelone (Geochelone) rotunda* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.
- 1967 *Geochelone peltastes* – Pritchard, Living Turtles of the World: 181.
- 1980 *Cylindraspis peltastes* – Bour, Bull. Mus. Nat. Hist. natur., 4e sér., 2, A(3): 544.

Distribution: Rodrigues (Gerlach 2004). Extinct since approximately 1795 (Bour 1985a).

†*Cylindraspis triserrata* (Günther, 1873)

- 1831 *Testudo schweigeri* Gray in Griffith & Pidgeon (nomen oblitum; non *Testudo schweigeri* Fitzinger, 1826 = nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 3. – Type locality: unknown.
- 1835 *Testudo schweigeri* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 108.
- 1873 *Testudo triserrata* Günther, Ann. Mag. Natur. Hist., 4 (11): 397. – Type locality: Mare aux Songes, Mauritius.
- 1875 *Testudo leptocnemis* Günther, Nature, 1875: 297. – Type locality: District of Flacq, Mauritius.
- 1891 *Testudo microtypanum* Boulenger, Proc. Zool. Soc. London, 1891: 4; figs 1–3. – Type locality: probably Mauritius or neighbouring island.
- 1894 *Testudo guentheri* Gadow [non *Testudo guentheri* Baur, 1889 = *Chelonoidis nigra vicina* (Günther, 1875)], Trans. Linn. Soc. London, Zool., 8: 320. – Type locality: Mare aux Songes, Mauritius.
- 1914 *Testudo gadowi* Van Denburgh (nomen novum pro *Testudo guentheri* Gadow, 1894), Proc. California Acad. Sci., (4) 2: 257.
- 1967 *Geochelone (Cylindraspis) gadowi* – Pritchard, Living Turtles of the World: 148.
- 1967 *Geochelone leptocnemis* – Pritchard, Living Turtles of the World: 181.
- 1967 *Geochelone microtypanum* – Pritchard, Living Turtles of the World: 181.
- 1967 *Geochelone triserrata* – Pritchard, Living Turtles of the World: 181.
- 1985 *Cylindraspis triserrata* – Bour, Stud. Geol. Salmant., Stud. Palaeocheloniol., 1, 1984: 39.
- 1999 *Cylindraspis leptocnemis* – Wilms in Siebenrock, Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [203].

Distribution: Mauritius (Gerlach 2004). Extinct since approximately 1735 (Bour 1980b).

†*Cylindraspis vosmaeri* (Suckow, 1798)

- 1798 *Testudo indica vosmaeri* Suckow, Anfangsgr. Naturgesch. Thiere, 3: 57. – Designated type locality (Günther 1877): Rodrigues.
- 1801 ? *Testudo rotunda* Latreille in Sonnini & Latreille, Hist. natur. Rept., 1: 107. – Type locality: unknown.
- 1820 ? *Chersine rotunda* – Merrem, Tentam. Syst. Amphib.: 32.
- 1826 *Testudo vosmaeri* – Fitzinger, Neue Classif. Rept.: 44.
- 1835 *Geochelone (Cylindraspis) vosmaeri* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.
- 1835 ? *Geochelone (Geochelone) rotunda* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.
- 1843 *Cylindraspis vosmaeri* – Fitzinger, Syst. Rept., 1: 29.
- 1873 *Testudo rodericensis* Günther, Ann. Mag. Natur. Hist., 4 (11): 397. – Type locality: Rodrigues.
- 1898 *Testudo commersoni* Vaillant, Bull. Mus. Hist. natur., 4: 139; figs 1–4. – Type locality: Rodrigues.
- 1909 *Testudo commersonii* Siebenrock (ex errore), Zool. Jb., Syst., Suppl. 10: 537.
- 1967 *Geochelone commersoni* – Pritchard, Living Turtles of the World: 181.
- 1999 *Cylindraspis commersonii* – Wilms in Siebenrock, Zool. Jb., Syst., Suppl. 10 (Reprint 1999): [202].

Distribution: Rodrigues (Gerlach 2004). Extinct since approximately 1795 (Bour 1985a).

***Geochelone* Fitzinger, 1835**

- 1835 *Geochelone* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 112. – Subsequently designated type species (Fitzinger 1843): “*Geochelone stellata* Fitz.” = *Geochelone elegans* (Schoepff, 1795).  
 1872 *Centrochelys* Gray, Append. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 5. – Type species (by monotypy): *Peltastes (Centrochelys) sulcatus* (Miller, 1779) = *Geochelone sulcata* (Miller, 1779).  
 1967 *Geochelome* Auffenberg (ex errore), Herpetologica, 23: 34.  
 1984 *Geocheloni* Freiberg (ex errore), Mundo Tortugas: 30.

***Geochelone elegans* (Schoepff, 1795)**

- 1795 *Testudo elegans* Schoepff, Hist. Testud. Icon. illustr.: 111; plate 25. – Type locality: eastern India.  
 1812 *Testudo stellata* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 325. – Type locality: India.  
 1820 *Chersine elegans* – Merrem, Tentam. Syst. Amphib.: 33.  
 1828 *Testudo actinoides* Bell, Zool. J., 3: 419; plate 23. – Type locality: Africa (in error).  
 1831 *Testudo actinodes* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 4.  
 1835 *Geochelone (Geochelone) stellata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.  
 1853 *Testudo megalopus* Blyth, J. Asiat. Soc. Bengal, 22: 640. – Designated type locality (Das et al. 1998): Calcutta.  
 1870 *Peltastes stellatus* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 8.  
 1872 *Peltastes stellatus* var. *actinoides* – Gray in Sowerby & Lear, Tort., Terrap., Turtl.: 3.  
 1957 *Geochelone elegans* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 226.  
 1985 *Geochelone elegans elegans* – Obst, Welt der Schildkröten: 218.  
 1998 *Geochelone elagans* Sharma (ex errore), Fauna India, Rept., 1: 112.

**Distribution:** Pakistan, peninsular India from Orissa in the east and Sind and Kutch in the west southward to the tip; Sri Lanka.

***Geochelone platynota* (Blyth, 1863)**

- 1863 *Testudo platynota* Blyth, J. Asiat. Soc. Bengal, 32: 83. – Restricted type locality (Smith 1931): Ayeyarwady (Irrawaddy) Valley.  
 1870 *Peltastes platynotus* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 8.  
 1941 *Testudo platynota* Bourret (ex errore), Tortues de l’Indochine: plate 30.  
 1941 *Testudo platynotus* – Bourret, Tortues de l’Indochine: 17.  
 1957 *Geochelone platynota* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 226.  
 1985 *Geochelone elegans platynota* – Obst, Welt der Schildkröten: 218.  
 1997 *Geochelone platynotata* Paull (ex errore), Tortoises of the World, 2: 16.

**Distribution:** Central Myanmar.

***Geochelone sulcata* (Miller, 1779)**

- 1779 *Testudo sulcata* Miller, Icon. Anim. Plant.: plate 26. – Type locality: West Indies (in error).  
 1784 *Testudo calcarata* Schneider (nomen novum pro *Testudo sulcata* Miller, 1779), Samml. vermisch. Abh. Zool.: 317.  
 1820 *Chersine calcarata* – Merrem, Tentam. Syst. Amphib.: 32.  
 1831 *Testudo radiata* var. *senegalensis* Gray, Synops. Rept., 1 (Cataphracta): 11. – Type locality: Senegal.  
 1835 *Geochelone (Geochelone) sulcata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.  
 1855 *Geochelone senegalensis* – Fitzinger, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., 17: 251.  
 1869 *Peltastes sulcatus* – Gray, Proc. Zool. Soc. London, 1869: 173.

- 1873 *Centrochelys sulcatus* – Gray, Proc. Zool. Soc. London, 1873: 725.  
 2001 *Centrochelys sulcata* – Gerlach, Phelsuma, 9 (Suppl. A): 11.  
 2006 *Geochelone sulcata senegalensis* – Ballasina, Vandepitte, Mochi & Fenwick, Chelonii, 4: 111.  
 2006 *Geochelone sulcata sudanensis* Ballasina, Vandepitte, Mochi & Fenwick (nomen nudum), Chelonii, 4: 111.

**Distribution:** From Ethiopia and Sudan westward through the dry regions of Chad, Niger, and Mali to southern Mauritania and Senegal.

## **Gopherus** Rafinesque, 1832

- 1815 *Gopherus* Rafinesque (nomen nudum), Analyse de la Nature: 74.  
 1832 *Gopherus* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Gopherus polyphemus* (Daudin, 1801).  
 1857 *Xerobates* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 252. – Subsequently designated type species (Brown 1908): *Xerobates berlandieri* Agassiz, 1857 = *Gopherus berlandieri* (Agassiz, 1857).  
 1887 *Herobates* Baur (ex errore), Zool. Anz., 10: 100.  
 1937 *Bysmachelys* Johnston, J. Geol., 45: 439. – Type species (by monotypy): †*Bysmachelys canyonensis* Johnston, 1937 = †*Gopherus canyonensis* (Johnston, 1937).  
 1982 *Scaptochelys* Bramble, Copeia, 1982: 852. – Type species (by original designation): *Scaptochelys agassizii* (Cooper, 1863) = *Gopherus agassizii* (Cooper, 1863).

### ***Gopherus agassizii*** (Cooper, 1863)

- 1863 *Xerobates agassizii* Cooper, Proc. California Acad. Sci., 2: 120. – Type locality: mountains of California, near Fort Mojave.  
 1875 *Testudo agassizii* – Cope, Bull. U.S. Nat. Mus., 1: 54.  
 1884 *Xerobates agassizi* Garman (ex errore), Bull. Essex Inst., 16: 10.  
 1893 *Gopherus agassizii* – Stejneger, Rept. Batr. Death Valley Exped., North Amer. Fauna, 7: 161.  
 1907 *Testudo agassizi* Ditmars (ex errore), Reptile Book: 66.  
 1907 *Testudo agassizi* – Ditmars, Reptile Book: xxiv.  
 1927 *Gopherus agassizi* – Tanner, Copeia, 1927: 58.  
 1927 *Testudo agassizi* Kallert (ex errore), Bl. Aqu.- u. Terr.-Kunde, 38: 372.  
 1955 *Gopherus polyphemus agassizii* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1962 *Gopherus agassiz* Malkin (ex errore), Occ. Pap. Idaho St. College Mus., 7: 22.  
 1964 *Gopherus polyphemus agassizi* – Frair in Leone, Taxon. Biochem. Serol.: 536.  
 1980 *Geochelone agassizii* – Honegger in Dollinger, CITES Fauna Flora Ident. Manual, 3: Code A-301.011.003.002.  
 1982 *Scaptochelys agassizii* – Bramble, Copeia, 1982: 852.  
 1989 *Xerobates leptocephalus* Ottley & Velázquez Solis, Great Basin Natural., 49: 496; figs 1–2, 3B, 4A. – Type locality: western base of the Sierra San Vicente, approximately 1 km N of the Buena Mujer Dam, Baja California Sur, Mexico.  
 1994 *Scaptochelys agassizi* – Morafka, Aguirre & Murphy, Can. J. Zool., 72: 1665.

**Distribution:** Southwestern U.S.A. (southern Nevada, extreme southwestern Utah, southwestern California, western Arizona.) and adjacent Mexico (northern Baja California, cape region of Baja California Sur, western Sonora including Tiburón Island in the Gulf of California, northwestern Sinaloa).

### ***Gopherus berlandieri*** (Agassiz, 1857)

- 1857 *Xerobates berlandieri* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392; 2: plate 3: figs 17–19. – Restricted type locality (Schmidt 1953): Brownsville, Cameron Co., Texas.  
 1862 *Testudo berlandieri* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 22.

- 1873 *Xerobates gopher berlandieri* – Gray, Proc. Zool. Soc. London, 1873: 723.  
 1882 *Testudo tuberculata* Berlandier in True (nomen nudum), Proc. U.S. Nat. Mus., 4: 441.  
 1893 *Gopherus berlandieri* – Stejneger, Rept. Batr. Death Valley Exped., North Amer. Fauna, 7: 161.  
 1955 *Gopherus polyphemus berlandieri* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
 1975 *Gopherus berlandierii* Reeves (ex errore), Total Turtle: 39.  
 1982 *Scaptochelys berlandieri* – Bramble, Copeia, 1982: 852.  
 1996 *Gopherus berlanderi* Rogner (ex errore), Schildkröten, 2: 122.

**Distribution:** Texas, U.S.A. and north-eastern Mexico (Tamaulipas, northeastern San Luis Potosí, northern and eastern Nuevo León, Coahuila).

### ***Gopherus flavomarginatus* Legler, 1959**

- 1959 *Gopherus flavomarginatus* Legler, Univ. Kansas Publ., 11: 337; fig. 1; plates 7–8. – Type locality: 30 to 40 miles north from Lerdo, Durango, Mexico.  
 1961 *Gopherus polyphemus flavomarginatus* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: vii.  
 1966 ? *Gopherus huecoensis* Strain, Bull. Texas Mem. Mus., 10: 24. – Type locality: Madden Arroyo, Hudspeth Co., Texas, U.S.A. (Blancan, Pleistocene).  
 1974 *Gopherus flavomarginata* – Auffenberg, Bull. Florida State Mus., Biol. Sci., 18: 183.

**Distribution:** North-central Mexico (Bolson de Mapimi of southeastern Chihuahua, southwestern Coahuila, and northeastern Durango).

### ***Gopherus polyphemus* (Daudin, 1801)**

- 1791 *Testudo polyphaemus* Bartram (nomen nudum), Travels North South Georgia: 18.  
 1801 *Testudo polyphemus* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 256. – Restricted type locality (Schmidt 1953): vicinity of Savannah, Georgia.  
 1812 *Emys polyphemus* – Schweigger, 1812, Königsberg. Arch. Naturwiss. Math., 1: 317.  
 1829 *Testudo depressa* Cuvier in Guérin-Ménéville, Iconogr. Règne anim. Cuvier, Rept.: 5; plate 1: fig. 1. – Restricted type locality (Schmidt 1953): vicinity of Savannah, Georgia.  
 1832 *Gopherus polyphemus* – Rafinesque, Atlant. J. Friend Knowl., 1: 64.  
 1844 *Testudo gopher* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 4. – Restricted type locality (Schmidt 1953): vicinity of Savannah, Georgia.  
 1873 *Xerobates gopher* – Gray, Proc. Zool. Soc. London, 1873: 723.  
 1881 *Xerobates polyphemus* – True, Proc. U.S. Nat. Mus., 4: 434.  
 1916 *Gopherus praecedens* Hay, Ann. Rep. Florida St. Geol. Surv., 8: 55; plate 4: figs 1–2. – Type locality: Vero, St. Lucie Co., Florida (Pleistocene).  
 1955 *Gopherus polyphemus polyphemus* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.

**Distribution:** Southeastern U.S.A. (southwestern South Carolina south along the Atlantic Coastal Plain through Florida, and west along the Gulf Coastal Plain to southeastern Louisiana).

### ***Homopus* Duméril & Bibron, 1835**

- 1835 *Homopus* Duméril & Bibron (non *Homopus* Koch, 1843 = Acarina), Erpétol. gén., Hist. natur. Rept., 2: 145. – Subsequently designated type species (Fitzinger 1843): “*Homopus areolatus* Dum. Bibr.” = *Homopus areolatus* (Thunberg, 1787).  
 1835 *Chersobius* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 112. – Subsequently designated type species (Lindholm 1929): *Testudo* (*Chersobius*) *signata* Gmelin, 1789 = *Homopus signatus signatus* (Gmelin, 1789).  
 1891 *Horopus* Haycroft (ex errore), Trans. Royal Soc. Edinburgh, 36: 341.

- 1931 *Pseudomopus* Hewitt, Ann. Natal Mus., 6: 496. – Type species (by original designation): *Pseudomopus signatus* (Gmelin, 1789) = *Homopus signatus signatus* (Gmelin, 1789).  
 1950 *Pseudhomopus* FitzSimons (ex errore), Ann. Transvaal Mus., 21: 253.

**Comment:** The genus *Homopus* Duméril & Bibron, 1835 contains besides *H. areolatus* (Thunberg, 1787), *H. boulengeri* Duerden, 1906, *H. femoralis* Boulenger, 1888 and *H. signatus* (Gmelin, 1789) one further species from southern Namibia for which the name *H. bergeri* Lindholm, 1906 was used (Branch 1988, 1989). This name is a junior synonym of *Testudo verroxii* Smith, 1839 = *Psammobates tentorius verroxii* (Smith, 1839) however (Loveridge & Williams 1957, Branch 1992, Karl & Tichy 1999) so that currently no name is available for this species (Ernst et al. 2000). Recently, Devaux (2003), Pritchard (2005) and Bonin et al. (2006) used the nomen nudum *H. solos* for this undescribed species.

### ***Homopus areolatus* (Thunberg, 1787)**

- 1787 *Testudo areolata* Thunberg, Kongl. Vetensk. Acad. Handl., 8: 180; fig. – Type locality: India (in error).  
 1788 *Testudo miniata* Lacépède, Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 166. – Type locality: Cape of Good Hope.  
 1801 *Testudo fasciata* Daudin [non *Testudo fasciata* Suckow, 1798 = *Trachemys terrapen* (Lacépède, 1788)], Hist. natur. gén. part. Rept., 2, 1802: 294. – Type locality: Ceylon (in error).  
 1804 *Testudo africana* Hermann, Observ. zool. animal. spec.: 218. – Type locality: Africa.  
 1820 *Chersine areolata* – Merrem, Tentam. Syst. Amphib.: 30.  
 1820 *Chersine fasciata* – Merrem, Tentam. Syst. Amphib.: 29.  
 1820 *Chersine tetradactyla* Merrem, Tentam. Syst. Amphib.: 32. – Type locality: East India (in error).  
 1831 *Testudo areolata* var. *pallida* Gray, Synops. Rept., 1 (Cataphracta): 13. – Type locality: South Africa.  
 1835 *Homopus areolatus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 146.  
 1952 *Homopus areolata* – Williams, Bull. Amer. Mus. Natur. Hist., 99: 556.

**Distribution:** Northern, Western, and Eastern Cape Provinces of South Africa.

### ***Homopus boulengeri* Duerden, 1906**

- 1906 *Homopus boulengeri* Duerden, Rec. Albany Mus., 1: 406; plate 11: figs 1–2, 5. – Type locality: Willowmore, Aberdeen and Beaufort West Districts, Cape Province, South Africa.  
 1934 *Pseudomopus boulengeri* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 63.  
 1950 *Chersobius boulengeri* – Rose, Rept. Amph. South. Africa: 338.  
 1950 *Pseudhomopus boulengeri* – FitzSimons, Ann. Transvaal Mus., 21: 253.  
 1996 *Homopus boulenger* Paull (ex errore), Tortoises of the World, 1: 93.  
 2006 *Homopus boulengerii* Le, Raxworthy, McCord & Mertz (ex errore), Mol. Phylogenet. Evol., 40: 522.

**Distribution:** Karoo Plain of South Africa.

### ***Homopus femoralis* Boulenger, 1888**

- 1888 *Homopus femoralis* Boulenger, Proc. Zool. Soc. London, 1888: 251; plate 14. – Type locality: Cradock, Cape Province.  
 1890 *Testudo femoralis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 58.  
 2001 *Homopus femoralis* Mähner & Wilms (ex errore), Draco, 2 (8): 11.

**Distribution:** Western part of Western Cape, Eastern Cape, southwest Free State Provinces, and possibly extreme southwest North-West Province, South Africa.

***Homopus signatus*** (Gmelin, 1789)

Distribution: Western and southwestern South Africa; southern Namibia.

***Homopus signatus signatus*** (Gmelin, 1789)

- 1782 *Testudo signata* Walbaum (nomen illegitimum), Chelonogr.: 120. – Type locality: unknown.  
1789 *Testudo signata* Gmelin in Linnaeus, Syst. Natur., Ed. 13, 1: 1043. – Designated type locality (Bour 1988): vicinity of Springbok, Cape Province, South Africa.  
1820 *Chersine signata* – Merrem, Tentam. Syst. Amphib.: 30.  
1831 *Testudo juvencella* Daudin in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 5.  
1831 *Testudo juvencella* Daudin in Gray, Synops. Rept., 1 (Cataphracta): 14. – Type locality: Carolina (in error).  
1835 *Homopus signatus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 152.  
1931 *Pseudomopus signatus* – Hewitt, Ann. Natal Mus., 6: 498.  
1935 *Pseudomopus [signatus] signatus* – Hewitt, Rec. Albany Mus., 4: 346.  
1937 *Chersobius signatus* – Hewitt, South Afr. J. Sci., 33: 791.  
1952 *Homopus signata* – Williams, Bull. Amer. Mus. Natur. Hist., 99: 556.  
1955 *Homopus signatus signatus* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.

Distribution: Western South Africa and southern Namibia.

***Homopus signatus cafer*** (Daudin, 1801)

- 1801 *Testudo cafra* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 291. – Designated type locality (Bour 1988): drainage of the Olifant's River, Cape Province, South Africa.  
1935 *Pseudomopus signatus peersi* Hewitt, Rec. Albany Mus., 4: 345; plate 36. – Type locality: vicinity of Van Rhynsdorp, Klaver District, Cape Province.  
1955 *Homopus signatus peersi* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.  
1968 *Chersobius peersi* – Archer, Afr. Wild Life, 22: 29.  
1988 *Homopus signatus cafra* – Bour, J. Herpetol. Assoc. Africa, 35: 1.  
1988 *Homopus signatus cafer* – Boycott & Bourquin, South Afr. Tort., Terrap. Turtles: 38.  
1988 *Homopus signatus cafer* – Branch, Field Guide Snakes Rept. South. Africa: 25.

Distribution: Southwestern South Africa.

***Indotestudo*** Lindholm, 1929

- 1929 *Indotestudo* Lindholm, Zool. Anz., 81: 285. – Type species (by original designation): *Testudo (Indotestudo) elongata* Blyth, 1853 = *Indotestudo elongata* (Blyth, 1853).

***Indotestudo elongata*** (Blyth, 1853)

- 1853 *Testudo elongata* Blyth, J. Asiat. Soc. Bengal, 22: 639. – Type locality: Arakan.  
1869 *Peltastes elongatus* – Gray, Proc. Zool. Soc. London, 1869: 171.  
1913 *Testudo parallelus* Annandale, Rec. Ind. Mus., 9: 76; plate 5: figs 3, 3a. – Type locality: Chaibassa (Singhbhum) District, Chota Nagpur.  
1941 *Indotestudo elongata* – Bourret, Tortues de l'Indochine: 188.  
1967 *Geochelone elongata* – Pritchard, Living Turtles of the World: 135.  
1985 *Indotestudo elongata elongata* – Obst, Welt der Schildkröten: 218.  
1993 *Geochelone elongata elongata* – Gośławski & Hryniewicz, Żółwie: 68.



**Distribution:** From Nepal, Bangladesh, and northeastern India (Jalpaiguri, West Bengal, and Singhbhum in Bihar) southward through Myanmar, Laos, Thailand, Cambodia, and from Guangxi, China to Penang, Malaysia.

### ***Indotestudo forstenii*** (Schlegel & Müller, 1845)

- 1845 *Testudo forstenii* Schlegel & Müller in Temminck, Verh. Natuur. Gesch. Nederl. Overzee. Bezitt., 3, Rept.: 30. – Type locality: Gilolo.  
 1872 *Peltastes forstenii* – Gray, Proc. Zool. Soc. London, 1872: 615.  
 1952 *Testudo forstenii* Williams (ex errore), Bull. Amer. Mus. Natur. Hist., 99: 555.  
 1967 *Geochelone forstenii* – Pritchard, Living Turtles of the World: 169.  
 1980 *Geochelone forstenii* – Honegger in Dollinger, CITES Fauna Flora Ident. Manual, 3: Code A-301. 011.003.002.  
 1980 *Indotestudo forstenii* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 545.  
 1982 *Indotestudo forstenii* – Groombridge, IUCN Amphib.-Rept. Red Data Book, 1: 75.  
 1985 *Indotestudo elongata forstenii* – Obst, Welt der Schildkröten: 218.  
 1993 *Geochelone elongata forstenii* – Gosławski & Hryniewicz, Żółwie: 68.  
 1993 *Indotestudo foresternii* Choudhury & Bhupathy (ex errore), Turtle Trade in India: 47.

**Distribution:** Sulawesi and Halmahera, Indonesia.

**Comment:** For the publication date of *Testudo forstenii* Schlegel & Müller, 1845, often wrongly given with 1844, see Husson & Holthuis (1955).

### ***Indotestudo travancorica*** (Boulenger, 1907)

- 1907 *Testudo travancorica* Boulenger, J. Bombay Natur. Hist. Soc., 17: 560; plates 1–2. – Type locality: vicinity of Trivandrum, Travancore Hills.  
 1964 *Geochelone travancorica* – Auffenberg, J. Bombay Natur. Hist. Soc., 61: 191.  
 1980 *Indotestudo travancorica* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 545.  
 1985 *Indotestudo elongata travancorica* – Obst, Welt der Schildkröten: 218.  
 1993 *Geochelone elongata travancorica* – Gosławski & Hryniewicz, Żółwie: 68.  
 2001 *Indotestudo travancoica* Orenstein (ex errore), Turtl., Tort., Terrap.: 240.  
 2006 *Testudo travancorica* Rao (ex errore), Chelonii, 4: 22.

**Distribution:** Southwestern India (states of Karnataka, Kerala and Tamil Nadu).

### ***Kinixys*** Bell, 1827

- 1827 *Kinixys* Bell, Trans. Linn. Soc., 15: 398. – Subsequently designated type species (Bell 1828): *Kinixys homeana* Bell, 1827.  
 1830 *Cinixys* Wagler (ex errore), Natürl. Syst. Amphib.: 138.  
 1831 *Kinyxis* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 6.  
 1835 *Cinothorax* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 108. – Subsequently designated type species (Fitzinger 1843): “*Cinothorax bellianus* Fitz.” = *Kinixys belliana belliana* (Gray, 1831).  
 1836 *Kinyxys* Bonaparte (ex errore), Chelon. Tab. analyt.: 5.  
 1866 *Cinyxis* Peters (ex errore), Monatsber. Preuß. Akad. Wiss. Berlin, 1866: 887.  
 1873 *Kinothorax* Gray (ex errore), Hand-List Spec. Shield Rept. Brit. Mus.: 5.  
 1887 *Cinnixys* Bocage (ex errore), Jorn. Sci. Lisboa, 11: 209.  
 1895 *Cynixys* Prato (ex errore), Atti Soc. Ital. Sci. Natur., 35: 19.  
 1895 *Cininyxis* Werner (ex errore), Biol. Centralbl., 15: 127.  
 1896 *Cinicyx* Tornier (ex errore), Kriecht. Deutsch-Ost-Afrikas: 2.  
 1972 *Madakinixys* Vuillemin, Ann. Univ. Madagascar (Sci. natur. Math.), 9: 169. – Type species (by monotypy): *Madakinixys domerguei* Vuillemin, 1972 = *Kinixys belliana belliana* (Gray, 1831).

***Kinixys belliana*** (Gray, 1831)

**Distribution:** From Somalia southward to Swaziland and Kwazulu-Natal and westward into the Democratic Republic of Congo and across West Africa to Senegal; Madagascar.

**Comment:** This checklist follows Broadley (1993) in recognizing only two subspecies within *Kinixys belliana* (Gray, 1831).

***Kinixys belliana belliana*** (Gray, 1831)

- 1831 *Testudo (Kinixys) belliana* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 6. – Type locality: unknown.
- 1831 *Kinixys belliana* – Gray, Synops. Rept., 1 (Cataphracta): 69.
- 1835 *Cinixys (Cinothorax) belliana* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 121.
- 1843 *Cinothorax bellianus* – Fitzinger, Syst. Rept., 1: 29.
- 1845 *Kinixys schoensis* Rüppell, Mus. Senckenberg, 3: 226; plate 16: figs 1–3. – Type locality: Shoa, southern Ethiopia.
- 1931 *Kinixys belliana zombensis* Hewitt, Ann. Natal Mus., 6: 469; fig. 1c; plate 38: fig. 4. – Type locality: Zomba, Nyasaland.
- 1931 *Kinixys belliana zuluensis* Hewitt, Ann. Natal Mus., 6: 471; figs 1a–b, plate 38: figs 1–3, 5–10. – Type locality: Richard's Bay, Zululand.
- 1934 *Kinixys belliana belliana* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 62.
- 1937 *Kinixys zuluensis* – Hewitt, S. Afr. J. Sci., 33: 791.
- 1946 *Kinixys zombensis* – Mitchell, Nyasaland Agricult. Quart. J., 6: 19.
- 1955 *Kinixys belliana schoensis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1956 *Kinixys belliana mertensi* Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 48: 26; plate 3. – Type locality: Dika, Uele, northern Belgian Congo.
- 1972 *Madakinixys domerguei* Vuillemin, Ann. Univ. Madagascar (Sci. natur. Math.), 9: 169; plates 1–3, plate 4: figs 1–2, plates 5–6. – Restricted type locality (Bour 1985b): canton of Antsakoamanondro, northwestern Madagascar.
- 1979 *Kinixys schoensis* Pritchard (ex errore), Encyclopedia of Turtles: 461.
- 1979 *Madakinixys domergei* Gaffney (ex errore), Bull. Amer. Mus. Natur. Hist., 164: 326.
- 1985 *Kinixys belliana domerguei* – Bour, Madagascar Rech. Sci., 18: 60.

**Distribution:** Eastern Africa from Somalia and Ethiopia to the northeastern Democratic Republic of Congo southward to Uganda, southern Malawi, Zimbabwe, and Zululand; northwestern Madagascar (vicinity of Bay of Ambaro, Ambanja, Nosy Faly, likely to be introduced there; Bour 1985b).

***Kinixys belliana nogueyi*** (Lataste, 1886)

- 1886 *Homopus nogueyi* Lataste, Le Naturaliste, 8: 286. – Type locality: Medina, Upper Senegal.
- 1888 *Cinixys dorri* Lataste, Le Naturaliste, 10: 164; fig 1. – Type locality: Bakel, Upper Senegal.
- 1903 *Cinixys nogueyi* – Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 112: 442.
- 1906 *Cinixys belliana* var. *nogueyi* – Boulenger, Ann. Mus. Civ. Stor. Natur. Genova, (3) 2: 197.
- 1931 *Kinixys nogueyi* – Hewitt, Ann. Natal Mus., 6: 468.
- 1934 *Kinixys belliana nogueyi* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 8.

**Distribution:** West Africa from Senegal eastward to Cameroon and the Central African Republic.

***Kinixys erosa*** (Schweigger, 1812)

- 1812 *Testudo erosa* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 321. – Type locality: North America (in error).

- 1826 *Testudo schoepfii* Fitzinger (nomen nudum), *Neue Classif. Rept.*: 44.  
 1827 *Kinixys castanea* Bell, *Trans. Linn. Soc. London*, 15: 398; plate 17: fig. 1. – Type locality: Africa.  
 1831 *Kinixys erosa* – Gray, *Synops. Rept.*, 1 (Cataphracta): 16.  
 1835 *Cinixys erosa* – Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 165.  
 1835 *Cinixys (Kinixys) castanea* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 121.  
 1979 *Kinixys belliana erosa* – Nutaphand, *Turtles of Thailand*: 28.

**Distribution:** West Africa (from Gambia eastward to Uganda, and southward to Cabinda and northern Angola).

***Kinixys homeana* Bell, 1827**

- 1827 *Kinixys homeana* Bell, *Trans. Linn. Soc. London*, 15: 400; plate 17: fig. 2. – Type locality: West Africa.  
 1830 *Cinixys homeana* – Wagler, *Natürl. Syst. Amphib.*: 138.  
 1831 *Testudo (Kinixys) homeana* – Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 6.  
 1979 *Kinixys belliana homeana* – Nutaphand, *Turtles of Thailand*: 28.

**Distribution:** West Africa (from Liberia eastward to eastern Democratic Republic of Congo).

***Kinixys lobatsiana* Power, 1927**

- 1927 *Cinixys lobatsiana* Power, *Trans. Roy. Soc. South Afr.*, 14: 410; plates 19–20. – Type locality: Lobatsi, Bechuanaland Protectorate.  
 1931 *Kinixys lobatsiana* – Hewitt, *Ann. Natal Mus.*, 6: 488.  
 1955 *Kinixys belliana lobatsiana* – Mertens & Wermuth, *Zool. Jb., Syst.*, 83: 330.  
 1997 *Kinixys belliana lobatsiana* Paull (ex errore), *Tortoises of the World*, 2: 109.

**Distribution:** Southeastern Botswana and northern Republic of South Africa.

***Kinixys natalensis* Hewitt, 1935**

- 1935 *Kinixys natalensis* Hewitt, *Rec. Albany Mus.*, 4: 353; plate 35: figs 3–4. – Type locality: Jameson's Drift, Tugela River Valley, Natal.  
 1955 *Kinixys belliana natalensis* – Mertens & Wermuth, *Zool. Jb., Syst.*, 83: 330.

**Distribution:** Southern Mozambique, Swaziland and eastern Republic of South Africa.

***Kinixys spekii* Gray, 1863**

- 1863 *Kinixys spekii* Gray, *Ann. Mag. Natur. Hist.*, (3) 12: 381. – Restricted type locality (Loveridge 1936): Tanganyika Territory, east of Lake Tanganyika.  
 1889 *Cinixys spekii* – Boulenger, *Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.)*: 144.  
 1902 *Homopus darlingi* Boulenger, *Proc. Zool. Soc. London*, 1902: 15; plate 4. – Type locality: Salisbury District, Mashonaland, Southern Rhodesia.  
 1923 *Testudo procterae* Loveridge, *Proc. Zool. Soc. London*, 1923: 928; plates 1–2. – Type locality: Ikikuyu, south of Gulwe, Tanganyika Territory.  
 1931 *Kinixys australis* Hewitt, *Ann. Natal Mus.*, 6: 477; plate 36: figs 4–6. – Type locality: White River, eastern Transvaal.  
 1931 *Kinixys darlingi* – Hewitt, *Ann. Natal Mus.*, 6: 481.  
 1931 *Kinixys jordani* Hewitt, *Ann. Natal Mus.*, 6: 482; plate 37: figs 7–9. – Type locality: Isoka, northern Rhodesia.

- 1931 *Kinixys youngi* Hewitt, Ann. Natal Mus., 6: 486; fig. 1d; plate 37: figs 4–5. – Type locality: Shore of Lake Nyasa below Livingstonia, Nyasaland.
- 1932 *Kinixys australis mababiensis* FitzSimons, Ann. Transvaal. Mus., 15: 37. – Type locality: Tsostsoroga Pan, Mababe Flats, Bechuanaland Protectorate.
- 1934 *Kinixys australis australis* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 62.
- 1934 *Kinixys belliana spekei* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 62.
- 1934 *Malacochersus procterae* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 63.
- 1955 *Kinixys belliana australis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Kinixys belliana darlingi* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Kinixys belliana mababiensis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Kinixys belliana spekii* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.

Distribution: Angola eastward to southern Kenya and northeastern Republic of South Africa.

### **Malacochersus** Lindholm, 1929

- 1929 *Malacochersus* Lindholm, Zool. Anz., 81: 285. – Type species (by original designation): *Testudo* (*Malacochersus*) *tornieri* Siebenrock, 1903 = *Malacochersus tornieri* (Siebenrock, 1903).

#### **Malacochersus tornieri** (Siebenrock, 1903)

- 1903 *Testudo tornieri* Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 112: 443. – Type locality: Busisi, southern end of Lake Victoria, Tanganyika Territory.
- 1920 *Testudo loveridgii* Boulenger, C. R. Acad. Sci. Paris, 170: 263. – Type locality: Dodoma, Ugogo, Tanganyika Territory.
- 1934 *Malacochersus tornieri* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 63.
- 1967 *Malacochersus loveridgei* Pritchard (ex errore), Living Turtles of the World: 188.
- 1997 *Malacochersus torneiri* Paull (ex errore), Tortoises of the World, 2: 16.

Distribution: Patchy, highly localized distribution in Kenya, Tanzania and extreme northeastern Zambia as reviewed by Chansa & Wagner (2006).

### **Manouria** Gray, 1854

- 1854 *Manouria* Gray, Proc. Zool. Soc. London, 1852: 133. – Type species (by monotypy): *Manouria fusca* Gray, 1854 = *Manouria emys emys* (Schlegel & Müller, 1840).
- 1854 *Teleopus* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 187. – Type species (by monotypy): *Teleopus luxatus* LeConte, 1854 = *Manouria emys emys* (Schlegel & Müller, 1840).
- 1869 *Scapia* Gray, Proc. Zool. Soc. London, 1869: 167. – Type species (by monotypy): *Testudo* (*Scapia*) *falconeri* Gray, 1869 = *Manouria emys emys* (Schlegel & Müller, 1840) or *Manouria emys phayrei* (Blyth, 1853).
- 1889 *Manouria* Lydekker (ex errore), Rec. Geol. Surv. India, 22: 209.
- 1991 *Manowria* Zhou & Zhou (ex errore), Chin. Chelon. illustr.: 5.

#### **Manouria emys** (Schlegel & Müller, 1840)

Distribution: Northeastern India, Myanmar, and from Thailand through Malaysia to Sumatra and Borneo.

*Manouria emys emys* (Schlegel & Müller, 1840)

- 1840 *Testudo emys* Schlegel & Müller in Temminck, Verh. Natuur. Gesch. Nederl. Overzee. Bezitt., 3, Rept.: plate 4. – Type locality: Sumatra.
- 1851 *Testudo emydoides* Duméril & Bibron in Duméril & Duméril (nomen novum), Cat. méthod. Coll. Rept.: 4.
- 1854 *Manouria fusca* Gray, Proc. Zool. Soc. London, 1852: 134. – Type locality: Singapore.
- 1854 *Teleopus luxatus* LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 187. – Type locality: Java (in error).
- 1862 *Manouria emydoides* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 25.
- 1862 *Manouria emys* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 25.
- 1862 *Manouria luxata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 25.
- 1869 ? *Testudo (Scapia) falconeri* Gray, Proc. Zool. Soc. London, 1869: 169; fig. 1. – Type locality: “India?”
- 1870 ? *Scapia falconeri* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 6.
- 1889 *Manuria emys* – Lydekker, Rec. Geol. Surv. India, 22: 209.
- 1957 *Geochelone emys* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 224.
- 1983 *Manouria emys emys* – Obst, Zool. Abh. Mus. Tierk. Dresden, 38: 251.
- 1993 *Geochelone emys emys* – Gosławski & Hryniewicz, Żółwie: 68.
- 1999 *Testudo emys emys* – Paull, Tortoises of the World, 6: 73.

**Distribution:** Southern Thailand (provinces of Ranong and Nakorn Sri Thammarat) through Malaysia to Sumatra and Borneo; this subspecies ranges as far north as the Khao Luang Massif of Nakhon Sri Thammarat Province, being separated from *Manouria emys phayrei* (Blyth, 1853) by a tectonic slide fault area, the Surat gap (Nutaphand 1979, Ernst et al. 2000, P.P. van Dijk, pers. comm.).

**Comment:** For the publication date of *Testudo emys* Schlegel & Müller, 1840, often wrongly given with 1844, see Husson & Holthuis (1955).

*Manouria emys phayrei* (Blyth, 1853)

- 1853 *Testudo phayrei* Blyth, J. Asiat. Soc. Bengal, 22: 639. – Type locality: Tenasserim Provinces, Arakan.
- 1869 ? *Testudo (Scapia) falconeri* Gray, Proc. Zool. Soc. London, 1869: 169; fig. 1. – Type locality: “India?”
- 1870 ? *Scapia falconeri* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 6.
- 1871 *Scapia phayrei* – Gray, Ann. Mag. Natur. Hist., (4) 8: 320.
- 1979 *Testudo nutapundi* Reimann in Nutaphand, Turtles of Thailand: 193; figs 35 (bottom), 36, 105–107. – Restricted type locality (Obst 1983): Tak Province, northern Thailand.
- 1982 *Geochelone nutapundi* – Groombridge, IUCN Amphib.-Rept. Red Data Book, 1: 72.
- 1983 *Manouria emys nutapundi* – Obst, Zool. Abh. Mus. Tierk. Dresden, 38: 249.
- 1984 *Manouria emys phayrei* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 6, A(1): 169.
- 1988 *Geochelone (Manouria) emys phayeri* Alderton (ex errore), Turtles Tort. World: 180.
- 1993 *Geochelone emys nutapundi* – Gosławski & Hryniewicz, Żółwie: 68.
- 1996 *Manouria nutapundi* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 439.
- 1997 *Manouria emys phayeri* – Paull, Tortoises of the World, 3: 30.
- 2001 *Manouria emys phayre* Das (ex errore), Schildkr. Ind. Subkontin.: 73.
- 2002 *Manouria emys phareyi* Ferri (ex errore), Turtles & Tortoises: 146.

**Distribution:** Northeastern India (Assam, Meghalaya, and Nagaland), Myanmar, and from Tak Province (northern Thailand) as far south as Ranong and western Surat Thani Province, and may extend into northern Phang-nga Province, Thailand (Nutaphand 1979, Ernst et al. 2000, P.P. van Dijk, pers. comm.).

*Manouria impressa* (Günther, 1882)

- 1882 *Geoemyda impressa* Günther, Proc. Zool. Soc. London, 1882: 343; figs 1–3. – Type locality: Siam.

- 1894 *Geoemyda latinuchalis* Vaillant, Bull. Soc. philom. Paris, (8) 6: 68. – Type locality: Rivière Noir, Tonkin.
- 1903 *Testudo pseudemys* Boulenger in Annandale & Robinson, Fasc. malay., Zool., 1: 144; fig.; plate 9. – Type locality: Batang Padang District, southern Perak.
- 1909 *Testudo latinuchalis* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 520.
- 1922 *Testudo impressa* – Smith, J. Natur. Hist. Soc. Siam, 4: 204.
- 1967 *Geochelone impressa* – Pritchard, Living Turtles of the World: 169.
- 1980 *Manouria impressa* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 2, A(2): 545.
- 1991 *Manowria impressa* – Zhou & Zhou, Chin. Chelon. illustr.: 5.

**Distribution:** From the Karenni Hills in Myanmar to Malaysia and Vietnam.

### ***Psammobates* Fitzinger, 1835**

- 1835 *Psammobates* Fitzinger (non *Psammobates* Newton, 1871 = Pisces), Ann. Wien. Mus. Naturgesch., 1, 1836: 113. – Subsequently designated type species (Fitzinger 1843): “*Psammobates geometricus* Fitz.” = *Psammobates geometricus* (Linnaeus, 1758).
- 1870 *Chersinella* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 8. – Subsequently designated type species (Hewitt 1933; subsequent type fixation of *Testudo graeca* Linnaeus, 1758 by Lindholm 1929 in error as this species was not included in *Chersinella* by Gray 1870): *Peltastes* (*Chersinella*) *geometrica* (Linnaeus, 1758) = *Psammobates geometricus* (Linnaeus, 1758).
- 1996 *Psammnobates* Ulber in Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept. (Reprint 1996): ii.

### ***Psammobates geometricus* (Linnaeus, 1758)**

- 1758 *Testudo geometrica* Linnaeus, Syst. Natur., Ed. 10, 1: 199. – Restricted type locality (Baard 1991): southwestern Cape Province, South Africa.
- 1801 *Testudo luteola* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 277; plate 25: fig. 3. – Type locality: unknown.
- 1820 *Chersine geometrica* – Merrem, Tentam. Syst. Amphib.: 32.
- 1843 *Psammobates geometricus* – Fitzinger, Syst. Rept., 1: 29.
- 1869 *Peltastes geographicus* Gray (ex errore pro *Testudo geometrica* Linnaeus, 1758), Proc. Zool. Soc. London, 1869: 173.
- 1870 *Peltastes geometricus* – Gray, Proc. Zool. Soc. London, 1870: 655.
- 1872 *Peltastes geometrica* – Gray in Sowerby & Lear, Tort., Terrap., Turtl.: 3.
- 1893 *Testudo strauchi* Lidth de Jeude, Notes Leyden Mus., 15: 312; plate 9. – Type locality: Cape of Good Hope.
- 1933 *Chersinella geometrica* – Hewitt, Ann. Natal Mus., 7: 260.
- 1933 *Chersinella strauchi* – Hewitt, Ann. Natal Mus., 7: 262.
- 1978 *Psammobates geometrica* – Obst, Zool. Abh. Mus. Tierk. Dresden, 35: 71.
- 1980 *Geochelone geometrica* – Obst, Schildkröten: 63.
- 1996 *Psammnobates geometricus* – Ulber in Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept. (Reprint 1996): ii.

**Distribution:** Southwestern Western Cape Province, South Africa.

### ***Psammobates oculifer* (Kuhl, 1820)**

- 1820 *Testudo oculifera* Kuhl, Beitr. Zool., Amphib.: 77. – Type locality: Cape.
- 1831 *Emys occilifera* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 9.
- 1831 *Emys oculifera* – Gray, Synops. Rept., 1 (Cataphracta): 28.

- 1839 *Testudo semiserrata* Smith, Illustr. Zool. South Afr., Rept.: plate 6. – Type locality: between Latakoo and the Tropic of Capricorn.
- 1862 *Clemmys oculifera* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 32.
- 1870 *Peltastes semiserratus* – Gray, Proc. Zool. Soc. London, 1870: 656.
- 1933 *Chersinella oculifera* – Hewitt, Ann. Natal Mus., 7: 263.
- 1937 *Psammobates oculifera* – Hewitt, South Afr. J. Sci., 33: fig. 2.
- 1957 *Psammobates oculifer* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 168.
- 1989 *Psammobates oculiferus* – Crumly in King & Burke, Crocod., Tuatara, Turtl. Spec. World: 95.

**Distribution:** Southern Africa from Northern Province, North-West, Mpumalanga and the western Free State northwestward through the Kalahari Desert of Botswana and Namibia almost to Angola.

***Psammobates tentorius* (Bell, 1828)**

**Distribution:** From the Great Namaqualand of Namibia southeastward to Eastern Cape, South Africa.

***Psammobates tentorius tentorius* (Bell, 1828)**

- 1828 *Testudo tentoria* Bell, Zool. J., 3: 420. – Type locality: “Africa?”
- 1844 *Testudo geometrica* var. *tentoria* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 8.
- 1856 *Testudo geometrica* var. *nigriventris* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1955: 8. – Type locality: South Africa.
- 1870 *Peltastes tentorius* – Gray, Proc. Zool. Soc. London, 1870: 656.
- 1933 *Chersinella tentoria albanica* Hewitt, Ann. Natal Mus., 7: 266; plate 14: figs 10–15. – Type locality: vicinity of Mayfair Farm, Albany District, Cape Province.
- 1933 *Chersinella tentoria duerdeni* Hewitt, Ann. Natal Mus., 7: 279; plate 15: figs 29–31. – Type locality: Graaf Reinet, Cape Province.
- 1933 *Chersinella tentoria karuella* Hewitt, Ann. Natal Mus., 7: 283; plate 15: figs 35–38. – Type locality: Uniondale, Cape Province.
- 1933 *Chersinella tentoria karuica* Hewitt, Ann. Natal Mus., 7: 272; plate 14: figs 19–24, plate 15: figs 25–28. – Type locality: Droegkloof Farm near Klaarstroom, Prince Albert District, Cape Province.
- 1933 *Chersinella tentoria lativittata* Hewitt, Ann. Natal Mus., 7: 281; plate 15: figs 32–34. – Type locality: Willowmore, Cape Province.
- 1933 *Chersinella tentoria piscatella* Hewitt, Ann. Natal Mus., 7: 269; plate 14: figs 17–18. – Type locality: Little Fish River, Somerset East District, Cape Province.
- 1933 *Chersinella tentoria subsulcata* Hewitt, Ann. Natal Mus., 7: 270. – Type locality: Brighton Farm near Steytlerville, Cape Province.
- 1933 *Chersinella [tentoria] tentoria* – Hewitt, Ann. Natal Mus., 7: 265.
- 1933 *Chersinella tentoria tentorioides* Hewitt, Ann. Natal Mus., 7: 268; plate 14: fig. 16. – Type locality: Bowden Hall, Middlebury District, Cape Province.
- 1937 *Psammobates tentoria albanica* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: 7.
- 1937 *Psammobates tentoria duerdeni* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: plate 2: fig. 3.
- 1937 *Psammobates tentoria piscatella* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: 8.
- 1937 *Psammobates [tentoria] tentoria* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: 7.
- 1937 *Psammobates tentoria tentorioides* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: 8.
- 1946 *Psammobates tentoria karruica* FitzSimons (ex errore), Ann. Transvaal Mus., 20: 353.
- 1957 *Psammobates tentorius tentorius* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 176.
- 1961 *Testudo tentoria tentoria* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: viii.

**Distribution:** Southern and eastern Karoo from Grahamstown to Matjiesfontein, Republic of South Africa.

*Psammobates tentorius trimeni* (Boulenger, 1886)

- 1886 *Testudo trimeni* Boulenger, Proc. Zool. Soc. London, 1886: 541; plate 57. – Type locality: mouth of Orange River, Little Namaqualand, Cape Province.
- 1933 *Chersinella tentoria hexensis* Hewitt, Ann. Natal Mus., 7: 286; plate 15: figs 39–40. – Type locality: Hex River, Worcester District, Cape Province.
- 1933 *Chersinella trimeni* – Hewitt, Ann. Natal Mus., 7: 287.
- 1937 *Psammobates trimeni* – Hewitt, South Afr. J. Sci., 33: 791.
- 1957 *Psammobates tentorius trimeni* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 176.
- 1961 *Testudo tentoria trimeni* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: viii.
- 1985 *Psammobates tentoria trimeni* – Obst, Welt der Schildkröten: 219.

**Distribution:** Extreme western Cape Provinces of the Republic of South Africa from Lambert's Bay north to beyond the Orange River in Great Namaqualand in Namibia.

*Psammobates tentorius verroxii* (Smith, 1839)

- 1839 *Testudo verroxii* Smith, Illustr. Zool. South Afr., Rept.: plate 8. – Restricted type locality (Müller 1939): vicinity of Alival North, between Orange River and Caledon River.
- 1870 *Peltastes verreauxii* Gray (nomen novum), Proc. Zool. Soc. London, 1870: 656.
- 1870 *Peltastes verroxii* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 9.
- 1884 *Testudo verreauxii* – Rochebrune, Faune Sénégalie, Rept.: 13.
- 1886 *Testudo fiski* Boulenger, Proc. Zool. Soc. London, 1886: 542; plate 58. – Type locality: De Aar near Hopetown, Cape Province.
- 1886 *Testudo smithi* Boulenger, Proc. Zool. Soc. London, 1886: 542. – Type locality: South Africa.
- 1889 *Testudo fiskii* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1889 *Testudo smithii* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): viii.
- 1903 *Testudo seimundi* Boulenger, Ann. Mag. Natur. Hist., (7) 12: 216; plate 17. – Type locality: 3 miles east of Deelfontein, Richmond District, Cape Province.
- 1904 *Testudo boettgeri* Siebenrock (non *Testudo graeca* var. *boettgeri* Mojsisovics, 1889 = *Testudo hermanni boettgeri* Mojsisovics, 1889), Anz. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 41: 194; plates 1–2. – Type locality: Great Namaqualand, Southwest Africa.
- 1906 *Homopus bergeri* Lindholm, Jahrb. Nassau. Ver. Naturk., 59: 348. – Type locality: Gibeon, Southwest Africa.
- 1907 *Testudo tentoria* var. *fiskii* – Duerden, Rec. Albany Mus., 2: 88.
- 1909 *Testudo bergeri* – Siebenrock, Zool. Anz., 34: 623.
- 1929 *Testudo oscarboettgeri* Lindholm (nomen novum pro *Testudo boettgeri* Siebenrock, 1904), Zool. Anz., 81: 295.
- 1934 *Chersinella fiski colesbergensis* Hewitt, Ann. Natal Mus., 7: 321; plate 16: figs 61–62. – Type locality: Colesberg, Cape Province.
- 1934 *Chersinella fiski cronwrighti* Hewitt, Ann. Natal Mus., 7: 317; plate 16: fig. 58. – Type locality: Hanover, Cape Province.
- 1934 *Chersinella [fiski] fiski* – Hewitt, Ann. Natal Mus., 7: 309.
- 1934 *Chersinella fiski grica* Hewitt, Ann. Natal Mus., 7: 323; plate 16: figs 63–66, plate 17: figs 67–71. – Type locality: Marydale, Prieska District, Cape Province.
- 1934 *Chersinella fiski gricoides* Hewitt, Ann. Natal Mus., 7: 326; plate 17: figs 72–75. – Type locality: Niekerks Hope (Niekerkshoop), Hay District, Cape Province.
- 1934 *Chersinella fiski orangensis* Hewitt, Ann. Natal Mus., 7: 319; plate 16: figs 59–60. – Type locality: between Philipstown and Petrusville District, Cape Province.
- 1934 *Chersinella fiski seimundi* – Hewitt, Ann. Natal Mus., 7: 314.
- 1934 *Chersinella schonlandi* Hewitt, Ann. Natal Mus., 7: 303; plate 16: figs 46–50. – Type locality: Little Namaqualand, Cape Province.



- 1934 *Chersinella verroxii amasensis* Hewitt, Ann. Natal Mus., 7: 333. – Type locality: Ukamas District, Cape Province.
- 1934 *Chersinella verroxii bergeri* – Hewitt, Ann. Natal Mus., 7: 335.
- 1934 *Chersinella verroxii boettgeri* – Hewitt, Ann. Natal Mus., 7: 333.
- 1934 *Chersinella verroxii smithi* – Hewitt, Ann. Natal Mus., 7: 331.
- 1934 *Chersinella [verroxii] verroxii* – Hewitt, Ann. Natal Mus., 7: 328.
- 1934 *Testudo verroxi* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 64.
- 1935 *Chersinella boettgeri* – FitzSimons, Ann. Transvaal Mus., 15: 520.
- 1935 *Chersinella fiskii* – FitzSimons, Ann. Transvaal Mus., 15: 520.
- 1937 *Psammobates fiski colesbergensis* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: 8.
- 1937 *Psammobates fiski crownrighti* – Hewitt, Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes: 9.
- 1938 *Psammobates depressa* FitzSimons, Ann. Transvaal Mus., 19: 154; plate 2: figs 1–4, plate 3: figs 1–2. – Type locality: 8 miles west of Aus, Southwest Africa.
- 1938 *Psammobates fiskii* – FitzSimons, Ann. Transvaal Mus., 19: 155.
- 1946 *Psammobates fiskii fiskii* – FitzSimons, Ann. Transvaal Mus., 20: 354.
- 1955 *Testudo smithi bergeri* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Testudo smithi smithi* – Mertens & Wermuth, Zool. Jb., Syst., 83: 330.
- 1955 *Testudo verroxii bergeri* – Mertens, Abh. Senckenb. naturforsch. Ges., 490: 37.
- 1955 *Testudo verroxii smithi* – Mertens, Abh. Senckenb. naturforsch. Ges., 490: 37.
- 1957 *Psammobates tentorius verroxii* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 176.
- 1958 *Chersinella schoenlandi* Villiers (ex errore), Tort. Crocod. Afr. Noire Franç.: 58.
- 1958 *Psammobates verrauxi* Villiers (ex errore), Tort. Crocod. Afr. Noire Franç.: 58.
- 1961 *Testudo tentoria verroxii* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: viii.
- 1979 *Psammobates tentorius verroxi* – Pritchard in Harless & Morlock, Turtles, Perspectives & Research: 12.
- 1985 *Psammobates tentoria verroxi* – Obst, Welt der Schildkröten: 219.
- 1989 *Testudo tentorius verroxii* – Branch in Swingland & Klemens, Conserv. Biol. Tort.: 75.
- 1996 *Psammobates tentorius verroxi* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: plate 22.

**Distribution:** From the Northern Cape Province of the Republic of South Africa northwestward to the Great Namaqualand of Namibia; perhaps southern Free State.

## **Pyxis** Bell, 1827

- 1827 *Pyxis* Bell (non *Pyxis* Chemnitz, 1784 = nomen illegitimum: Direction 32, ICZN 1956; non *Pyxis* Chevrolat, 1843 = Coleoptera; non *Pyxis* Hermannsen, 1848 = Gastropoda; non *Pyxis* Stefani, 1877 = Lamellibranchiata), Trans. Linn. Soc. London, 15: 395. – Type species (by monotypy): *Pyxis arachnoides* Bell, 1827 = *Pyxis arachnoides arachnoides* Bell, 1827.
- 1902 *Acinixys* Siebenrock, Anz. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 39: 12. – Type species (by monotypy): *Acinixys planicauda* (Grandidier, 1867) = *Pyxis planicauda* (Grandidier, 1867).
- 1950 *Bellemys* Williams (nomen novum pro *Pyxis* Bell, 1827), Bull. Amer. Mus. Natur. Hist., 94: 512.
- 1972 *Pyxoides* Vuillemin & Domergue, Ann. Univ. Madagascar (Sci. natur. Math.), 9: 193. – Type species (by monotypy): *Pyxoides brygooi* Vuillemin & Domergue, 1972 = *Pyxis arachnoides brygooi* (Vuillemin & Domergue, 1972).

## **Pyxis arachnoides** Bell, 1827

**Distribution:** Southwestern and southern coast of Madagascar.

## **Pyxis arachnoides arachnoides** Bell, 1827

- 1827 *Pyxis arachnoides* Bell, Trans. Linn. Soc. London, 15: 395; plate 16: figs 1–2. – Designated type locality (Bour 1979): Soalara (Bay of Saint-Augustin), southwestern Madagascar.

- 1831 *Testudo (Pyxis) aranoides* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 6.  
 1831 *Pyxis aranoides* – Gray, Synops. Rept., 1 (Cataphracta): 16.  
 1831 *Pyxis madagascariensis* Lesson, Bull. Sci. natur. Paris, 25: 120. – Type locality: Madagascar.  
 1835 *Testudo (Pyxis) arachnoides* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.  
 1950 *Bellemys arachnoides* – Williams, Bull. Amer. Mus. Natur. Hist., 94: 512.  
 1979 *Pyxis arachnoides arachnoides* – Bour, Bull. Soc. Étud. sci. Anjou, 10, 1978: 147.

**Distribution:** Southern part of southwestern coast of Madagascar in the vicinity of the Onilahy River.

*Pyxis arachnoides brygooi* (Vuillemin & Domergue, 1972)

- 1972 *Pyxoides brygooi* Vuillemin & Domergue, Ann. Univ. Madagascar (Sci. natur. Math.), 9: 193; plate 1: figs 1–2, plate 2: fig. 2, plate 3: figs 1, 3, plate 4: figs 1–4, plate 5: figs 2, 2a. – Restricted type locality (Bour 1979): Ampanonga (northwest of Lake Ihotry), southwestern Madagascar.  
 1979 *Pyxis arachnoides brygooi* – Bour, Bull. Soc. Étud. sci. Anjou, 10, 1978: 147.

**Distribution:** Northern part of southwestern coast of Madagascar, southwest of the Mangoky River, between Morombe, Lake Ihotry, and Fanemotra Bay.

*Pyxis arachnoides oblonga* Gray, 1869

- 1869 *Pyxis arachnoidea* var. *oblonga* Gray, Proc. Zool. Soc. London, 1869: 173. – Designated type locality (Bour 1982a): Cape Sainte-Marie, Tuléar Province, southern Madagascar.  
 1979 *Pyxis arachnoides matzi* Bour, Bull. Soc. Étud. sci. Anjou, 10, 1978: 143; figs 1, 3–4, 6–8. – Type locality: Cape Sainte-Marie, Tuléar Province, southern Madagascar.  
 1985 *Pyxis arachnoides oblonga* – Bour, Madagascar Rech. Sci., 18: 59.

**Distribution:** Southern coast of Madagascar from La Linta to Lake Anony.

*Pyxis planicauda* (Grandidier, 1867)

- 1867 *Testudo planicauda* Grandidier, Rev. Mag. Zool., (2) 19: 223. – Restricted type locality (Bour 1981): Morondava, Tuléar Province, Madagascar.  
 1902 *Acinixys planicauda* – Siebenrock, Anz. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 2: 12.  
 1972 *Testudo morondavaensis* Vuillemin, Ann. Univ. Madagascar (Sci. natur. Math.), 9: 127; plate 1: figs 1–4, plate 2: figs 1–3, plate 3: figs 1–4, plate 5: fig. 1. – Type locality: Morondava, southwest coast of Madagascar.  
 1979 *Pyxis (Acinixys) planicauda* – Bour, Bull. Soc. Étud. sci. Anjou, 10, 1978: 153.  
 1980 *Pyxis planicauda* Obst (ex errore), Schildkröten: 58.

**Distribution:** Southwestern coast of Madagascar, between the Morondava and Tsiribihina Rivers.

***Stigmochelys* Gray, 1873**

- 1873 *Stigmochelys* Gray, Hand-List Spec. Shield Rept. Brit. Mus.: 5. – Type species (by monotypy): *Testudo (Stigmochelys) pardalis* Bell, 1828 = *Stigmochelys pardalis pardalis* (Bell, 1828).  
 1933 *Megachersine* Hewitt, Ann. Natal Mus., 7: 257. – Type species (by original designation): *Megachersine pardalis* (Bell, 1828) = *Stigmochelys pardalis pardalis* (Bell, 1828).

***Stigmochelys pardalis* (Bell, 1828)**

**Distribution:** Sub-Saharan Africa, from southern Sudan and Ethiopia southward through eastern Africa to South Africa and westward to southern Angola and Namibia.

**Comment:** Until recently, *Stigmochelys pardalis* (Bell, 1828) was included by most authors in the genus *Geochelone* Fitzinger, 1835 (e.g. Loveridge & Williams 1957, Pritchard 1979, Ernst et al. 2000). According to mtDNA and nDNA data, *S. pardalis* forms a well-supported clade with the much smaller *Psammobates* spp. (Le et al. 2006) and not with other African and Malagasy tortoises of *Geochelone* sensu lato, as suggested by morphology (Gerlach 2001). We do not follow the suggestion of Le et al. (2006) to place *S. pardalis* into the genus *Psammobates* Fitzinger, 1835 however, acknowledging the most likely sister group relation of the large-sized *S. pardalis* to the dwarfed *Psammobates* spp. and the considerable morphological differences (see also Fritz & Bininda-Emonds 2007).

Pronounced sequence divergences of samples of *S. p. pardalis* and *S. p. babcocki* (Loveridge, 1935) studied by Le et al. (2006) support distinction of both subspecies.

***Stigmochelys pardalis pardalis* (Bell, 1828)**

- 1828 *Testudo pardalis* Bell, Zool. J., 3: 420; Suppl.: plate 25. – Type locality: Cape of Good Hope.  
 1829 *Testudo biguttata* Cuvier (nomen nudum), Règne animal, Ed. 2, 2: 10.  
 1831 *Testudo armata* Boie in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 4.  
 1831 *Testudo bipunctata* Gray in Griffith & Pidgeon (ex errore pro *Testudo biguttata* Cuvier, 1829), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 4.  
 1835 *Geochelone (Geochelone) pardalis* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 122.  
 1933 *Megachersine pardalis* – Hewitt, Ann. Natal Mus., 7: 257.  
 1935 *Testudo pardalis pardalis* – Loveridge, Bull. Mus. Comp. Zool., 79: 4.  
 1957 *Geochelone pardalis pardalis* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 175.  
 2001 *Stigmochelys pardalis* – Gerlach, Phelsuma, 9 (Suppl. A): 11.  
 2002 *Centrochelys pardalis pardalis* – Vetter, Terralog, Turtles of the World, 1: 5.  
 2002 *Stigmochelys pardalis pardalis* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 10.  
 2006 *Psammobates pardalis* – Le, Raxworthy, McCord & Mertz, Mol. Phylogenet. Evol., 40: 528.

**Distribution:** In Namibia possibly as far north as Rehoboth, more certainly south of a line from Kolmanskop (near Luederitz Bay) to Keetmanshoop south to the Cape (Loveridge & Williams 1957).

***Stigmochelys pardalis babcocki* (Loveridge, 1935)**

- 1935 *Testudo pardalis babcocki* Loveridge, Bull. Mus. Comp. Zool., 79: 4; plate 1: figs 1–2. – Type locality: Mount Debasien, Karamoja, Uganda.  
 1957 *Geochelone pardalis babcocki* – Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 167.  
 1967 *Geochelone babcocki* – Pritchard, Living Turtles of the World: 148.  
 1974 *Geochelone pardalis babcocki* Dadd (species name ex errore), Zool. Rec., Rept., 1971: 88.  
 1976 *Geochelone pardalis babcocki* Młynarski (ex errore), Handbuch Paläoherpetol., 7: 12.  
 2002 *Centrochelys pardalis babcocki* – Vetter, Terralog, Turtles of the World, 1: 5.  
 2002 *Stigmochelys pardalis babcocki* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 10.  
 2006 *Geochelone pardalis babcockii* Le, Raxworthy, McCord & Mertz (ex errore), Mol. Phylogenet. Evol., 40: 522.

**Distribution:** Sudan and Ethiopia south to Natal, west through Cape Province to Namibia, where it intergrades with *Stigmochelys pardalis pardalis* (Bell, 1828), but is dominant north of 27°S and in southern Angola; absent from northern Angola (Loveridge & Williams 1957).

**Testudo** Linnaeus, 1758

- 1758 *Testudo* Linnaeus, Syst. Natur., Ed. 10, 1: 197. – Subsequently designated type species (Fitzinger 1843): *Testudo graeca* Linnaeus, 1758 = *Testudo graeca graeca* Linnaeus, 1758.
- 1820 *Chersine* Merrem, Tentam. Syst. Amphib.: 29. – Subsequently designated type species (Lindholm 1929): *Chersine graeca* sensu Merrem 1820 (non *Testudo graeca* Linnaeus, 1758) = *Testudo hermanni hermanni* Gmelin, 1789 or *Testudo hermanni boettgeri* Mojsisovics, 1889.
- 1825 *Chersini* Gray (ex errore), Ann. Philos. (New Ser.), 10: 210.
- 1830 *Chersus* Wagler, Natürl. Syst. Amphib.: 138. – Type species (by monotypy): *Chersus marginatus* (Schoepff, 1793) = *Testudo marginata* Schoepff, 1793.
- 1856 *Cherseus* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 10.
- 1869 *Peltastes* Gray (non *Peltastes* Illiger, 1807 = Hymenoptera; non *Peltastes* Agassiz, 1838 = Echinodermata; non *Peltastes* Fischer-Waldheim, 1839 = Orthoptera), Proc. Zool. Soc. London, 1869: 171. – Subsequently designated type species (Lindholm 1929): *Peltastes graecus* sensu Gray 1869 = *Testudo graeca ibera* Pallas, 1814.
- 1870 *Testudinella* Gray (non *Testudinella* Bory, 1822 = Rotatoria), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 12. – Type species (by monotypy): *Testudinella horsfieldii* (Gray, 1844) = *Testudo horsfieldii horsfieldii* Gray, 1844.
- 1872 *Peltonia* Gray (nomen novum pro *Peltastes* Gray, 1869), Append. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 4.
- 1916 *Medaestia* Wussow, Wochenschr. Aqu.- u. Terr.-Kunde, 13: 170. – Subsequently designated type species (Mertens 1949): *Medaestia graeca* sensu Wussow 1916 (non *Testudo graeca* Linnaeus, 1758) = *Testudo hermanni hermanni* Gmelin, 1789 or *Testudo hermanni boettgeri* Mojsisovics, 1889.
- 1957 *Pseudotestudo* Loveridge & Williams, Bull. Mus. Comp. Zool., 115: 166. – Type species (by monotypy): *Testudo (Pseudotestudo) kleinmanni* Lortet, 1883.
- 1966 *Agrionemys* Khozatsky & Młynarski, Bull. Acad. Polon. Sci., Cl. 2 (Sci. biol.), 14: 123. – Type species (by monotypy): *Agrionemys horsfieldi* [sic] = *Testudo horsfieldii horsfieldii* Gray, 1844.
- 1966 *Agrione* Khozatsky & Młynarski (ex errore), Bull. Acad. Polon. Sci., Cl. 2 (Sci. biol.), 14: 123.
- 1970 *Protetudo* Chkhikvadze, Soobshch. Akad. Nauk Gruzinsk. SSR, 57: 245. – Type species (by original designation): †*Protetudo bessarabica* (Riabinin, 1918).
- 1989 *Pseudotestudo* Highfield & Martin (ex errore), J. Chelon. Herpetol., 1 (1): 3.
- 1990 *Furculachelys* Highfield, J. Chelon. Herpetol., 1 (2): 1. – Subsequently designated type species (hoc loco): *Furculachelys nabeulensis* Highfield, 1990 = *Testudo graeca nabeulensis* (Highfield, 1990).
- 2002 *Furchulachelys* van der Kuyl, Ballasina, Dekker, Maas, Willemsen & Goudsmit (ex errore), Mol. Phylogenet. Evol., 22: 180.
- 2006 *Eurotestudo* Lapparent de Broin, Bour, Parham & Perälä, C. R. Palevol., 5: 803. – Type species (by original designation): *Eurotestudo hermanni* (Gmelin, 1789) = *Testudo hermanni hermanni* Gmelin, 1789.

**Comment:** In the description of the recently erected genus *Eurotestudo* Lapparent de Broin et al., 2006 it was claimed that the names *Chersine* Merrem, 1820 and *Medaestia* Wussow, 1916 are based on *Testudo graeca* Linnaeus, 1758 as type species. According to Article 69.2.4 of the ICZN (1999) this is not correct however (Fritz & Bininda-Emonds 2007). Lindholm (1929) fixed *Chersine graeca* sensu Merrem 1820 (non *Testudo graeca* Linnaeus, 1758) = *Testudo hermanni hermanni* Gmelin, 1789 or *Testudo hermanni boettgeri* Mojsisovics, 1889 as type species of *Chersine* Merrem, 1820. Likewise, Mertens (1949) fixed *Medaestia graeca* sensu Wussow 1916 (non *Testudo graeca* Linnaeus, 1758) = *Testudo hermanni hermanni* Gmelin, 1789 or *Testudo hermanni boettgeri* Mojsisovics, 1889 as type species of *Medaestia* Wussow, 1916. We do not recognize either of these genera as all western Palearctic tortoises are monophyletic (Fritz & Bininda-Emonds 2007).

**Testudo graeca** Linnaeus, 1758

**Distribution:** Southern Spain and Balearic Islands; northern Africa (from Morocco to Libya), southeastern Balkans, Caucasus and Turkey eastward to Iran and through Syria, Lebanon and Jordan southward to Israel; introduced to some northern Mediterranean islands.

**Comment:** A recent publication (Fritz et al. 2007) provides evidence that many taxa within the *Testudo graeca* complex are invalid and that all taxa are conspecific. See also comment under *T. hermanni* Gmelin, 1789 below.

### *Testudo graeca graeca* Linnaeus, 1758

- 1758 *Testudo graeca* Linnaeus [non *Testudo graeca* sensu Schoepff 1793 = *Chersine graeca* sensu Merrem 1820 = *Chersinella graeca* sensu Gray 1873 = *Medaestia graeca* sensu Wussow 1916 = *Testudo hermanni hermanni* Gmelin, 1789 or *Testudo hermanni boettgeri* Mojsisovics, 1889; non *Peltastes graecus* sensu Gray 1869 = *Testudo graeca ibera* Pallas, 1814], Syst. Natur., Ed. 10, 1: 198. – Restricted type locality (Mertens & Müller 1928): Santa Cruz, Oran.
- 1758 *Testudo pusilla* Linnaeus (non †*Testudo pusilla* Bergounioux, 1936), Syst. Natur., Ed. 10, 1: 199. – Designated type locality (Wermuth 1956): Santa Cruz, Oran.
- 1820 *Chersine pusilla* – Merrem, Tentam. Syst. Amphib.: 30.
- 1835 *Testudo mauritanica* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 44. – Designated type locality (Mertens & Wermuth 1955): vicinity of Algiers.
- 1835 *Testudo mauritonica* Kercado (ex errore), Acta Soc. Linn. Bordeaux, 30: 35.
- 1836 ? *Testudo whitei* Bennett in White, Natur. Hist. Antiquit. Selborne: 361. – Designated type locality (Highfield & Martin 1989): Algiers and its environs, Algeria.
- 1841 *Testudo graeca* var. *mauritanica* – Schlegel in Wagner, Reisen Regentschaft Algier: 106.
- 1870 ? *Peltastes marginatus* var. *whitei* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 12.
- 1873 *Peltastes mauritanicus* – Gray, Hand-List Shield Rept. Brit. Mus.: 12.
- 1946 *Testudo graeca graeca* – Mertens, Senckenbergiana, 27: 112.
- 1979 *Testudo graeca* Nutaphand (ex errore), Turtles of Thailand: 65.
- 1989 ? *Testudo whitei* Highfield & Martin (ex errore), J. Chelon. Herpetol., 1 (1): 22.
- 1990 ? *Furculachelys whitei* – Highfield, J. Chelon. Herpetol., 1 (2): 12.
- 1995 *Testudo graeca sarda* Ballasina (nomen nudum), Salviamo Tartarughe: 166.
- 1996 ? *Testudo graeca whitei* – Artner, Emys, 3 (5): 34.
- 2002 *Testudo graeca sardinia* van der Kuyl, Ballasina, Dekker, Maas, Willemsen & Goudsmit (nomen nudum), Mol. Phylogenet. Evol., 22: 180.

**Distribution:** Northeastern Morocco (eastern part of Mediterranean coast and adjacent inland regions), Algeria (Pieh & Perälä 2004); introduced on several islands in the northern Mediterranean.

### *Testudo graeca anamurensis* Weissinger, 1987

- 1987 *Testudo graeca anamurensis* Weissinger, ÖGH-Nachrichten 10/11: 14; figs 1–4. – Type locality: Anamurum, southern Turkey.
- 1990 *Testudo ibera anamurensis* – Highfield, Keep. Breed. Tort. Captivity: 104.
- 1994 *Testudo terrestris anamurensis* – David, Dumerilia, 1: 47.
- 2002 *Testudo anamurensis* – Vetter, Terralog, Turtles of the World, 1: 6.
- 2002 *Testudo graeca amurensis* Ferri (ex errore), Turtles & Tortoises: 249.

**Distribution:** Central Mediterranean coast of Turkey (Weissinger 1987).

### *Testudo graeca antakyensis* Perälä, 1996

- 1996 *Testudo antakyensis* Perälä in Perälä, Vikberg & Kanza, Virallinen kongressijulkaisu. Herpetokongressi I: 23; 9 figs. – Type locality: Antakya, Turkey.
- 2000 *Testudo graeca antakyensis* – Zwartepoorte in Artner & Meier, Schildkröten: 26.
- 2002 *Testudo terrestris antakyensis* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 10.
- 2003 *Testudo ibera antakyensis* – Artner, Emys, 10 (6): xxv.

**Distribution:** Levant without central and southern coastal part (Perälä 2002a).

*Testudo graeca armeniaca* Chkhikvadze & Bakradze, 1991

- 1989 *Testudo graeca armeniaca* Chkhikvadze (nomen nudum), Voprosy gerpetol., 7: 284.  
1991 *Testudo graeca armeniaca* Chkhikvadze & Bakradze, Trudy Tbilissk. gosudarstven. Univ., 305: 60; figs 1–3. – Type locality: Megri, southeastern Armenia.  
1991 *Testudo graeca armaniaca* Chkhikvadze & Bakradze (ex errore), Trudy Tbilissk. gosudarstven. Univ., 305: 62.  
2002 *Testudo armeniaca* – Vetter, Terralog, Turtles of the World, 1: 6.  
2002 *Testudo terrestris armeniaca* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 10.

Distribution: Araxes Valley and adjacent regions in Turkey, Armenia, Azerbaijan, and Iran (Pieh et al. 2002).

*Testudo graeca buxtoni* Boulenger, 1921

- 1814 ? *Testudo ecaudata* Pallas, Zoogr. rosso-asiat., 3: 19; plate 3: figs 1–2. – Type locality: forests of Persia, along Caspian Sea.  
1921 *Testudo buxtoni* Boulenger, J. Bombay Natur. Hist. Soc., 27: 251. – Type locality: Manjil, between Resht and Kaswin, Iran.  
2002 *Testudo terrestris buxtoni* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 10.  
2003 *Testudo ibera buxtoni* – Artner, Emys, 10 (6): xxv.

Distribution: Southwestern corner of Caspian Sea, Iran (Perälä 2004a).

*Testudo graeca cyrenaica* Pieh & Perälä, 2002

- 2002 *Testudo graeca cyrenaica* Pieh & Perälä, Herpetozoa, 15: 3; figs 1–5. – Type locality: Derna (= Darna or Darnah, 32°46'N 22°39'E), Cyrenaica, eastern Libya.  
2002 *Testudo cyrenaica* – Vetter, Terralog, Turtles of the World, 1: 7.  
2004 *Testudo cyrenaika* Stettner (ex errore), Emys, 11 (1): 24.

Distribution: Cyrenaica Peninsula, Libya (Pieh & Perälä 2002).

*Testudo graeca floweri* Bodenheimer, 1935

- 1935 *Testudo floweri* Bodenheimer, Anim. Life Palestina: 197. – Restricted type locality (Bour 1989): Negev, probably vicinity of Gaza, Palestine.  
1946 *Testudo graeca floweri* – Mertens, Senckenbergiana, 27: 112.  
1994 *Testudo terrestris floweri* – David, Dumerilia, 1: 47.  
2003 *Testudo ibera floweri* – Artner, Emys, 10 (6): xxv.

Distribution: Coastal plains of Gaza, Israel and Lebanon (Perälä 2002a, Perälä & Shacham 2004).

*Testudo graeca ibera* Pallas, 1814

- 1814 *Testudo ibera* Pallas, Zoogr. rosso-asiat., 3: 18; plate 2: figs 2–3. – Designated type locality (Bour 1987b): Tbilisi, Georgia.  
1852 *Chersus iberus* – Brandt in Lehmann, Reise Beitr. Russ. Reich: 331.  
1853 *Testudo iberia* Blyth (ex errore), J. Asiat. Soc. Bengal, 22: 642.  
1916 *Medaestia ibera* – Wussow, Wochenschr. Aqu.- u. Terr.-Kunde, 13: 170.  
1918 *Testudo ibera* var. *bicaudalis* Venzmer (nomen nudum), Sitzungsber. Ges. naturforsch. Freunde Berlin, 1918: 213.

- 1920 *Testudo ibera* var. *bicaudalis* Venzmer, Zool. Anz., 51: 289; figs 1–2. – Type locality: Taurus Mts., Cilicia.  
 1931 *Testudo ibera racovitzai* Călinescu, Mem. Sect. stiin. Acad. român., (3) 7: 169; plates 6–7. – Type locality: Tutrakan, Bulgaria.  
 1946 *Testudo graeca ibera* – Mertens, Senckenbergiana, 27: 112.  
 1993 *Testudo ibera ibera* – Gmira, Bull. Herpetol. Soc. France, 65/66: 55.  
 1994 *Testudo terrestris ibera* – David, Dumerilia, 1: 47.

Distribution: Southeastern Balkan Peninsula, Asia Minor, part of Caucasus Region (Buskirk et al. 2001).

#### *Testudo graeca lamberti* Pieh & Perälä, 2004

- 2004 *Testudo graeca lamberti* Pieh & Perälä, Herpetozoa, 17: 19; figs 2, 8–9. – Type locality: 22 km north of Tétouan (35°34'N 5°22'W), Morocco.  
 2004 *Testudo lamberti* – Perälä in Pieh & Perälä, Herpetozoa, 17: 43.

Distribution: Northern Morocco (western part of Mediterranean coast; Pieh & Perälä 2004).

#### *Testudo graeca marokkensis* Pieh & Perälä, 2004

- 2004 *Testudo graeca marokkensis* Pieh & Perälä, Herpetozoa, 17: 19; figs 1, 6–7. – Type locality: Tarmilete (33°23'N 6°04'W), Morocco.  
 2004 *Testudo marokkensis* – Perälä in Pieh & Perälä, Herpetozoa, 17: 43.

Distribution: Northwestern Morocco (Atlantic coast and adjacent inland region; Pieh & Perälä 2004).

#### *Testudo graeca nabeulensis* (Highfield, 1990)

- 1989 ? *Testudo flavominimaris* Highfield & Martin, Description of a miniature tortoise *Testudo flavominimaris* (Tortoise Trust, London): [9]; plate 1. – Restricted type locality (Highfield 1990): Libya.  
 1990 *Furculachelys nabeulensis* Highfield, J. Chelon. Herpetol., 1 (2): 1; figs pp. 17, 35, 51, 52 (right). – Restricted type locality (Pieh & Perälä 2004): forest 7–8 km northwest of Nabeul, in direction of Grombalia, Tunisia.  
 1994 *Testudo nabeulensis* – Welch, Turtl., Tort. Terrap., Checkl.: 71.  
 1996 ? *Testudo graeca flavominimaris* – Artner, Emys, 3 (5): 34.  
 1996 *Testudo graeca nabeulensis* – Artner, Emys, 3 (5): 34.  
 2002 ? *Furculachelys minimaris* van der Kuyl, Ballasina, Dekker, Maas, Willemsen & Goudsmit (ex errore pro *Testudo flavominimaris* Highfield & Martin, 1989), Mol. Phylogenet. Evol., 22: 180.  
 2002 *Furculachelys nabeulensis* – van der Kuyl, Ballasina, Dekker, Maas, Willemsen & Goudsmit, Mol. Phylogenet. Evol., 22: 180.

Distribution: Tunisia, adjacent Libya (Pieh & Perälä 2002).

#### *Testudo graeca nikolskii* Chkhikvadze & Tuniyev, 1986

- 1986 *Testudo graeca nikolskii* Chkhikvadze & Tuniyev, Soobshch. Akad. Nauk Gruzinsk. SSR, 124: 618; fig. 1. – Type locality: Nebug Settlement, Tuapse Co., Krasnodar District, Russia.  
 1990 *Testudo ibera nikolskii* – Highfield, Keep. Breed. Tort. Captivity: 104.  
 1994 *Testudo terrestris nikolskii* – David, Dumerilia, 1: 47.  
 1997 *Testudo graeca niolskii* Paull (ex errore), Tortoises of the World, 2: 154.  
 2002 *Testudo nikolskii* – Vetter, Terralog, Turtles of the World, 1: 7.

Distribution: Northern Black Sea coast of Russia and Georgia (Buskirk et al. 2001).

*Testudo graeca pallasi* Chkhikvadze & Bakradze, 2002

- 1989 *Testudo graeca pallasi* Chkhikvadze (nomen nudum), Voprosy gerpetol., 7: 284.  
2002 *Testudo graeca pallasi* Chkhikvadze & Bakradze, Trudy inst. zool., Akad. Nauk Gruzii, 21: 276; figs 1–3. – Type locality: vicinity of Gilyary-Dag Settlement, Dagestan.  
2004 *Testudo pallasi* – Danilov & Milto, Manouria, 7 (22): 23.

Distribution: Caspian Sea coastal area in Dagestan (Russia) and adjacent Azerbaijan (Danilov et al. 2004).

*Testudo graeca perses* Perälä, 2002

- 2002 *Testudo perses* Perälä, Chelonii, 3: 81; figs 2–6. – Type locality: 3 miles W of Läläbäd Village and 25 miles NW Kermānshāh (34°27'N 46°50'E), Kermānshāhān Province, west-central Iran.  
2003 *Testudo ibera perses* – Artner, Emys, 10 (6): xxv.

Distribution: Zagros Mountains (Iran) and adjacent mountain chains (Perälä 2002a).

*Testudo graeca soussensis* Pieh, 2001

- 2001 *Testudo graeca soussensis* Pieh, Salamandra, 36, 2000: 209; figs 1–4, 8. – Type locality: vicinity of Agadir (30°28'N 9°55'W), Morocco.  
2002 *Testudo soussensis* – Vetter, Terralog, Turtles of the World, 1: 7.

Distribution: Southwestern Morocco, region of Marrakech and region southwest of High Atlas Mountains (Pieh & Perälä 2004).

*Testudo graeca terrestris* Forsskål, 1775

- 1775 *Testudo terrestris* Forsskål (nomen conservandum: Opinion 660, ICZN 1963; non *Testudo terrestris* Fermin, 1765 = nomen suppressum et reiectum: Opinion 660, ICZN 1963), Descr. Anim. Faun. orient. Conspect.: VIII, 12. – Designated type locality (by neotype designation; Perälä & Bour 2004): Aleppo, Syria.  
1831 ? *Testudo zolhafa* Forsskål in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 5.  
1831 ? *Testudo zolkafa* Forsskål in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 13.  
1835 ? *Testudo zohalfa* Forsskål in Duméril & Bibron (nomen nudum), Erpétol. gén., Hist. natur. Rept., 2: 44.  
1958 *Testudo graeca terrestris* – Wermuth, Senckenb. biol., 39: 152.  
1994 *Testudo terrestris terrestris* – David, Dumerilia, 1: 47.  
2003 *Testudo ibera terrestris* – Artner, Emys, 10 (6): xxv.

Distribution: Northern Mesopotamia (Bour & Perälä 2004, Perälä & Bour 2004).

*Testudo graeca zarudnyi* Nikolsky, 1896

- 1896 *Testudo zarudnyi* Nikolsky, Ann. Mus. Zool. Acad. Sci. St. Pétersbourg, 1: 369. – Restricted type locality (Perälä 2002a): Bīrjand, Khorāsān Province, northeastern Iran.  
1946 *Testudo graeca zarudnyi* – Mertens, Senckenbergiana, 27: 113.  
1993 *Testudo ibera zarudnyi* – Gmira, Bull. Herpetol. Soc. France, 65/66: 55.  
1994 *Testudo terrestris zarudnyi* – David, Dumerilia, 1: 47.

Distribution: Eastern Iran (Perälä 2002a).



***Testudo hermanni* Gmelin, 1789**

**Distribution:** Most of the southern and central Balkan Peninsula; Apennine Peninsula, Corsica, Sardinia, Sicily, relict populations on the Spanish and French Mediterranean coast; introduced on Balearic Islands (Cheylan 2001).

**Comment:** The nomenclatural history of *Testudo hermanni* Gmelin, 1789 is overshadowed by name confusions, leading to considerable mixing-up of data for different taxa in many publications.

Before Flower (1925, 1926) put forward that the name *Testudo hermanni* Gmelin, 1789 has to be applied to the “Greek tortoise”, this species was known for decades under the name *Testudo graeca* Linnaeus, 1758, while the name *Testudo ibera* Pallas, 1814 was used for spur-thighed tortoises that are now known as *Testudo graeca*. This leads until today to confusion of data for both species involved.

After the pioneering work of Wermuth (1952), demonstrating the existence of two subspecies within *Testudo hermanni*, the western subspecies was recognized for more than three decades as *Testudo hermanni robertmertensi* Wermuth, 1952 and the eastern subspecies as *Testudo hermanni hermanni* Gmelin, 1789. Bour (1987b) rediscovered the type specimen of *Testudo hermanni* Gmelin, 1789, a representative of the western subspecies, and designated Collobrières (Département Var, France) as its type locality. This resulted in a reversal of the meaning of the subspecies name *Testudo hermanni hermanni*, which was no longer valid for the eastern, but for the western subspecies, and the resurrection of the name *Testudo hermanni boettgeri* Mojsisovic, 1889 for the eastern subspecies. This situation contributed to much upheaval because several authors did not notice the change in the application of the nominotypical subspecies.

The elevation of both subspecies to full species level and distinction of several western Balkan populations as third species (*Testudo hercegovinensis* Werner, 1899), as suggested by Perälä (2002b, 2004b) and Bour (2004a, b), was not confirmed by a rangewide phylogeography (Fritz et al. 2006b).

***Testudo hermanni hermanni* Gmelin, 1789**

- 1789 *Testudo hermanni* Gmelin in Linnaeus, Syst. Natur., Ed. 13, 1: 1041. – Designated type locality (Bour 1987b): Collobrières, Département Var, France.
- 1881 *Testudo graeca bettai* Lataste, Le Naturaliste, 1: 396. – Type locality: unknown.
- 1952 *Testudo hermanni hermanni* – Wermuth (non *Testudo hermanni hermanni* sensu Bour 1987b), Senckenbergiana, 33: 161.
- 1952 *Testudo hermanni robertmertensi* Wermuth, Senckenbergiana, 33: 162; figs 1, 5–6. – Type locality: mountains north of Arta, Mallorca, Balearic Islands.
- 1983 *Prototestudo hermanni* – Chkhikvadze, Iskopaemye cherepakhi Kavkaza i Severnogo Prichernomorya: 94.
- 1993 *Agrionemys hermanni* – Gmira, C. R. Acad. Sci. Paris, II, 316: 701.
- 2001 *Testudo hermannii* Gerlach (ex errore), Phelsuma, 9 (Suppl. A): 15.
- 2004 *Testudo hermannii* Claude & Tong (ex errore), Oryctos, 5: 19.
- 2006 *Eurotestudo hermanni* – Lapparent de Broin, Bour, Parham & Perälä, C. R. Palevol., 5: 804.

**Distribution:** Apennine Peninsula, Corsica, Sardinia, Sicily, relict populations on the Spanish and French Mediterranean coast; introduced on Balearic Islands (Chelyan 2001).

***Testudo hermanni boettgeri* Mojsisovics, 1889**

- 1889 *Testudo graeca* var. *boettgeri* Mojsisovics [non *Testudo boettgeri* Siebenrock, 1904 = *Psammobates tentorius verroxii* (Smith, 1839)], Mitt. naturwiss. Ver. Steiermark, 1888: 242. – Type locality: Orşova, Çerna Valley, Banat.
- 1899 *Testudo graeca* var. *hercegovinensis* Werner, Wiss. Mitt. Bosn. Hercegov., 6: 818. – Type locality: Trebinje, Hercegovina.
- 1932 *Testudo enriquesi* Parenzan, Atti Ist. Veneto Sci. Lett. Arti, 91: 1160; plates 30–32, plate 33: figs 3, 7. – Type locality: Conca di Elbassan, Skumbi, central Albania.
- 1987 *Testudo hermanni boettgeri* – Bour, Rev. franç. Aquariol., 13, 1986: 111.

- 2000 *Testudo boettgeri* – Artner, Budischek & Froschauer, *Emys*, 7 (2): 9.  
 2002 *Testudo hercegovinensis* – Perälä, *Chelonii*, 3: 44.  
 2003 *Testudo boettgeri boettgeri* – Artner, *Emys*, 10 (6): xxiv.  
 2003 *Testudo boettgeri hercegovinensis* – Artner, *Emys*, 10 (6): xxiv.  
 2004 *Testudo hermanni hercegovinensis* – Vinke & Vinke, *Schildkr. Fokus*, 1 (1): 22.  
 2006 *Eurotestudo boettgeri* – Lapparent de Broin, Bour, Parham & Perälä, *C. R. Palevol.*, 5: 804.  
 2006 *Eurotestudo hercegovinensis* – Lapparent de Broin, Bour, Parham & Perälä, *C. R. Palevol.*, 5: 804.

**Distribution:** Most of the southern and central Balkan Peninsula (Cheylan 2001).

### *Testudo horsfieldii* Gray, 1844

**Distribution:** Kazakhstan, Turkmenistan, Uzbekistan, Kyrgyzstan and from Iran, Afghanistan, and Pakistan to western Xinjiang, China.

### *Testudo horsfieldii horsfieldii* Gray, 1844

- 1844 *Testudo horsfieldii* Gray, *Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.*: 7. – Type locality: Afghanistan.  
 1854 *Homopus burnesii* Blyth, *J. Asiat. Soc. Bengal*, 22: 642. – Type locality: Afghanistan.  
 1870 *Testudinella horsfieldii* – Gray, *Suppl. Cat. Shield Rept. Coll. Brit. Mus.*, 1 (Testud.): 12.  
 1873 *Testudinella horsfieldi* Gray (ex errore), *Proc. Zool. Soc. London*, 1873: 726.  
 1876 *Homopus horsfieldii* – Theobald, *Descript. Cat. Rept. Brit. India*: 3.  
 1906 *Testudo baluchiorum* Annandale, *Proc. Asiat. Soc. Bengal*, 1906: 75; plate 2: fig. 1. – Type locality: Baluchistan.  
 1916 *Medaestia horsfieldi* – Wussow, *Wochenschr. Aqu.- u. Terr.-Kunde*, 13: 170.  
 1916 *Testudo horsfieldi* – Wussow, *Wochenschr. Aqu.- u. Terr.-Kunde*, 13: 169.  
 1966 *Agrionemys horsfieldi* – Khozatsky & Młynarski, *Bull. Acad. Polon. Sci., Cl. 2 (Sci. biol.)*, 14: 123.  
 1966 *Agrionemys horsfieldii* – Młynarski, *Acta Biol. Cracov., Zool.*, 9: 219.  
 1992 *Testudo horsfieldii horsfieldii* – Iverson, *Rev. Checkl. Distr. Maps Turtl. World*: 289.  
 1994 *Agrionemys horsfieldii horsfieldii* – Welch, *Turtl., Tort. Terrap., Checkl.*: 7.  
 1996 *Agrionemys horsfieldii* Rogner (ex errore), *Schildkröten*, 2: 70.  
 1996 *Testudo horsfieldi horsfieldi* – Highfield, *Keep. Breed. Tort. Freshw. Turtl.*: 241.  
 2002 *Agrionemys baluchiorum* – Vetter, *Terralog, Turtles of the World*, 1: 5.  
 2003 *Agrionemys horsfieldii baluchiorum* – Artner, *Emys*, 10 (6): xxi.

**Distribution:** From Iran, Afghanistan, and Pakistan to western Xinjiang, China.

### *Testudo horsfieldii kazachstanica* (Chkhikvadze, 1988)

- 1988 *Agrionemys horsfieldi kazachstanica* Chkhikvadze, *Izv. Akad. Nauk GSSR, Ser. biol.*, 14: 110; figs 1–2 (both top). – Type locality: Karatal, southern Pribalkhashye [region south of the Balkhash Lake, Kazakhstan].  
 1992 *Testudo horsfieldii kazachstanica* – Iverson, *Rev. Checkl. Distr. Maps Turtl. World*: 289.  
 1994 *Agrionemys horsfieldii kazachstanica* – Welch, *Turtl., Tort. Terrap., Checkl.*: 7.  
 1996 *Testudo horsfieldi kazachstanica* Highfield (ex errore), *Keep. Breed. Tort. Freshw. Turtl.*: 241.  
 1998 *Agrionemys horsfieldii kazachstanica* Borkin in Anan'eva, Borkin, Darevskii & Orlov (ex errore), *Zemnovodnye i presmykayushchiesya*: 202.  
 2002 *Agrionemys kazachstanica* – Perälä, *Chelonii*, 3: 43.  
 2002 *Testudo horsfieldi kazachstanica* – Ferri, *Turtles & Tortoises*: 249.

**Distribution:** Kazakhstan and Turkmenistan.

*Testudo horsfieldii rustamovi* (Chkhikvadze, Amiranashvili & Ataev, 1990)

- 1989 *Agrionemys horsfieldi rustamovi* Chkhikvadze (nomen nudum), Voprosy gerpetol., 7: 284.  
 1990 *Agrionemys horsfieldi rustamovi* Chkhikvadze, Amiranashvili & Ataev, Izv. Akad. Nauk Turkmensk. SSR, Ser. biol., 1: 73; fig. 1. – Type locality: Madau Village, Kizyl Atrek Region, southwestern Turkmenistan.  
 1990 *Agrionemys horsfieldi rustamovi* Chkhikvadze, Amiranashvili & Ataev (ex errore), Izv. Akad. Nauk Turkmensk. SSR, Ser. biol., 1: 73.  
 1992 *Testudo horsfieldii rustamovi* – Iverson, Rev. Checkl. Distr. Maps Turtl. World: 289.  
 1994 *Agrionemys horsfieldii rustamovi* – Welch, Turtl., Tort. Terrap., Checkl.: 7.  
 1995 *Testudo horsfieldii rustamovi* Das (ex errore), Turtles and Tortoises of India: 64.  
 1996 *Testudo horsfieldi rustamovi* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: 241.  
 1997 *Testudo horsfieldii rustamovi* Paull (ex errore), Tortoises of the World, 2: 165.  
 2002 *Agrionemys rustamovi* – Perälä, Chelonii, 3: 43.  
 2002 *Testudo horsfieldi rustamovi* – Ferri, Turtles & Tortoises: 249.

**Distribution:** Kopet-Dag region of southwestern Turkmenistan and adjacent Iran, western Kazakhstan (Ernst et al. 2000, Fritz et al. 2005b).

*Testudo kleinmanni* Lortet, 1883

- 1869 *Testudo leithii* Günther (non †*Testudo leithii* Carter, 1852), Proc. Zool. Soc. London, 1869: 502; figs 1–4. – Type locality: Sindh, Baluchistan (in error).  
 1870 *Peltastes leithii* – Gray, Proc. Zool. Soc. London, 1870: 657.  
 1883 *Testudo kleinmanni* Lortet, Arch. Mus. Hist. natur., 3: 188. – Type locality: vicinity of Alexandria, Egypt.  
 1916 *Medaestia leithi* Wussow (ex errore), Wochenschr. Aqu.- u. Terr.-Kunde, 13: 170.  
 1931 *Testudo leithi* – Smith, Fauna Brit. India, Rept. Amphib., 1: 137.  
 1958 *Pseudotestudo kleinmanni* – Adler, Ohio Herpetol. Soc., Spec. Publ., 2: 16.  
 1989 *Pseudotestudo kleinmanni* – Highfield & Martin, J. Chelon. Herpetol., 1 (1): 3.  
 2001 *Testudo kleinmanni* Gerlach (ex errore), Phelsuma, 9 (Suppl. A): 15.  
 2001 *Testudo wernerii* Perälä, J. Herpetol., 35: 570; fig. 3. – Type locality: 14 km south of Be'er Sheva (northern Negev desert, Israel).

**Distribution:** Mediterranean coast of Libya and Egypt; Negev Desert (Israel).

**Comment:** Baha el Din (2006) synonymized *Testudo wernerii* Perälä, 2001 with *T. kleinmanni* Lortet, 1883. This is in line with completely lacking mtDNA differentiation of *T. kleinmanni* from western Libya compared to tortoises from the Negev Desert (Široký & Fritz 2007); further evidence for the identity of both was provided by Attum et al. (2007).

*Testudo marginata* Schoepff, 1793

- 1782 *Testudo tabulata* var. *campanulata* Walbaum (nomen illegitimum), Chelonogr.: 124. – Type locality: unknown.  
 1793 *Testudo marginata* Schoepff, Hist. Testud. Icon. illustr.: 52; plate 11, plate 12: fig. 1. – Designated type locality (Bruno 1986): Peloponnese, Greece.  
 1793 *Testudo graja* Hermann in Schoepff, Hist. Testud. Icon. illustr.: 52. – Designated type locality (Mertens & Wermuth 1955): Greece.  
 1820 *Chersine marginata* – Merrem, Tentam. Syst. Amphib.: 31.  
 1830 *Chersus marginatus* – Wagler, Natürl. Syst. Amphib.: 138.  
 1831 *Testudo campanulata* Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 4.  
 1831 *Testudo graji* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 4.

- 1862 *Testudo campanulata* Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 65. – Type locality: Greece.
- 1869 *Peltastes marginatus* – Gray, Proc. Zool. Soc. London, 1869: 173.
- 1870 *Peltastes marginatus* var. *melas* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 10. – Type locality: Greece.
- 1872 *Peltastes marginata* – Gray in Sowerby & Lear, Tort., Terrap., Turtl.: 4.
- 1875 *Testudo nemoralis* Schreiber, Herpetol. europ., 1st ed.: 557; figs 118–119. – Type locality: Greece.
- 1992 *Testudo marginata sarda* Mayer, Europäische Landschildkröten: 95; figs pp. 71 (top), 92 (right), 93 (top right, bottom), 94 (bottom), 95, 99 (bottom). – Type locality: Olbia, Sardinia.
- 1994 *Testudo marginata weissingeri* Trutnau, Terraristik: 238. – Type locality: Peloponnese (“Peleponnes”).
- 1996 *Testudo weissingeri* Bour, Dumerilia, 2, 1995: 30; fig. 2. – Type locality: Kardamili (Kardamyli), Messenia, Greece.
- 1996 *Testudo marginata marginata* – Rogner, Schildkröten, 2: 12.

**Distribution:** Greece and adjacent Albania; introduced on Sardinia and perhaps in mainland Italy (Bringsøe et al. 2001).

## Family **Trionychidae** Fitzinger, 1826

### **Amyda** Geoffroy Saint-Hilaire, 1809

- 1809 *Amyda* Geoffroy Saint-Hilaire, Nouv. Bull. Sci. Philomen. Paris, 1: 365. – Type species (by monotypy): “*Amyda javanica* Schweigger in Geoffroy Saint-Hilaire, 1809 (nomen nudum)” = *Trionyx javanicus* Geoffroy Saint-Hilaire, 1809 = *Amyda cartilaginea* (Boddaert, 1770).
- 1834 *Amida* Duméril & Bibron (ex errore; non *Amida* Lewis, 1896 = Coleoptera), Erpétol. gén., Hist. natur. Rept., 1: 416.
- 1834 *Amyde* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 1: 421.
- 1843 *Potamochelys* Fitzinger, Syst. Rept., 1: 30. – Type species (by original designation): “*Aspidonectes (Potamochelys) javanicus* Wagl.” = *Amyda cartilaginea* (Boddaert, 1770).
- 1864 *Aspilus* Gray (non *Aspilus* Schaum, 1848 = Coleoptera), Proc. Zool. Soc. London, 1864: 83. – Type species (by monotypy): *Aspilus cariniferus* (Gray, 1856) = *Amyda cartilaginea* (Boddaert, 1770).
- 1873 *Ida* Gray (non *Ida* Gray, 1838 = Sauria; non *Ida* Gray, 1840 = Gastropoda; non *Ida* Robineau-Desvoidy, 1863 = Diptera), Proc. Zool. Soc. London, 1873: 55. – Type species (by monotypy): *Ida ornata* (Gray, 1861) = *Amyda cartilaginea* (Boddaert, 1770).
- 1961 *Amygda* Richter (ex errore), Stuttgarter Beitr. Naturk., 76: 7.

### **Amyda cartilaginea** (Boddaert, 1770)

- 1770 *Testudo cartilaginea* Boddaert, De Testud. cartilag. (Epist. ad W. Roell): plates 1–2. – Designated type locality (Baur 1893b): Java.
- 1779 ? *Testudo membranacea* Blumenbach, Handb. Naturgesch.: 257. – Type locality: Guiana (in error).
- 1787 *Testudo boddaerti* Schneider (nomen novum pro *Testudo cartilaginea* Boddaert, 1770), Erster Beytr. Naturgesch. Schildkr.: 12.
- 1787 *Testudo bodderti* Schneider (ex errore), Erster Beytr. Naturgesch. Schildkr.: plate.
- 1798 *Testudo striata* Suckow [partim; nomen novum pro *Testudo cartilaginea* Boddaert, 1770, *Testudo membranacea* Blumenbach, 1779, *Testudo rostrata* Thunberg, 1787 = *Pelodiscus sinensis* (Wiegmann, 1834) and *Testudo triunguis* Forsskål, 1775 = *Trionyx triunguis* (Forsskål, 1775)], Anfangsgr. Naturgesch. Thiere, 3: 37.
- 1809 *Amyda javanica* Schweigger in Geoffroy Saint-Hilaire (nomen nudum), Nouv. Bull. Sci. Philomen. Paris, 1: 365.
- 1809 *Trionyx javanicus* Geoffroy Saint-Hilaire [non *Trionyx javanicus* Gray, 1831 = *Aspideretes gangeticus* (Cuvier, 1825) and *Aspideretes leithii* (Gray, 1872)], Nouv. Bull. Sci. Philomen. Paris, 1: 365. – Type locality: Java and neighbouring islands.

- 1809 *Trionyx stellatus* Geoffroy Saint-Hilaire (nomen novum pro *Testudo cartilaginea* Boddaert, 1770), *Nouv. Bull. Sci. Philomen. Paris*, 1: 365.
- 1830 *Aspidonectes javanicus* – Wagler, *Natürl. Syst. Amphib.*: 134.
- 1835 *Gymnopus javanicus* – Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 493.
- 1838 *Trionyx stellatus* var. *javanica* – Schlegel, *Faun. Japon., Rept.*: plate 5: fig. 6.
- 1847 *Gymnopus cartilaginea* – Cantor, *J. Asiat. Soc. Bengal*, 16: 615.
- 1856 *Trionyx cariniferus* Gray, *Cat. Shield Rept. Coll. Brit. Mus.*, 1 (Testud.), 1855: 67; plate 32. – Type locality: Moluccas.
- 1861 *Trionyx ornatus* Gray, *Proc. Zool. Soc. London*, 1861: 41; plate 5. – Type locality: Cambodia.
- 1864 *Aspilus cariniferus* – Gray, *Proc. Zool. Soc. London*, 1864: 83.
- 1864 *Aspilus ornatus* – Gray, *Proc. Zool. Soc. London*, 1864: 85.
- 1864 *Aspilus punctulatus* Gray, *Proc. Zool. Soc. London*, 1864: 84. – Type localities: Amboina and Ceram.
- 1864 *Potamochelys stellatus* – Gray, *Proc. Zool. Soc. London*, 1864: 85.
- 1868 *Trionyx phayrei* Theobald, *J. Linn. Soc. (Zool.)*, 10: 18. – Type locality: Arakan Hills, Bassein District, western Pegu, Burma.
- 1869 *Trionyx jeudi* Gray, *Proc. Zool. Soc. London*, 1869: 217; fig. 19. – Type locality: Java?
- 1873 *Aspilus javanicus* – Gray, *Proc. Zool. Soc. London*, 1873: 67.
- 1873 *Ida ornata* – Gray, *Proc. Zool. Soc. London*, 1873: 55.
- 1875 *Trionyx ephippium* Theobald, *Proc. Asiat. Soc. Bengal*, 1875: 177; plate 5: figs a–c. – Type locality: Tenasserim.
- 1889 *Trionyx cartilagineus* – Boulenger, *Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.)*: ix.
- 1889 *Trionyx phayrii* Boulenger (ex errore), *Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.)*: ix.
- 1893 *Aspidonectes cartilagineus* – Baur, *Proc. Amer. Philos. Soc. Philadelphia*, 31: 220.
- 1893 *Aspidonectes phayrei* – Baur, *Proc. Amer. Philos. Soc. Philadelphia*, 31: 220.
- 1904 *Potamochelys cartilagineus* – Hay, *Proc. Amer. Philos. Soc. Philadelphia*, 42, 1903: 269.
- 1904 *Potamochelys javanicus* – Hay, *Proc. Amer. Philos. Soc. Philadelphia*, 42, 1903: 269.
- 1912 *Amyda cartilaginea* – Barbour, *Mem. Mus. Comp. Zool.*, 44: 144.
- 1912 *Amyda phayrii* – Barbour, *Mem. Mus. Comp. Zool.*, 44: 203.
- 1941 *Trionyx boddaertii* Bourret (ex errore), *Tortues de l'Indochine*: 205.
- 1941 *Trionyx carinifera* – Bourret, *Tortues de l'Indochine*: 19.
- 1971 *Trionyx cartilagineus* Thelwall (ex errore), *Zool. Rec., Rept.*, 1969: 87.
- 1974 *Testudo boddaerta* Auffenberg (ex errore), *Bull. Florida State Mus., Biol. Sci.*, 18: 139.
- 1974 *Trionyx cartilaginosis* Auffenberg (ex errore), *Bull. Florida State Mus., Biol. Sci.*, 18: 139.
- 1974 *Trionyx cartilaginosis* Auffenberg (ex errore), *Bull. Florida State Mus., Biol. Sci.*, 18: 139.
- 1979 *Tryonyx cartilagineus* Nutaphand (ex errore), *Turtles of Thailand*: 5.
- 1979 *Trionyx cartilagineus* – Nutaphand, *Turtles of Thailand*: 70.
- 1979 *Trionyx cartilagineus* Nutaphand (ex errore), *Turtles of Thailand*: 208.
- 1979 *Trionyx nakornsrihammarajensis* Nutaphand, *Turtles of Thailand*: 8; figs 139–141. – Type locality: Nakorn Sri Thammaraj Province, Thailand.
- 1987 *Trionyx cartilaginous* Chkhikvadze (ex errore), *Bull. Acad. Sci. Georgian SSR*, 128: 609.
- 1989 *Amyda nakornsrihammarajensis* – Ernst & Barbour, *Turtles of the World*: 110.
- 1989 *Amyda nakornsrihammarajensis* – Stubbs, *Tort. Freshw. Turtl., Action Plan Conserv.*: 6.
- 1990 *Trionyx cartilagineus nakorn* Nutaphand (nomen novum pro *Trionyx nakornsrihammarajensis* Nutaphand, 1979), *Thai Zool. Mag.*, 5 (56): [8].
- 1990 *Trionyx cartilagineus cartilagineus* – Nutaphand, *Thai Zool. Mag.*, 5 (56): [7].
- 1992 *Amyda cartilaginae* Nöllert (ex errore), *Schildkröten*, 2nd ed.: 159.
- 1996 *Trionyx cartilagineus nakorn* – Obst in Wermuth & Mertens, *Schildkr., Krokod., Brückenechs.* (Reprint 1996): 440.
- 1999 *Trionix cartilagineus* – Richard, *Tortug. Reg. árid. Argentina*: 198.
- 2000 *Trionys cartilagineus* – Hà Đình Đức, *Kha co Hoc*, 4: 105.

**Distribution:** From extreme northeastern India (Pawar & Choudhury 2000), the neighbouring northwestern Myanmar (Kuchling et al. 2004) and southern Myanmar eastward to Vietnam and southward through Malaysia to Sumatra, Java and Borneo, Indonesia.

**Apalone Rafinesque, 1832**

- 1817 *Aplaxia* Rafinesque (nomen nudum), Florula Ludoviciana: 166.  
 1832 *Apalone* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Apalone hudsonica* Rafinesque, 1832 = *Apalone spinifera spinifera* (LeSueur, 1827).  
 1832 *Mesodeca* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Type species (by monotypy): *Mesodeca bartrami* Rafinesque, 1832 = *Apalone ferox* (Schneider, 1783).  
 1835 *Platypeltis* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 109. – Subsequently designated type species (Fitzinger 1843): “*Platypeltis ferox* Fitz.” = *Apalone ferox* (Schneider, 1783).  
 1860 *Glatypeltis* Cope (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 1859: 296.  
 1869 *Callinia* Gray, Proc. Zool. Soc. London, 1869: 221. – Subsequently designated type species (Stejneger 1907): *Callinia spinifera* (LeSueur, 1827) = *Apalone spinifera spinifera* (LeSueur, 1827).  
 1944 *Euamyda* Stejneger, Bull. Mus. Comp. Zool., 94: 7. – Type species (by monotypy): *Amyda* (*Euamyda*) *mutica* (LeSueur, 1827) = *Apalone mutica mutica* (LeSueur, 1827).  
 1944 *Platyrettis* Kirsch in Stejneger (ex errore pro *Platypeltis* Fitzinger, 1835), Bull. Mus. Comp. Zool., 94: 8.

**Apalone ferox** (Schneider, 1783)

- 1783 *Testudo ferox* Schneider, Allgem. Naturgesch. Schildkr.: 330. – Restricted type locality (Schwartz 1956): Savannah River (at Savannah), Georgia.  
 1788 *Testudo mollis* Lacépède (nomen novum), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 137.  
 1795 *Testudo (ferox) verrucosa* Schoepff [non *Testudo verrucosa* Suckow, 1798 = *Rhinoclemmys punctularia* (Daudin, 1801)], Allgem. Naturgesch. Schildkr.: 90. – Restricted type locality (Harper 1940): southwestern Putnam Co., between Palatka and Gainesville, Florida.  
 1801 *Testudo bartrami* Daudin (nomen novum pro *Testudo (ferox) verrucosa* Schoepff, 1795), Hist. Natur. Gén. Part. Rept., 2, 1802: 74.  
 1805 *Emydes ferox* – Brongniart, Essai Classif. Natur. Rept.: 27.  
 1809 *Chelys bartramii* Geoffroy Saint-Hilaire (ex errore), Ann. Mus. Hist. Natur., 14: 18.  
 1809 *Trionyx carinatus* Geoffroy Saint-Hilaire, Ann. Mus. Hist. Natur., 14: 14; plate 4. – Designated type locality (Schmidt 1953): east Florida.  
 1809 *Trionyx georgianus* Geoffroy Saint-Hilaire (nomen novum pro *Testudo ferox* Schneider, 1783), Nouv. Bull. Sci. Philomen. Paris, 1: 367.  
 1809 *Trionyx georgicus* Geoffroy Saint-Hilaire (nomen novum pro *Testudo ferox* Schneider, 1783), Ann. Mus. Hist. Natur., 14: 17.  
 1812 *Trionyx brongniarti* Schweigger (nomen novum pro *Trionyx carinatus* Geoffroy Saint-Hilaire, 1809), Königsberg. Arch. Naturwiss. Math., 1: 288.  
 1812 *Trionyx ferox* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 285.  
 1816 *Amyda ferox* – Oken, Lehrbuch Naturgesch., 3: 348.  
 1825 *Trionyx ferox* – Gray, Ann. Philos., (2) 10: 212.  
 1830 *Aspidonectes carinatus* – Wagler, Natürl. Syst. Amphib.: 134.  
 1830 *Aspidonectes ferox* – Wagler, Natürl. Syst. Amphib.: 134.  
 1830 *Trionyx bartrami* – LeConte, Ann. Lyc. Natur. Hist., 8: 96.  
 1831 *Testudo brongniartii* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 18.  
 1832 *Mesodeca bartrami* – Rafinesque, Atlant. J. Friend Knowl., 1: 65.  
 1835 *Testudo bartramii* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 477.  
 1835 *Trionyx brongniartii* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 478.  
 1835 *Trionyx harlani* Bell in Harlan, Med. Phys. Research: 159. – Type locality: east Florida.  
 1843 *Platypeltis ferox* – Fitzinger, Syst. Rept., 1: 30.  
 1854 *Aspidonectes ferox* – LeConte, Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.  
 1904 *Platypeltis brongniartii* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.  
 1904 *Platypeltis ferox* Hay (ex errore), Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 272.  
 1951 *Amyda ferox ferox* – Neill, Publ. Res. Div. Ross Allen’s Rept. Inst. 1 (2): 15.  
 1953 *Trionyx ferox ferox* – Schmidt, Checkl. North Amer. Amphib. Rept., 6th ed.: 108.  
 1987 *Apalone ferox* – Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77.

1999 *Trionix ferox* Richard (ex errore), Tortug. Reg. árid. Argentina: 198.

Distribution: From southern Alabama through peninsular Florida to southern South Carolina, USA.

***Apalone mutica* (LeSueur, 1827)**

Distribution: Central U.S.A.

***Apalone mutica mutica* (LeSueur, 1827)**

- 1822 ? *Trionyx pusilla* Rafinesque (nomen suppressum: Opinion 1820, ICZN 1984), Kentucky Gazette (N.S.), 1 (24): 5. – Type locality: U.S.A.
- 1827 *Trionyx muticus* LeSueur, Mém. Mus. Hist. Natur., 15: 263; plate 7: figs 1a–f. – Type locality: Wabash River, New Harmony, Posey Co., Indiana.
- 1830 *Aspidonectes muticus* – Wagler, Natürl. Syst. Amphib.: 134.
- 1854 *Gymnopus muticus* – Duméril, Bibron & Duméril, Erpétol. gén. Hist. natur. Rept., 9: 236.
- 1857 *Amyda mutica* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392.
- 1864 *Potamochelys microcephalus* Gray, Proc. Zool. Soc. London, 1864: 87. – Restricted type locality (Schmidt 1953): New Harmony, Indiana.
- 1869 *Callinia microcephala* – Gray, Proc. Zool. Soc. London, 1869: 222.
- 1889 *Potamochelys microcephala* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 260.
- 1959 *Trionyx muticus muticus* – Webb, Univ. Kansas Publ., 11: 520.
- 1987 *Apalone mutica* – Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77.
- 1988 *Apalone muticus* – Meylan & Webb, J. Herpetol., 22: 118.
- 1989 *Apalone mutica mutica* – Ernst & Barbour, Turtles of the World: 106.
- 1989 *Apalone mutica mutica* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.
- 1999 *Trionix muticus* – Richard, Tortug. Reg. árid. Argentina: 198.

Distribution: From Ohio to southern Minnesota and South Dakota, southward to Tennessee, Louisiana and Oklahoma and westward to Texas and New Mexico, USA.

***Apalone mutica calvata* (Webb, 1959)**

- 1822 ? *Trionyx pusilla* Rafinesque (nomen suppressum: Opinion 1820, ICZN 1984), Kentucky Gazette (N.S.), 1 (24): 5. – Type locality: U.S.A.
- 1959 *Trionyx muticus calvatus* Webb, Univ. Kansas Publ., 11: 519; plates 13–14. – Type locality: Pearl River, Roses Bluff, 14 miles northeast Jackson, Rankin Co., Mississippi.
- 1989 *Apalone mutica calvata* – Ernst & Barbour, Turtles of the World: 106.
- 1989 *Apalone mutica calvata* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.

Distribution: From eastern Louisiana to the Escambia River system of Alabama and the northwestern Florida, USA.

***Apalone spinifera* (LeSueur, 1827)**

Distribution: Central North America.

***Apalone spinifera spinifera* (LeSueur, 1827)**

- 1822 *Trionyx nasica* Rafinesque (nomen suppressum: Opinion 1820, ICZN 1984), Kentucky Gazette (N.S.), 1 (24): 5. – Type locality: western streams of U.S.A.

- 1827 *Trionyx spiniferus* LeSueur, Mém. Mus. Hist. Natur., 15: 258; plate 6: figs a–g. – Type locality: Wabash River, New Harmony, Posey Co., Indiana.
- 1827 *Trionyx ocellatus* LeSueur [non *Trionyx ocellatus* Gray, 1830 = *Aspideretes hurum* (Gray, 1831)], Mém. Mus. Hist. Natur., 15: 261. – Type locality: Wabash River, New Harmony, Posey Co., Indiana.
- 1832 *Apalone hudsonica* Rafinesque, Atlant. J. Friend Knowl., 1: 64. – Restricted type locality (Webb 1962): Hudson River, near Baker's Falls, Saratoga Co., New York.
- 1835 *Gymnopus spiniferus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 477.
- 1839 *Trionyx annulifer* Wied (nomen novum pro *Trionyx ocellatus* LeSueur, 1827), Reise Nord-Amer., 1: 140.
- 1844 *Tyrse argus* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 48. – Designated type locality (Schmidt 1953): New Harmony, Indiana.
- 1856 *Trionyx annulatus* Gray (ex errore pro *Trionyx annulifer* Wied, 1839), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 69.
- 1856 *Trionyx argus* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 68.
- 1856 *Gymnopus spiniferus* – Duméril, Arch. Mus. Hist. Natur., 7: 203.
- 1857 *Aspidonectes nuchalis* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 402. – Restricted type locality (Schmidt 1953): Cumberland River near Nashville, Tennessee.
- 1857 *Aspidonectes spinifer* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 331.
- 1857 *Gymnopus spinifer* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 277.
- 1857 *Trionyx spinifer* – Agassiz, Contrib. Natur. Hist. U.S.A., 1: 403.
- 1865 *Gymnopus olivaceus* Wied (nomen novum pro *Trionyx ocellatus* LeSueur, 1827), Nova Acta Acad. Caesar. Leopold.-Carol., 32: 55.
- 1869 *Callinia spicifera* Gray (ex errore pro *Trionyx spiniferus* LeSueur, 1827), Proc. Zool. Soc. London, 1869: 222.
- 1870 *Callinia spinifera* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 109.
- 1893 *Platypeltis nuchalis* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.
- 1893 *Platypeltis spinifer* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.
- 1904 *Tyrse spinifera* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1905 *Amyda spinifera* – Hay, Bull. Amer. Mus. Natur. Hist., 21: 141.
- 1907 *Platypeltis spinifera* – Hay, Bull. Amer. Mus. Natur. Hist., 23: 858.
- 1920 *Amyda spinifer* – Potter, Copeia, 1920: 41.
- 1939 *Amyda spinifera spinifera* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 172.
- 1941 *Trionyx spinifera spinifera* – Cagle, Contrib. Mus. Nat. Social Sci. Southern Illinois Normal Univ., 5: 23.
- 1951 *Amyda ferox spinifera* – Neill, Publ. Res. Div. Ross Allen's Rept. Inst., 1 (2): 15.
- 1953 *Trionyx ferox spinifera* – Schmidt, Checkl. North Amer. Amphib. Rept., 6th ed.: 109.
- 1956 *Trionyx spinifer spinifer* – Schwartz, Charleston Mus. Leafl., 26: 11.
- 1961 *Trionyx spiniferus spiniferus* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.
- 1987 *Apalone spinifera* – Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77.
- 1988 *Apalone spiniferus* – Meylan & Webb, J. Herpetol., 22: 118.
- 1989 *Apalone spinifera spinifera* – Ernst & Barbour, Turtles of the World: 104.
- 1989 *Apalone spinifera spinifera* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.
- 1999 *Trionix spiniferus* – Richard, Tortug. Reg. árid. Argentina: 198.

**Distribution:** From southeastern Canada westward to Wisconsin, southward to North Carolina, western Virginia and Tennessee, USA.

#### *Apalone spinifera aspera* (Agassiz, 1857)

- 1857 *Aspidonectes asper* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 402. – Restricted type locality (Webb 1960): Pearl River at Columbus, Marion Co., Mississippi.
- 1888 *Platypeltis agassizii* Baur, Amer. Natural., 22: 1121. – Restricted type locality (Schwartz 1956): Savannah, Savannah River.
- 1892 *Trionyx agassizii* – Hay, Ann. Rept. Indiana Dept. Geol. Natur. Res., 17: 144.
- 1893 *Pelodiscus agassizii* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 218.
- 1893 *Platypeltis asper* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.
- 1899 *Aspidonectes agassizi* Jordan (ex errore), Manual Vertebr. Animals North. U.S.: 206.



- 1924 *Trionyx spiniferus agassizii* – Siebenrock, Verh. zool.-bot. Ges. Wien, 73, 1923: 188.  
 1939 *Amyda agassizii* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 171.  
 1939 *Amyda spinifera aspera* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 4th ed.: 172.  
 1951 *Amyda ferox agassizii* – Neill, Publ. Res. Div. Ross Allen's Rept. Inst., 1 (2): 15.  
 1951 *Amyda ferox aspera* – Neill, Publ. Res. Div. Ross Allen's Rept. Inst., 1 (2): 15.  
 1953 *Trionyx ferox agassizi* – Schmidt, Checkl. North Amer. Amphib. Rept., 6th ed.: 109.  
 1953 *Trionyx ferox aspera* – Schmidt, Checkl. North Amer. Amphib. Rept., 6th ed.: 109.  
 1956 *Trionyx spinifer asper* – Schwartz, Charleston Mus. Leafl., 26: 17.  
 1961 *Trionyx spiniferus asper* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.  
 1976 *Trionyx spiniferus asperus* – Zappalorti, Amateur Zool. Guide Turtl. Crocod.: 186.  
 1985 *Trionyx spiniferous asperus* Anderson (species name ex errore), Guide to Florida Turtles: 47.  
 1989 *Apalone spinifera asper* – Ernst & Barbour, Turtles of the World: 104.  
 1989 *Apalone spinifera asper* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.  
 1990 *Apalone spinifera aspera* – Iverson, Meylan, Pritchard, Seidel & Ward in Collins, SSAR Misc. Publ., Herpetol. Circ., 19: 15.

Distribution: From southeastern Louisiana to southern North Carolina, USA.

#### *Apalone spinifera atra* (Webb & Legler, 1960)

- 1960 *Trionyx ater* Webb & Legler, Univ. Kansas Sci. Bull., 40: 21; plates 1 (top), 2 (top). – Type locality: 16 km south of Cuatro Ciénegas, Coahuila, Mexico.  
 1977 *Trionyx spinifer ater* – Morafka, Biogeographica, 9: 71.  
 1980 *Trionyx spiniferus ater* – Smith & Smith, Synops. Herpetof. Mexico, 6, 1979: 1.  
 1988 *Apalone spinifera ater* – Groombridge, World Checkl. Threat. Amphib. Rept.: 25.  
 1994 *Apalone ater* – David, Dumerilia, 1: 33.  
 1996 *Trionyx spiniferus ater* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 485.  
 2002 *Apalone spiniferus ater* – Ferri, Turtles & Tortoises: 38.  
 2003 *Apalone spinifera atra* – Artner, Emys, 10 (6): xxvi.  
 2004 *Apalone (Apalone) atra* – Vetter, Terralog, Turtles of the World, 2: 9.

Distribution: Cuatro Ciénegas Basin, Coahuila, Mexico.

#### *Apalone spinifera emoryi* (Agassiz, 1857)

- 1857 *Aspidonectes emoryi* Agassiz, Contrib. Natur. Hist. U.S.A., 1: 392; 2: plate 6: figs 4–5, plate 7: fig. 20. – Type locality: lower Rio Grande of Texas, near Brownsville.  
 1862 *Trionyx emoryi* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 54.  
 1870 *Aspidonectes emyda* Gray (ex errore pro *Aspidonectes emoryi* Agassiz, 1857), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 95.  
 1870 *Aspidonectes georgii* Gray (ex errore pro *Aspidonectes emoryi* Agassiz, 1857), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 109.  
 1893 *Platypeltis emoryii* Baur (ex errore), Proc. Amer. Philos. Soc. Philadelphia, 31: 220.  
 1909 *Platypeltis emoryi* – Siebenrock, Zool. Jb., Suppl. 10: 603.  
 1917 *Amyda emoryi* – Stejneger & Barbour, Check List North Amer. Amphib. Rept., 1st ed.: 124.  
 1927 *Amyda emoryii* – Strecker, Copeia, 1927.: 9.  
 1951 *Amyda ferox emoryi* – Neill, Publ. Res. Div. Ross Allen's Rept. Inst., 1 (2): 15.  
 1953 *Trionyx ferox emoryi* – Schmidt, Checklist North Amer. Amphib. Rept., 6th ed.: 109.  
 1956 *Trionyx spinifer emoryi* – Schwartz, Charleston Mus. Leafl., 26: 11.  
 1959 *Trionyx spinifera emoryi* – Minton, Southwest. Natur., 3: 31.  
 1961 *Trionyx spiniferus emoryi* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.  
 1982 *Trionyx spiniferus emoryi* Honegger in Dollinger (ex errore), CITES Fauna Flora Ident. Manual, 3: Code A-301.012.006.001.  
 1989 *Apalone spinifera emoryi* – Ernst & Barbour, Turtles of the World: 104.

- 1989 *Apalone spinifera emoryi* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.  
2004 *Apalone (Apalone) spinifera emoryi* Vetter (ex errore), Terralog, Turtles of the World, 2: 14.

**Distribution:** Rio Grande drainage in Texas and New Mexico and the Colorado River drainages in Arizona, New Mexico, USA, southwestern Chihuahua, central Coahuila, northern Nuevo León and Tamaulipas, Mexico.

#### *Apalone spinifera guadalupensis* (Webb, 1962)

- 1962 *Trionyx spinifer guadalupensis* Webb, Univ. Kansas Publ. Mus. Natur. Hist., 13: 517; plates 41–42. – Type locality: 15 miles northeast Tilden, McMullen Co., Texas.  
1967 *Trionyx spiniferus guadelupensis* Pritchard (ex errore), Living Turtles of the World: 213.  
1973 *Trionyx spiniferus guadalupensis* – Webb, Cat. Amer. Amphib. Rept., 140: 3.  
1989 *Apalone spinifera guadalupensis* – Ernst & Barbour, Turtles of the World: 104.  
1989 *Apalone spinifera guadalupensis* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.  
2004 *Apalone spinifera guadelupensis* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 95.

**Distribution:** South-central Texas, USA.

#### *Apalone spinifera hartwegi* (Conant & Goin, 1948)

- 1948 *Amyda spinifera hartwegi* Conant & Goin, Occ. Pap. Mus. Zool. Univ. Michigan, 510: 1. – Type locality: Wichita, Sedgwick Co., Kansas.  
1951 *Amyda ferox hartwegi* – Neill, Publ. Res. Div. Ross Allen's Rept. Inst., 1 (2): 15.  
1953 *Trionyx ferox hartwegi* – Schmidt, Checklist North Amer. Amphib. Rept., 6th ed.: 110.  
1956 *Trionyx spinifer hartwegi* – Schwartz, Charleston Mus. Leafl., 26: 11.  
1961 *Trionyx spiniferus hartwegi* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.  
1971 *Trionyx spiniferus hartwegi* Curds & Knott (ex errore), Zool. Rec., Rept., 1963: 65.  
1989 *Apalone spinifera hartwegi* – Ernst & Barbour, Turtles of the World: 104.  
1989 *Apalone spinifera hartwegi* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.

**Distribution:** From Montana east to Wisconsin, southward through northeastern New Mexico to northern Louisiana, USA.

#### *Apalone spinifera pallida* (Webb, 1962)

- 1962 *Trionyx spinifer pallidus* Webb, Univ. Kansas Publ. Mus. Natur. Hist., 13: 522; plates 39–40. – Type locality: Lake Caddo, Caddo Parish, Louisiana.  
1967 *Trionyx pallidus* – Pritchard, Living Turtles of the World: 214.  
1967 *Trionyx spiniferus pallidus* – Pritchard, Living Turtles of the World: 213.  
1989 *Apalone spinifera pallida* – Ernst & Barbour, Turtles of the World: 104.  
1989 *Apalone spinifera pallidus* – Stubbs, Tort. Freshw. Turtl., Action Plan Conserv.: 7.

**Distribution:** Southern Oklahoma through northeastern Texas to western Louisiana.

### **Aspideretes** Hay, 1904

- 1904 *Aspideretes* Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 274. – Type species (by original designation): *Aspideretes gangeticus* (Cuvier, 1824).  
1966 *Asperidites* Romer (ex errore), Vertebr. Paleontol.: 366.  
1977 *Aspideretes* Morafka (ex errore), Biogeographica, 9: 160.  
1988 *Asperidetes* Weems (ex errore), Proc. Biol. Soc. Washington, 101: 119.

***Aspideretes gangeticus* (Cuvier, 1825)**

- 1825 *Trionyx gangeticus* Cuvier, Rech. Oss. foss., Ed. 5 (2): 186; plate 11. – Type locality: Ganges River.
- 1831 *Trionyx javanicus* Gray in Griffith & Pidgeon [partim; non *Trionyx javanicus* Geoffroy Saint-Hilaire, 1809 = *Amyda cartilaginea* (Boddaert, 1770)], Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 19. – Type localities: Java (in error) and India.
- 1833 *Aspidonectes gangeticus* – Wagler, Descr. Icon. Amphib.: plate 2.
- 1835 *Gymnopus duvaucelii* Duméril & Bibron [partim; nomen novum pro *Trionyx gangeticus* Cuvier, 1825 and *Trionyx hurum* Gray, 1831 = *Aspideretes hurum* (Gray, 1831)], Erpétol. gén., Hist. natur. Rept., 2: 487.
- 1844 *Tyrse gangetica* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 47.
- 1844 *Tyrse javanica* (partim) – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 47.
- 1873 *Trionyx gangetiga* Gray (ex errore), Proc. Zool. Soc. London, 1873: plate 8.
- 1893 *Isola gangetica* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 221.
- 1904 *Aspideretes gangeticus* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 274.
- 1912 *Trionyx gangeticus mahanaddicus* Annandale, Rec. Ind. Mus., 7: 262. – Restricted type locality (Smith 1931): Cuttack, Orissa.
- 1931 *Gymnopus duvaucelli* Smith (ex errore; partim), Fauna Brit. India, Rept. Amphib., 1: 167.
- 1934 *Amyda gangetica* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1999 *Trionix gangeticus* – Richard, Tortug. Reg. árid. Argentina: 198.

Distribution: Indus, Ganges, Brahmaputra and Mahanadi River systems in easternmost Afghanistan, Pakistan, northern India, southern Nepal, and Bangladesh (Schneider & Djalal 1970, Das 1995, 2001, Praschag & Gemel 2002).

***Aspideretes hurum* (Gray, 1831)**

- 1830 *Trionyx ocellatus* Gray (corrected to *Trionyx ocellatus* in the Directions of Gray 1830–1835) [non *Trionyx ocellatus* LeSueur, 1827 = *Apalone spinifera spinifera* (LeSueur, 1827)], Illustr. Ind. Zool., 1: plate 78. – Restricted type locality (Webb 1980a): Barrackpore, West Bengal, India.
- 1831 *Trionyx hurum* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 18. – Restricted type locality (Webb 1980a): Barrackpore, West Bengal, India.
- 1831 *Testudo chim* Buchanan-Hamilton in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 47.
- 1835 *Gymnopus duvaucelii* Duméril & Bibron [partim; nomen novum pro *Trionyx gangeticus* Cuvier, 1825 = *Aspideretes gangeticus* (Cuvier, 1825) and *Trionyx hurum* Gray, 1831], Erpétol. gén., Hist. natur. Rept., 2: 487.
- 1835 *Gymnopus ocellatus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 489.
- 1872 *Trionyx bellii* Gray, Ann. Mag. Natur. Hist., (4) 10: 337. – Type locality: Asia.
- 1872 *Trionyx sewaare* Gray, Ann. Mag. Natur. Hist., (4) 10: 336. – Type locality: Bengal, India.
- 1874 *Trionyx buchanani* Theobald, Proc. Asiat. Soc. Bengal, 1874: 78. – Type locality: Bengal.
- 1893 *Isola hurum* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 221.
- 1904 *Aspideretes hurum* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 274.
- 1904 *Aspidonectes hurum* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1904 *Tyrse hurum* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1912 *Amyda hurum* – Barbour, Mem. Mus. Comp. Zool., 44: 203.
- 1931 *Gymnopus duvaucelli* Smith (ex errore; partim), Fauna Brit. India, Rept. Amphib., 1: 167.
- 1999 *Trionix hurum* – Richard, Tortug. Reg. árid. Argentina: 198.

Distribution: Indus, Ganges and Brahmaputra River systems of Pakistan, India, Nepal, Bangladesh (Iverson 1992, Khan 2006).

***Aspideretes leithii* (Gray, 1872)**

- 1831 *Trionyx javanicus* Gray in Griffith & Pidgeon [partim; non *Trionyx javanicus* Geoffroy Saint-Hilaire, 1809 = *Amyda cartilaginea* (Boddaert, 1770)], Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 19. – Type localities: Java (in error) and India.

- 1831 *Testudo gotaghol* Buchanan-Hamilton in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 48.  
 1844 *Tyrse javanica* (partim) – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 47.  
 1872 *Aspilus gataghol* Gray, Ann. Mag. Natur. Hist., (4) 10: 339. – Restricted type locality (Webb 1980a): Barrackpore, West Bengal, India.  
 1872 *Trionyx leithii* Gray, Ann. Mag. Natur. Hist., (4) 10: 334. – Type locality: Poonah.  
 1873 *Isola leithii* – Gray, Ann. Mag. Natur. Hist., (4) 12: 157.  
 1904 *Aspideretes leithii* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 274.  
 1915 *Trionyx sulcifrons* Annandale, Rec. Ind. Mus., 11: 341; plate 33: figs 1–2. – Type locality: Nagpur.  
 1931 *Trionyx leithi* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: xxviii.  
 1934 *Amyda leithi* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.  
 1993 *Aspideretes leithi* – Choudhury & Bhupathy, Turtle Trade in India: 10.  
 1996 *Trionys leithii* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 487.  
 1999 *Trionix leithi* – Richard, Tortug. Reg. árid. Argentina: 198.

**Distribution:** Bhavani, Godavari and Moyer River systems of peninsular India.

### ***Aspideretes nigricans* (Anderson, 1875)**

- 1875 *Trionyx nigricans* Anderson, Ann. Mag. Natur. Hist., (4) 16: 284. – Type locality: tanks at Chittagong, Bengal.  
 1934 *Amyda nigricans* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.  
 1987 *Aspideretes nigricans* – Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77.  
 1999 *Trionix nigricans* – Richard, Tortug. Reg. árid. Argentina: 198.

**Distribution:** Tanks at the Hazrat Bayazid Bostami Shrine at Chittagong, Bangladesh (semi-captive population); according to Praschag & Gemel (2002) also Assam, India.

### ***Chitra* Gray, 1844**

- 1844 *Chitra* Gray (non *Chitra* Chamberlin, 1930 = Scorpionida), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 49. – Type species (by monotypy): *Chitra indica* (Gray, 1831).

### ***Chitra chitra* Nutaphand, 1986**

**Distribution:** Mae Klong and Mae Ping River systems of Thailand, Sungei Pahang system of peninsular Malaysia, Pasuruan and Solo River drainages of eastern and central Java (Smith 1931, Kitimasak & Thirakhupt 2002, McCord & Pritchard 2003, Webb & van Dijk 2004).

### ***Chitra chitra chitra* Nutaphand, 1986**

- 1986 *Chitra chitra* Nutaphand (nomen conservandum: Opinion 2119, ICZN 2005), Thai Zool. Mag., 1: 64; fig. – Restricted type locality (McCord & Pritchard 2003): Kanburi (= Kanchanaburi), where the Khwae Noi and the Khwae Yai Rivers join to form the Mae Klong River in Kanchanaburi Province, Thailand.  
 2003 *Chitra chitra chitra* – McCord & Pritchard, Hamadryad, 27, 2002: 29.

**Distribution:** Mae Klong and Mae Ping River systems of Thailand and Sungei Pahang system of peninsular Malaysia (McCord & Pritchard 2003).

### ***Chitra chitra javanensis* McCord & Pritchard, 2003**

- 1911 ? *Chitra selenkae* Jaekel in Selenka & Blanckenhorn (nomen suppressum: Opinion 2119, ICZN 2005), Die *Pithecanthropus*-Schichten auf Java: 80. – Type locality: Java (Pleistocene).

- 2003 *Chitra chitra javanensis* McCord & Pritchard, Hamadryad, 27, 2002: 11; figs 8D, 9D, 10D, 12. – Restricted type locality (Iskandar 2004): Solo River, between Kalitidu and Padangan, Bojonegoro District, East Java.
- 2003 *Chitra chitra javanica* Iskandar & Mumpuni (ex errore), Hamadryad, 27, 2002: 132.
- 2003 *Chitra chitra javaensis* Artner (ex errore), Emys, 10 (6): xxvii.

Distribution: Pasuruan and Solo River drainages of eastern and central Java (McCord & Pritchard 2003).

### ***Chitra indica* (Gray, 1831)**

- 1831 *Trionyx indicus* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 18. – Restricted type locality (Smith 1931): Fatehgahr, Ganges River, India.
- 1831 *Testudo chitra* Buchanan-Hamilton in Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 47.
- 1831 *Trionyx aegyptiacus* var. *indicus* – Gray, Synops. Rept., 1 (Cataphracta): 47.
- 1831 *Trionyx aegyptiacus* var. *indica* – Gray, Illustr. Ind. Zool., 1: plate 80.
- 1832 *Trionyx aegyptianus* var. *indica* – Gray (species name ex errore?), Illustr. Ind. Zool., 1: Directions.
- 1835 *Gymnopus lineatus* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 491. – Restricted type locality (Gray 1864): Fatehgahr, Ganges River, India.
- 1844 *Chitra indica* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 49.
- 1847 *Gymnopus indicus* – Cantor, J. Asiat. Soc. Bengal, 16: 616.
- 1876 *Trionyx lineatus* – Martens, Preuß. Exped. Ost-Asien, Zool. Theil, 1: 196.
- 1890 *Trionyx aegyptianus* var. *indicus* Boulenger (species name ex errore), Rept. Batr., Fauna Brit. India Ceylon Burma: 16.
- 1904 *Aspidonectes indicus* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1980 *Trionyx aegyptianus* var. *indica* Webb (species name ex errore), Amphibia-Reptilia, 1: 63.

Distribution: Indus, Ganges, Brahmaputra and several peninsular rivers systems of India (McCord & Pritchard 2003).

### ***Chitra vandijki* McCord & Pritchard, 2003**

- 2002 *Chitra burmanica* Jaruthanin (nomen nudum), Fish Zone (Bangkok), 3 (19): 40.
- 2003 *Chitra vandijki* McCord & Pritchard, Hamadryad, 27, 2002: 11; figs 8B, 9B, 10B, 11. – Type locality: Khayansat Kone Village (23°16.30'N 95°58.99'E) on the Ayeyarwady (Irrawaddy) River, Myanmar.

Distribution: Ayeyarwady (Irrawaddy) River Basin (McCord & Pritchard 2003) and Thanklwin (Salween) River, Myanmar, adjoining Thailand (P.P. van Dijk, pers. comm.).

### ***Cyclanorbis* Gray, 1854**

- 1835 *Cryptopus* Duméril & Bibron (non *Cryptopus* Latreille, 1829 = Crustacea), Erpétol. gén., Hist. natur. Rept., 2: 499. – Subsequently designated type species (Bour et al. 1995): *Cryptopus senegalensis* Duméril & Bibron, 1835 = *Cyclanorbis senegalensis* (Duméril & Bibron, 1835).
- 1854 *Cyclanorbis* Gray, Proc. Zool. Soc. London, 1852: 135. – Type species (by monotypy): *Cyclanorbis petersii* Gray, 1854 = *Cyclanorbis senegalensis* (Duméril & Bibron, 1835).
- 1856 *Cryptopodus* Duméril (ex errore), Rev. Mag. Zool., (2) 8: 374.
- 1856 *Cyclanosteus* Gray, Proc. Zool. Soc. London, 1855: 201. – Subsequently designated type species (Günther 1865): *Cyclanosteus petersii* (Gray, 1854) = *Cyclanorbis senegalensis* (Duméril & Bibron, 1835).
- 1865 *Tetrathyra* Gray, Proc. Zool. Soc. London, 1865: 323. – Type species (by monotypy): *Tetrathyra baikii* Gray, 1865 = *Cyclanorbis senegalensis* (Duméril & Bibron, 1835).
- 1869 *Baikiea* Gray, Proc. Zool. Soc. London, 1869: 222. – Type species (by monotypy): *Baikiea elegans* Gray, 1869 = *Cyclanorbis elegans* (Gray, 1869).

***Cyclanorbis elegans* (Gray, 1869)**

- 1869 *Baikiea elegans* Gray, Proc. Zool. Soc. London, 1869: 222; plate 15: fig. 2. – Restricted type locality (Webb 1975): Niger River drainage, West Africa.
- 1889 *Cyclanorbis elegans* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.
- 1902 *Cyclanorbis oligotylus* Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 111: 810; fig. 17. – Type locality: Nubia (Upper Nile).

Distribution: Central Africa, from Ghana to Sudan.

***Cyclanorbis senegalensis* (Duméril & Bibron, 1835)**

- 1835 *Cryptopus senegalensis* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 504. – Type locality: Senegal.
- 1844 *Emyda senegalensis* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 47.
- 1854 *Cyclanorbis petersii* Gray, Proc. Zool. Soc. London, 1852: 135. – Type locality: Gambia River, West Africa.
- 1856 *Cyclanosteus petersii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 64.
- 1860 *Cycloderma senegalense* Duméril (ex errore), Arch. Mus. Hist. Natur., 10: 168.
- 1862 *Cycloderma petersii* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 56.
- 1864 *Cyclanosteus senegalensis* – Gray, Proc. Zool. Soc. London, 1864: 95.
- 1865 *Tetrathyra baikii* Gray, Ann. Mag. Natur. Hist., (3) 16: 205, fig. – Restricted type locality (Webb 1975): Niger River drainage, West Africa.
- 1865 *Cyclanosteus senegalensis* var. *callosa* Gray, Proc. Zool. Soc. London, 1865: 423; fig. 1. – Type locality: Niger River, West Africa.
- 1865 *Cyclanosteus senegalensis* var. *equilifera* Gray, Proc. Zool. Soc. London, 1865: 423; fig. 2. – Type locality: Niger River, West Africa.
- 1865 *Cyclanosteus senegalensis* var. *normalis* Gray, Proc. Zool. Soc. London, 1865: 423. – Type locality: Niger River, West Africa.
- 1884 *Tetrathyra vaillantii* Rochebrune, Faune Sénégal, Rept.: 36; plate 4: figs 1–2. – Type locality: Senegal.
- 1889 *Cyclanorbis senegalensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.

Distribution: Central Africa, from Senegal to Sudan.

***Cycloderma* Peters, 1854**

- 1854 *Cycloderma* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1854: 216. – Type species (by monotypy): *Cycloderma frenatum* Peters, 1854.
- 1860 *Heptathyra* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1859: 294. – Type species (by monotypy): *Heptathyra aubryi* (Duméril, 1856) = *Cycloderma aubryi* (Duméril, 1856).
- 1860 *Aspidochelys* Gray, Proc. Zool. Soc. London, 1860: 6. – Type species (by monotypy): *Aspidochelys livingstonii* Gray, 1860 = *Cycloderma frenatum* Peters, 1854.
- 1873 *Aspidochelis* Marshall (ex errore), Nomencl. zool.: 44.

***Cycloderma aubryi* (Duméril, 1856)**

- 1856 *Cryptopus aubryi* Duméril, Rev. Mag. Zool., Paris, (2) 8: 384; plate 20. – Type locality: Gabon.
- 1856 *Cryptopodus aubryi* – Duméril, Rev. Mag. Zool., Paris, (2) 8: 374.
- 1860 *Cycloderma aubryi* – Duméril, Arch. Mus. Hist. Natur., 10: 166.
- 1860 *Heptathyra aubryi* – Cope, Proc. Acad. Natur. Sci. Philadelphia, 1859: 294.

Distribution: Central African Republic, Gabon, Cabinda, Congo-Brazzaville, and the Democratic Republic of Congo.

***Cycloderma frenatum* Peters, 1854**

- 1854 *Cycloderma frenatum* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1854: 216. – Type locality: Zambezi River, Mozambique.
- 1856 *Cyclanosteus frenatus* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 64.
- 1860 *Aspidochelys livingstonii* Gray, Proc. Zool. Soc. London, 1860: 6; plate 22: figs 1–2. – Type locality: tributaries of the Zambezi River, Mozambique.
- 1864 *Heptathyra frenata* – Gray, Proc. Zool. Soc. London, 1864: 94.
- 1864 *Heptathyra livingstonii* – Gray, Proc. Zool. Soc. London, 1864: 94.

**Distribution:** From the Rufiji River basin in Tanzania to the Save River basin in Mozambique and southeastern Zimbabwe.

***Dogania* Gray, 1844**

- 1844 *Dogania* Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 49. – Type species (by monotypy): *Dogania subplana* (Geoffroy Saint-Hilaire, 1809).
- 1856 *Dagonia* Gray (ex errore), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 67.
- 1869 *Sarbieteria* Gray, Proc. Zool. Soc. London, 1869: 211. – Type species (by monotypy): *Sarbieteria frenata* (Gray, 1856) = *Dogania subplana* (Geoffroy Saint-Hilaire, 1809).
- 1996 *Dogonia* Ulber in Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept. (Reprint 1996): iii.

***Dogania subplana* (Geoffroy Saint-Hilaire, 1809)**

- 1809 *Trionyx subplanus* Geoffroy Saint-Hilaire, Ann. Mus. Hist. Natur., 14: 11; plate 5: fig. 2. – Type locality: unknown.
- 1835 *Gymnopus subplanus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 496.
- 1843 *Amyda subplana* – Fitzinger, Syst. Rept., 1: 30.
- 1844 *Dogania subplana* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 49.
- 1856 *Trionyx frenatus* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 67. – Type locality: Singapore.
- 1862 *Dogania guentheri* Gray, Proc. Zool. Soc. London, 1862: 265. – Type locality: India.
- 1864 *Trionyx guentheri* – Günther, Rept. Brit. India: 49.
- 1864 *Potamochelys frenatus* – Gray, Proc. Zool. Soc. London, 1864: 87.
- 1869 *Sarbieteria frenata* – Gray, Proc. Zool. Soc. London, 1869: 220.
- 1873 *Trionyx dillwynii* Gray, Ann. Mag. Natur. Hist., (4) 11: 306. – Type locality: Borneo.
- 1890 *Trionyx vertebralis* Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 113; plate 3: figs 3–4. – Restricted type locality (Wermuth & Mertens 1961): south Asia.
- 1895 *Trionyx pecki* Bartlett, Sarawak Gazette, 1 February 1895: 30. – Type locality: Borneo.
- 1931 *Dogania guntheri* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 164.
- 1979 *Dogania subprana* Nutaphand (ex errore), Turtles of Thailand: 57.
- 1988 *Dogania subplanus* – Gaffney & Meylan in Benton, Phylog. Classif. Tetrapods, 1: 196.
- 1990 *Trionyx subprana* – Nutaphand, Thai Zool. Mag., 5 (56): [5].
- 1999 *Trionix subplanus* – Richard, Tortug. Reg. árid. Argentina: 198.

**Distribution:** From southern Myanmar and Thailand southward through Malaysia to Sumatra, Java and Borneo, Indonesia (Ernst et al. 2000); Palawan, Philippines (P.P. van Dijk, pers. comm.).

***Lissemys* Smith, 1931**

- 1831 *Emyda* Gray in Griffith & Pidgeon (non *Emyda* Rafinesque, 1815 = *Emys* Duméril, 1806), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 19. – Type species (by monotypy): *Emyda punctata* (Lacépède, 1788) = *Lissemys punctata punctata* (Lacépède, 1788).
- 1931 *Lissemys* Smith (nomen novum), Fauna Brit. India, Rept. Amphib., 1: xxviii.

***Lissemys punctata* (Lacépède, 1788)**

**Distribution:** Eastern Pakistan, Sikkim, southeastern Nepal, Bangladesh, western Myanmar, India, Sri Lanka.

***Lissemys punctata punctata* (Lacépède, 1788)**

- 1788 *Testudo punctata* Lacépède [non *Testudo punctata* Schoepff, 1792 = *Clemmys guttata* (Schneider, 1792)], Hist. natur. Quadrup. ovip., 1 (Synops. method.): 171; plate 11. – Restricted type locality (Webb 1980b): Pondicherry, South Arcot District, Tamil Nadu, India.
- 1798 *Testudo granulosa* Suckow (nomen novum), Anfangsgr. Naturgesch. Thiere, 3: 48.
- 1801 *Testudo scabra* Latreille in Sonnini & Latreille [nomen novum pro *Testudo punctata* Lacépède, 1788; non *Testudo scabra* Linnaeus, 1758 = *Melanochelys trijuga trijuga* (Schweigger, 1812) or *Rhinoclemmys punctularia punctularia* (Daudin, 1801)], Hist. natur. Rept., 1: 164.
- 1801 *Testudo granosa* Schoepff, Hist. Testud. Icon. illustr.: 127; plates 29b, 30a. – Type locality: coast of Coromandel.
- 1801 *Testudo granulata* Daudin (nomen novum pro *Testudo punctata* Lacépède, 1788), Hist. Natur. Gén. Part. Rept., 2, 1802: 81.
- 1809 *Trionyx coromandelicus* Geoffroy Saint-Hilaire (nomen novum pro *Testudo granosa* Schoepff, 1801), Ann. Mus. Hist. Natur., 14: 16.
- 1812 *Trionyx granosus* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 288.
- 1831 *Trionyx (Emyda) punctatus* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 19.
- 1831 *Emyda punctata* – Gray, Synops. Rept., 1 (Cataphracta): 49.
- 1832 *Trionyx punctata* – Gray, Illustr. Ind. Zool., 2: plate 63.
- 1835 *Cryptopus granosus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 501.
- 1854 *Emyda vittata* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1854: 216. – Type locality: Goa.
- 1856 *Emyda ceylonensis* Gray, Proc. Zool. Soc. London, 1855: 201. – Type locality: Ceylon.
- 1862 *Emyda granosa* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 57.
- 1876 *Emyda dura* Anderson (nomen nudum), J. Linn. Soc. (Zool.), 12: 514.
- 1906 *Emyda granosa* var. *vittata* – Annandale, Proc. Asiat. Soc. Bengal, 1906: 203.
- 1909 *Emyda [granosa] granosa* – Siebenrock, Zool. Jb., Suppl. 10: 591.
- 1912 *Emyda granosa ceylonensis* – Annandale, Rec. Ind. Mus., 7: 172.
- 1912 *Emyda granosa intermedia* Annandale, Rec. Ind. Mus., 7: 172; plate 6: fig. 3. – Type locality: vicinity of Purulia, Manbhum District.
- 1931 *Lissemys punctata punctata* – Smith (non *Lissemys punctata punctata* sensu Webb 1980b), Fauna Brit. India, Rept. Amphib., 1: xxviii.
- 1931 *Lissemys punctata granosa* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxviii.
- 1934 *Trionyx punctatus granosus* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1934 *Trionyx punctatus punctatus* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1968 *Lissemys punctata garnosa* Rhodes & Dadd (ex errore), Zool. Rec., Rept., 1965: 61.

**Distribution:** Peninsular India and Sri Lanka.

**Comment:** Until 1980 the name *Lissemys punctata granosa* (Schoepff, 1801) was used for this subspecies (Webb 1980b).

***Lissemys punctata andersoni* Webb, 1980**

- 1980 *Lissemys punctata andersoni* Webb, Bull. Mus. Nat. Hist. Natur., (4) 2 A: 554; fig. 2. – Type locality: Belbari, Terai, southeastern Nepal.
- 2003 *Lissemys punctata andersonii* Artner (ex errore), Emys, 10 (6): xxviii.
- 2004 *Lissemys andersoni* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 95.

**Distribution:** Indus, Ganges and Brahmaputra drainages in eastern Pakistan, northern India, Sikkim, southeastern Nepal, Bangladesh and western Myanmar.



Comment: Until 1980 the name *Lissemys punctata punctata* (Lacépède, 1788) was used for this subspecies (Webb 1980b).

### *Lissemys scutata* (Peters, 1868)

- 1868 *Emyda scutata* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1868: 449. – Type locality: Pegu.  
 1873 *Emyda fuscomaculata* Gray, Ann. Mag. Natur. Hist., (4) 11: 308. – Type locality: Pegu.  
 1912 *Emyda granosa scutata* – Annandale, Rec. Ind. Mus., 7: 173.  
 1931 *Lissemys punctata scutata* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxviii.  
 1934 *Trionyx punctatus scutatus* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.  
 1982 *Lissemys scutata* – Webb, Amphibia-Reptilia, 3: 180.

Distribution: Ayeyarwady (Irrawaddy), Sittaung and Thanklwin (Salween) Rivers of Myanmar, extreme western Thailand, perhaps also Yunnan, China (Kuchling 1995, Thirakhupt & van Dijk 1995, van Dijk 1998).

Comment: *Lissemys scutata* (Peters, 1868) is considered as a subspecies of *L. punctata* (Lacépède, 1788) by Ernst & Barbour (1989), Das (1991, 1995, 2001) and Ernst et al. (2000), in agreement with Smith (1931) and Webb (1980b).

### *Nilssonina* Gray, 1872

- 1872 *Nilssonina* Gray, Ann. Mag. Natur. Hist., (4) 10: 332. – Type species (by monotypy): *Nilssonina formosa* (Gray, 1869).  
 1873 *Isola* Gray, Proc. Zool. Soc. London, 1873: 51. – Type species (by monotypy): *Isola peguensis* Gray, 1873 = *Nilssonina formosa* (Gray, 1869).

### *Nilssonina formosa* (Gray, 1869)

- 1869 *Trionyx formosus* Gray, Proc. Zool. Soc. London, 1869: 217; plate 15: fig. 1. – Type locality: Pegu.  
 1870 *Trionyx peguensis* Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 99. – Type locality: Pegu.  
 1872 *Nilssonina formosa* – Gray, Ann. Mag. Natur. Hist., (4) 10: 333.  
 1873 *Isola peguensis* – Gray, Proc. Zool. Soc. London, 1873: 51.  
 1875 *Trionyx grayii* Theobald, Proc. Asiat. Soc. Bengal, 1875: 176; plate 3. – Type locality: near Thayetmyo, Burma.  
 1893 *Aspidonectes formosus* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.  
 1904 *Isola formosa* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.  
 1923 *Trionyx formosa* – Gadow, Amphibia and Reptiles: 411.  
 1929 *Amyda formosus* – Mell, Beitr. Fauna Sinica, 4: 238.  
 1931 *Trionyx grayi* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 173.  
 1934 *Amyda formosa* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.  
 1993 *Trionyx formosus* Gosławski & Hryniewicz (ex errore), Żółwie: 66.  
 1995 *Trionyx formosanus* Jenkins (ex errore), Tort. Freshw. Turtl., Trade Southeast Asia: 8.  
 1999 *Trionyx formosus* – Richard, Tortug. Reg. árid. Argentina: 198.

Distribution: Ayeyarwady (Irrawaddy), Sittaung and Thanklwin (Salween) River systems of Myanmar.

### *Palea* Meylan, 1987

- 1987 *Palea* Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77. – Type species (by original designation): *Palea steindachneri* (Siebenrock, 1906).

***Palea steindachneri* (Siebenrock, 1906)**

- 1889 *Aspidonectes californiana* Rivers (nomen suppressum: Opinion 1236, ICZN 1982), Proc. California Acad. Sci., (2) 2: 233. – Type locality: Sacramento River, near the city of Sacramento (in error).  
1893 *Pelodiscus californianus* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.  
1904 *Aspidonectes californiensis* Hay (ex errore), Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 273.  
1906 *Trionyx steindachneri* Siebenrock (nomen conservandum: Opinion 1236, ICZN 1982), Zool. Anz., 30: 578; fig. – Type locality: Kaukong River, Hainan Island, China.  
1927 *Amyda steindachneri* – Schmidt, Bull. Amer. Mus. Natur. Hist., 54: 399.  
1987 *Palea steindachneri* – Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77.  
1999 *Trionyx steindachneri* – Richard, Tortug. Reg. árid. Argentina: 198.  
2001 *Pelodiscus steindachneri* – Pritchard, Chelon. Conserv. Biol., 4: 8.

**Distribution:** Southeastern China (including Hainan Island), northern Vietnam; introduced into the Hawaiian Islands and Mauritius.

***Pelochelys* Gray, 1864**

- 1864 *Pelochelys* Gray, Proc. Zool. Soc. London, 1864: 89. – Subsequently designated type species (Günther 1865): *Pelochelys cantorii* Gray, 1864.  
1997 *Pelochelys* Zhao (ex errore), Sichuan J. Zool., 15 (Suppl.): 55.

***Pelochelys bibroni* (Owen, 1853)**

- 1853 *Trionyx (Gymnopus) bibroni* Owen, Descr. Cat. Osteol. Ser. Mus. Royal Coll. Surg., 1: 185. – Designated type locality (Webb 1995): Laloki River, Astrolabe Range, 40 miles [approx. 65 km] from its entry into Redscar Bay (9°20'S 147°14'E), Central District, Papua New Guinea.  
1864 *Pelochelys bibronii* Gray (ex errore), Proc. Zool. Soc. London, 1864: 90.  
1930 *Pelochelys bibroni* – Smith, Bull. Raffles Mus., 3: v.  
1930 *Triinyx bibroni* – Smith, Bull. Raffles Mus., 3: 3.

**Distribution:** Southern New Guinea from Setakwa River in Irian Jaya, Indonesia to Brown-Laloki River system in Papua New Guinea (Webb 1995, 2003).

***Pelochelys cantorii* Gray, 1864**

- 1864 *Pelochelys cantorii* Gray, Proc. Zool. Soc. London, 1864: 90; figs 9–10. – Type locality: Malacca.  
1864 *Pelochelys cumingii* Gray, Proc. Zool. Soc. London, 1864: 90. – Type locality: Philippines.  
1889 *Pelochelys cantoris* Boulenger (nomen novum), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
1886 *Chitra indica* var. *cumingii* Boettger (ex errore), Ber. Senckenb. naturforsch. Ges., 1886: 93.  
1890 *Pelochelys poljakowii* Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 118; plate 4: figs 1–3. – Type locality: Fu-tschau [Fuzhou Shi], Fujian Province, China.  
1931 *Pelochelys cumingii* Smith (ex errore), Fauna Brit. India, Rept. Amphib., 1: 161.  
1967 *Pelochelys cantori* Pritchard (ex errore), Living Turtles of the World: 211.

**Distribution:** From coastal eastern India to southern China (including Hainan Island) and Vietnam southward through Malaysia to western Indonesia (including Java and Borneo) and, perhaps, the Philippines (Webb 1995, 2003).

***Pelochelys signifera* Webb, 2003**

- 2003 *Pelochelys signifera* Webb, Hamadryad, 27, 2002: 100; fig. 1A. – Type locality: Wanggar River, Weyland Range, Geelvinck Bay, N. New Guinea (Papua Province, Indonesia).

**Distribution:** Lowlands of northern New Guinea, extending from the Madang Region in Papua New Guinea (Sepik and Ramu River drainages) westward to the Wanggar River (Nabire Region, southern shore of Cenderawasih Bay) in Irian Jaya, Indonesia (Webb 2003).

***Pelodiscus* Fitzinger, 1835**

- 1835 *Pelodiscus* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 110. – Subsequently designated type species (Fitzinger 1843): “*Pelodiscus sinensis* Fitz.” = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1869 *Landemania* Gray, Proc. Zool. Soc. London, 1869: 211. – Type species (by monotypy): *Landemania irrorata* Gray, 1869 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1876 *Landemania* Theobald (ex errore), Descript. Cat. Rept. Brit. India: 28.
- 1880 *Ceramopelta* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 33. – Type species (by monotypy): *Ceramopelta latirostris* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Cinctisternum* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 36. – Type species (by monotypy): *Cinctisternum bicinctum* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Coelognathus* Heude (non *Coelognathus* Fitzinger, 1843 = Serpentes; non *Coelognathus* Hessling, 1852 = Acarina), Mém. concern. Hist. Natur. Empire Chin., 1: 29. – Type species (by monotypy): *Coelognathus novemcostatus* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Coptopelta* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 34. – Type species (by monotypy): *Coptopelta septemcostata* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Gomphopelta* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 27. – Type species (by monotypy): *Gomphopelta officinae* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Landmania* Heude (ex errore), Mém. concern. Hist. Natur. Empire Chin., 1: 24.
- 1880 *Psilogonathus* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 24. – Type species (by monotypy): *Psilogonathus laevis* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Temnognathus* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 25. – Type species (by monotypy): *Temnognathus mordax* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1880 *Tortisternum* Heude, Mém. concern. Hist. Natur. Empire Chin., 1: 31. – Type species (by monotypy): *Tortisternum novemcostatum* Heude, 1880 = *Pelodiscus sinensis* (Wiegmann, 1834).
- 1884 *Landemania* Scudder (ex errore), Nomencl. Zool., Index Univ.: 167.
- 1889 *Temnognanthis* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 256.

***Pelodiscus axenaria* (Zhou, Zhang & Fang, 1991)**

- 1991 *Trionyx axenaria* Zhou, Zhang & Fang, Acta Sci. Nat. Univ. Norm. Hunan., 14: 382; fig. 1. – Type locality: Taoyuan, Pingjiang, Rucheng, Lingling, Shaoyang Counties, Hunan Province, China.
- 1994 *Pelodiscus axenaria* – David, Dumerilia, 1: 35.
- 2002 *Pelodiscus axenarius* – Bour in Bour et al., Atlas Terrariophil., 2, Tortues: 9.

**Distribution:** Hunan Province, China (Zhou et al. 1991).

**Comment:** Distinctness of this species was recently corroborated by mtDNA data (Chen et al. 2005, 2006).

***Pelodiscus maackii* (Brandt, 1857)**

- 1857 *Trionyx maackii* Brandt, Bull. Acad. impér. Sci. St. Pétersbourg, 16, 1858: 110. – Type locality: rivers south of the Amur River, namely Sungari and Ussuri Rivers and course of the Amur River between the Sungari and Ussuri Rivers.

- 1907 *Amyda maackii* – Stejneger, Bull. U.S. Nat. Mus., 58: 529.  
 1914 *Trionyx maachii* Stanley (ex errore), J. N. China Br. Soc., 45: 23.  
 1987 *Trionyx maaki* Chkhikvadze (ex errore), Bull. Acad. Sci. Georgian SSR, 128: 610.  
 1994 *Pelodiscus maackii* – David, Dumerilia, 1: 35.

Distribution: Amur, Ussuri, Sungari and Liao-che River systems in the Russian Far East, northeastern China, Democratic Republic of Korea and South Korea (Chkhikvadze 1987).

### *Pelodiscus parviformis* Tang, 1997

- 1997 *Pelodiscus parviformis* Tang, Zool. Res. (Kunming), 18: 13; figs 1–2. – Type localities: Quanzhou, Xing'an, Guanyang, Ziyuan, Lingchuan Counties of Guangxi Autonomous Region and Dong'an, Qiyang, Daoxian Counties of Hunan Province.

Distribution: Guangxi Autonomous Region and Hunan Province, China (Tang 1997).

### *Pelodiscus sinensis* (Wiegmann, 1834)

- 1787 *Testudo rostrata* Thunberg (nomen suppressum: Opinion 1659, ICZN 1991), Kongl. Vetensk. Akad. Handl., 8: 179; plate 7: figs 2–3. – Type locality: unknown.  
 1798 *Testudo striata* Suckow [partim; nomen novum pro *Testudo cartilaginea* Boddaert, 1770 = *Amyda cartilaginea* (Boddaert, 1770), *Testudo membranacea* Blumenbach, 1779 = *Amyda cartilaginea* (Boddaert, 1770)?, *Testudo rostrata* Thunberg, 1787 and *Testudo triunguis* Forsskål, 1775 = *Trionyx triunguis* (Forsskål, 1775)], Anfangsgr. Naturgesch. Thiere, 3: 37.  
 1804 *Testudo semimembranacea* Hermann (nomen suppressum et reiectum: Opinion 660, ICZN 1963), Observ. Zool.: 219. – Type locality: Japan.  
 1805 *Emydes rostrata* – Brongniart, Essai Classif. Natur. Rept.: 27.  
 1834 *Trionyx (Aspidonectes) sinensis* Wiegmann (nomen conservandum: Opinion 660, ICZN 1963 and Opinion 1659, ICZN 1991), Nova Acta Acad. Caesar. Leopold.-Carol., 17, 1835: 189. – Type locality: rice field on a small island, Tiger River, near Macao [Aomen], China.  
 1835 *Trionyx japonicus* – Temminck & Schlegel in Siebold, Fauna Japon., Rept.: 139.  
 1835 *Trionyx stellatus* var. *japonica* Temminck & Schlegel in Siebold, Fauna Japon. Rept.: plate 5: fig. 7. – Type locality: Japan.  
 1842 *Trionyx tuberculatus* Cantor, Ann. Mag. Natur. Hist., (1) 9: 482. – Type locality: Chusan [Zhousan Island, Zhejiang Province], China.  
 1843 *Pelodiscus sinensis* – Fitzinger, Syst. Rept., 1: 30.  
 1844 *Tyrse perocellata* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 48. – Type locality: Canton [Guangzhou Shi], Guandong Province, China.  
 1856 *Trionyx perocellatus* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 65.  
 1857 *Trionyx schlegelii* Brandt, Bull. Acad. impér. Sci. St. Pétersbourg, 16, 1858: 111. – Type locality: Beijing, China.  
 1864 *Potamochelys perocellatus* – Gray, Proc. Zool. Soc. London, 1864: 86.  
 1864 *Potamochelys tuberculatus* – Gray, Proc. Zool. Soc. London, 1864: 87.  
 1869 *Landemania irrorata* Gray, Proc. Zool. Soc. London, 1869: 216; fig. 18. – Type locality: Shanghai, China.  
 1869 *Landemania perocellata* – Gray, Proc. Zool. Soc. London, 1869: 216.  
 1869 *Trionyx peroculatus* Günther in Gray (ex errore), Proc. Zool. Soc. London, 1869: 216.  
 1872 *Gymnopus perocellatus* – David, Bull. N. Arch. Mus., 8: 37.  
 1875 *Gymnopus simonii* David (nomen nudum), J. Trois. Voy. Chine, 2: 214.  
 1880 *Ceramopelta latirostris* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 33; plate 7. – Type locality: vicinity of Ngang-k'ing [Anqing Shi], Anhui Province, China.  
 1880 *Cinctisternum binctum* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 37; plate 9. – Type locality: irrigation channel of Ngang-k'ing [Anqing Shi], Anhui Province, China.  
 1880 *Coelognathus novemcostatus* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 29; plate 5. – Type locality: eastern extremity of Tch'ao [Lake Chao], Anhui Province, China.

- 1880 *Coptopelta septemcostata* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 35; plate 8. – Type locality: lakes of Tong-lieou [Dongliu], Anhui Province, China.
- 1880 *Gomphopelta officinae* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 27; plate 4. – Type localities: Houai [Huai River], Ho-nan [Henan Province] and Mé-k'eng Lake, Anhui or Jiangsu Province, China.
- 1880 *Psilogmathus laevis* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 24; plate 2. – Type locality: mountain stream south of Ning-kouo fou [Ningguo Co.], Anhui Province, China.
- 1880 *Temnognathus mordax* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 26; plate 3. – Type locality: vicinity of Shanghai, China.
- 1880 *Tortisternum novemcostatum* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 31; plate 6. – Type locality: Tch'ao [Lake Chao], Anhui Province, China.
- 1889 *Temnognathus mordax* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 256.
- 1897 *Trionyx cartilagineus* var. *newtoni* Bethencourt-Ferreira, J. Sci. Math. Phys. Natur. Lisboa, (2) 5: 114. – Type locality: Timor.
- 1897 *Trionyx sinensis newtoni* – Bethencourt-Ferreira, J. Sci. Math. Phys. Natur. Lisboa, (2) 5: 151.
- 1904 *Tyrse sinensis* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1907 *Amyda japonica* – Stejneger, Bull. U.S. Nat. Mus., 58: 515.
- 1907 *Amyda schlegelii* – Stejneger, Bull. U.S. Nat. Mus., 58: 526.
- 1907 *Amyda sinensis* – Stejneger, Bull. U.S. Nat. Mus., 58: 524.
- 1927 *Amyda tuberculata* – Schmidt, Bull. Amer. Mus. Natur. Hist., 54: 473.
- 1931 *Trionyx sinensis sinensis* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxviii.
- 1931 *Trionyx sinensis tuberculatus* – Smith, Fauna Brit. India, Rept. Amphib., 1: xxviii.
- 1932 *Amyda schlegelii haseri* Pavlov, Publ. Mus. Hoang ho Pai ho Tien Tsin, 13: 27. – Type locality: Tzu ya ho River [Ziya He] near Sienhien [Xian Co.], central Chili [Hebei Province], China.
- 1932 *Amyda schlegelii licenti* Pavlov, Publ. Mus. Hoang ho Pai ho Tien Tsin, 13: 28. – Type locality: Tientsin [Tianjin], China.
- 1933 *Amyda schlegelii* var. *laoshanica* Pavlov, Publ. Mus. Hoang ho Pai ho Tien Tsin, 23: 3. – Type locality: Chantong, Laoshan, near Tsingtao [Qingdao Shi], Shandong Province, China.
- 1934 *Amyda sinensis sinensis* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1934 *Amyda sinensis tuberculata* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1987 *Trionyx schlegelii* Chkhikvadze (ex errore), Bull. Acad. Sci. Georgian SSR, 128: 610.
- 1999 *Trionyx sinensis* – Richard, Tortug. Reg. árid. Argentina: 198.
- 2000 *Pelodiscus siensis* Hà Đình Đức (ex errore), Kha co Hoc, 4: 105.
- 2002 *Pelodiscus sinensis sinensis* – Ferri, Turtles & Tortoises: 249.
- 2002 *Pelodiscus sinensis tuberculatus* – Ferri, Turtles & Tortoises: 249.
- 2004 *Pelodiscus sinensis japonicus* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 124.

**Distribution:** From central China southwestward to Vietnam, Hainan and Taiwan islands. Introduced into the Hawaiian Islands, Mariana Islands, Bonin Islands, Timor, Japan (Zhao & Adler 1993, Ernst et al. 2000), Cebu and Luzon (Philippines; Webb 2003).

## **Rafetus** Gray, 1864

- 1864 *Rafetus* Gray, Proc. Zool. Soc. London, 1864: 81. – Type species (by monotypy): *Rafetus euphraticus* (Daudin, 1801).
- 1873 *Oscaria* Gray (non *Oscaria* Vosmaer, 1881 = Porifera), Ann. Mag. Natur. Hist., (4) 12: 157. – Type species (by monotypy): *Oscaria swinhoei* Gray, 1873 = *Rafetus swinhoei* (Gray, 1873).
- 1880 *Rafetus* Heude (ex errore), Mém. concern. Hist. natur. Emp. Chin., 1: 20.
- 1880 *Yuen* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 18. – Subsequently designated type species (Stejneger 1907): *Yuen leprosus* Heude, 1880 = *Rafetus swinhoei* (Gray, 1873).

### ***Rafetus euphraticus*** (Daudin, 1801)

- 1801 *Testudo euphratica* Daudin, Hist. Natur. Gén. Part. Rept., 2, 1802: 305. – Type locality: Tigris and Euphrates Rivers.

- 1807 *Testudo rafcht* Olivier, Voy. Empire Othoman, 6: 328. – Type localities: Euphrates and Tigris Rivers.
- 1809 *Trionyx euphraticus* – Geoffroy Saint-Hilaire, Ann. Mus. Hist. Natur., 14: 17.
- 1831 *Testudo rascht* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 19.
- 1835 *Gymnopus euphraticus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 498.
- 1844 *Tyrse rafeht* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 49.
- 1856 *Trionyx rafeht* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 65.
- 1864 *Rafetus euphraticus* – Gray, Proc. Zool. Soc. London, 1864: 81.
- 1893 *Pelodiscus euphraticus* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.
- 1904 *Amyda euphratica* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1904 *Tyrse euphratica* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.
- 1999 *Trionix euphracticus* Richard (ex errore), Tortug. Reg. árid. Argentina: 198.

Distribution: Tigris and Euphrates drainages in southeastern Turkey, Syria, Iraq and Iran.

### *Rafetus swinhoei* (Gray, 1873)

- 1873 *Oscaria swinhoei* Gray, Ann. Mag. Natur. Hist., (4) 12: 157; plate 5. – Type locality: vicinity of Shanghai, China.
- 1880 *Yuen elegans* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 23. – Type locality: Huang-po River [Huangpu Jiang], near Shanghai, China.
- 1880 *Yuen leprosus* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 20. – Type locality: Huang-po River [Huangpu Jiang], near Shanghai, China.
- 1880 *Yuen maculatus* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 22; plates 1, 1a. – Type locality: Huang-po River [Huangpu Jiang], near Shanghai, China.
- 1880 *Yuen pallens* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 23. – Type locality: great lake [Tai Hu], near Sou-tcheou [Suzhou Shi], Jiangsu Province, China.
- 1880 *Yuen viridis* Heude, Mém. concern. Hist. natur. Emp. Chin., 1: 23. – Type locality: great lake [Tai Hu], near Sou-tcheou [Suzhou Shi], Jiangsu Province, China.
- 1889 *Trionyx swinhonis* Boulenger (nomen novum pro *Oscaria swinhoei* Gray, 1873), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.
- 1893 *Pelodiscus swinhoei* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.
- 1902 *Trionyx swinhoei* – Siebenrock, Sitzungsber. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 111: 828.
- 1934 *Amyda swinhoei* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1984 *Pelochelys taihuensis* Zhang, Acta Herpetol. Sinica, 3: 71; fig. 1: 1–2, fig. 3. – Type locality: Luojiajiao Relics, Tongxiang Co., Zhejiang Province, China (subfossil, Neolithic).
- 1986 ? *Trionyx liupani* Tao, J. Taiwan Mus., 39: 28. – Type locality: Penghu Channel, Taiwan Strait, Taiwan Province, China (fossil materials, probably of Late Pleistocene age, dredged from bottom of Penghu Channel).
- 1987 *Rafetus swinhoei* – Meylan, Bull. Amer. Mus. Natur. Hist., 186: 77.
- 1997 *Pelochelys maculatus* – Zhao, Sichuan J. Zool., 15 (Suppl.): 56.
- 1997 *Pelochelys maculatus* – Zhao, Sichuan J. Zool., 15 (Suppl.): 55.
- 1999 *Pelochelys hoguomensis* S.Â. (nomen nudum), Tienphong [newspaper, The Avantgarde]. Thu Ba so 149, Hanoi, 4 December 1999: 1.
- 2000 *Rafetus leloii* Hà Đình Đức (nomen nudum), Dai Doan Ket [newspaper, Great Solidarity], nos 7–9, Hanoi, February: 51.
- 2000 *Rafetus leloii* Hà Đình Đức, Kha co Hoc, 4: 104; figs 1, 4, 10A. – Type locality: Hoan Kiem Lake, Hanoi.
- 2001 *Rafetus hoankiemensis* Devaux (nomen nudum), La Tortue, 56: 33.

Distribution: Southeastern Yunnan, northern Zhejiang, southern Jiangsu and Shanghai Provinces in China, northern Vietnam.

**Trionyx** Geoffroy Saint-Hilaire, 1809

- 1809 *Trionyx* Geoffroy Saint-Hilaire (non *Trionyx* Oken, 1816 = †Mammalia; non *Trionyx* Haliday, 1833 = Hymenoptera), Nouv. Bull. Sci. Philomen. Paris, 1: 363. – Subsequently designated type species (Bory de Saint-Vincent 1828): *Trionyx triunguis* (Forsskål, 1775).
- 1809 *Trionix* Geoffroy Saint-Hilaire (ex errore), Ann. Mus. Hist. Natur., 14: plates 1–2.
- 1827 *Strionyx* LeSueur (ex errore), Mém. Mus. Hist. natur, 15: plate 7.
- 1829 *Tryonix* Guérin (ex errore), Icon. Règne Animal Cuvier: 6.
- 1830 *Aspidonectes* Wagler, Natürl. Syst. Amphib.: 134. – Subsequently designated type species (Fitzinger 1843): “*Aspidonectes aegyptiacus* Wagl.” = *Trionyx triunguis* (Forsskål, 1775).
- 1835 *Gymnopus* Duméril & Bibron (nomen novum pro *Aspidonectes* Wagler, 1830; non *Gymnopus* Brookes, 1828 = Aves; non *Gymnopus* Blyth, 1843 = Aves; non *Gymnopus* Gray, 1865 = Mammalia), Erpétol. gén., Hist. natur. Rept., 2: 472.
- 1835 *Gymnopodus* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 484.
- 1842 *Aspedonectes* Holbrook (ex errore), North Amer. Herpetol., 2nd ed., 2: 18.
- 1844 *Tyrse* Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 47. – Subsequently designated type species (Stejneger 1907): *Tyrse nilotica* (Gray, 1831) = *Trionyx triunguis* (Forsskål, 1775).
- 1854 *Aspenodectes* LeConte (ex errore), Proc. Acad. Natur. Sci. Philadelphia, 1854: 189.
- 1861 *Tryonix* Duméril (ex errore), Arch. Mus., 10: 158.
- 1867 *Trionis* Baker (ex errore), Nile Tribut. Abyssinia: 44.
- 1869 *Fordia* Gray, Proc. Zool. Soc. London, 1869: 219. – Type species (by monotypy): *Fordia africana* Gray, 1869 = *Trionyx triunguis* (Forsskål, 1775).
- 1900 *Aspidonectus* Beyer (nomen novum pro *Aspidonectes* Wagler, 1830), Proc. Louisiana Soc. Natur. Hist., 1897–1899: 43.
- 1907 *Aspidonectis* Stejneger (ex errore), Bull. U.S. Nat. Mus., 58: 515.
- 1930 *Triinyx* Smith (ex errore), Zoomorphol., 101: 83.
- 1943 *Triinnys* Ameghino in Simpson (ex errore), Amer. J. Sci., 241: 423.
- 1985 *Tironyx* Bull, Legler & Vogt (ex errore), Copeia, 1985: 784.
- 1996 *Trionys* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 485.

**Trionyx triunguis** (Forsskål, 1775)

- 1775 *Testudo triunguis* Forsskål, Descr. Anim. Avium. Amphib.: ix. – Type locality: Nile River.
- 1798 *Testudo striata* Suckow [partim; nomen novum pro *Testudo cartilaginea* Boddaert, 1770 = *Amyda cartilaginea* (Boddaert, 1770), *Testudo membranacea* Blumenbach, 1779 = *Amyda cartilaginea* (Boddaert, 1770)?, *Testudo rostrata* Thunberg, 1787 = *Pelodiscus sinensis* (Wiegmann, 1834) and *Testudo triunguis* Forsskål, 1775], Anfangsgr. Naturgesch. Thiere, 3: 37.
- 1809 *Trionyx aegyptiacus* Geoffroy Saint-Hilaire, Nouv. Bull. Sci. Philomen. Paris, 1: 366. – Restricted type locality (Bour et al. 1995): lower Nile River drainage.
- 1809 *Trionyx aegyptiacus* Geoffroy Saint-Hilaire (nomen novum), Ann. Mus. Hist. Natur., 14: 12; plates 1–2.
- 1816 *Amyda triunguis* – Oken, Lehrbuch Naturgesch., 3: 348.
- 1830 *Aspidonectes aegyptiacus* – Wagler, Natürl. Syst. Amphib.: 134.
- 1831 *Trionyx niloticus* Gray (nomen novum pro *Testudo triunguis* Forsskål, 1775), Synops. Rept., 1 (Cataphracta): 46.
- 1835 *Gymnopodus aegyptiacus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 484.
- 1835 *Trionyx (Pelodiscus) labiatus* Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 127. – Designated type locality (Bell 1832–35): Sierra Leone.
- 1844 *Tyrse nilotica* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 48.
- 1844 *Trionyx mortoni* Hallowell, Proc. Acad. Natur. Sci. Philadelphia, 1844: 120. – Type locality: Africa.
- 1860 *Aspidonectes aspilus* Cope, Proc. Acad. Natur. Sci. Philadelphia, 1859: 295. – Type localities: Ovenga and Rembo Rivers, Fernan Vaz, Gabon.
- 1869 *Fordia africana* Gray, Proc. Zool. Soc. London, 1869: 219. – Type locality: Nile River at Khartoum, Sudan.
- 1876 *Trionyx triunguis* – Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1876: 117.

- 1884 *Gymnopus aspilus* – Rochebrune, Faune Sénégal, Rept.: 32.  
 1889 *Gymnopus aegyptiacus* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 255.  
 1893 *Pelodiscus triunguis* – Baur, Proc. Amer. Philos. Soc. Philadelphia, 31: 220.  
 1904 *Aspidonectes triunguis* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.  
 1904 *Pelodiscus labiatus* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.  
 1904 *Tyrse triunguis* – Hay, Proc. Amer. Philos. Soc. Philadelphia, 42, 1903: 269.  
 1948 *Trionyx triunguis rudolfianus* Deraniyagala, Ceylon J. Sci. (Spolia zeylan.), (B) 25: 30; fig. 5; plate 12: fig. c. – Type locality: Ferguson’s Gulf, Lake Rudolf, Kenya.  
 1955 *Amyda triunguis rudolfianus* – Mertens & Wermuth, Zool. Jb., Syst., 83: 331.  
 1955 *Amyda triunguis triunguis* – Mertens & Wermuth, Zool. Jb., Syst., 83: 331.  
 1969 *Trionyx aegypticus* Młynarski (ex errore), Fossile Schildkröten: 111.  
 1993 *Trionyx triunguis* Gosławski & Hryniewicz (ex errore), Żółwie: 67.  
 1999 *Trionyx triunguis* – Richard, Tortug. Reg. árid. Argentina: 198.

**Distribution:** From the Mediterranean coast of southwestern Turkey through Syria, Lebanon and Israel southward to Africa; Africa from Senegal to northwestern Namibia east to Tanzania and Somalia to Egypt.

## Suborder **Pleurodira** Cope, 1864

### Family **Chelidae** Gray, 1825

**Comment:** As for names of chelid turtles coined by Wells & Wellington (1985), we adopt the point of view of Iverson et al. (2001) and treat all names except *Macrochelodina* Wells & Wellington, 1985, *Tropicochelymys* Wells & Wellington, 1985, *Elseya purvisi* Wells & Wellington, 1985 and *Tropicochelymys worrelli* Wells & Wellington, 1985 as nomina nuda. *Tropicochelymys leichhardti* Wells & Wellington, 1985 is a name of uncertain taxonomic allocation (nomen dubium) and, therefore, does not appear in the checklist below.

### **Acanthochelys** Gray, 1873

- 1873 *Acanthochelys* Gray, Ann. Mag. Natur. Hist., (4) 11: 305. – Type species (by monotypy): *Acanthochelys spixii* (Duméril & Bibron, 1835).  
 1994 *Acanthochelys* Lema (ex errore), Comun. Mus. Ciênc. Tecnol. PUCRS, Sér. Zool., 7: 47.

### **Acanthochelys macrocephala** (Rhodin, Mittermeier & McMorris, 1984)

- 1984 *Platemys macrocephala* Rhodin, Mittermeier & McMorris, Herpetologica, 40: 38; figs 2–6. – Type locality: Caiçara (16°03’S 57°43’W), Rio Paraguay, Mato Grosso, Brazil.  
 1986 *Acanthochelys macrocephala* – Iverson, Checkl. Distr. Maps Turtl. World: 197.  
 1992 *Phrynops chacoensis* Fritz & Pauler, Mitt. Zool. Mus. Berlin, 68: 299; figs 1b–c, 2b–c, 3b. – Type locality: Chaco of Paraguay (22°30’03’’S 59°44’30’’W).  
 1994 *Acanthochelys chacoensis* – Bour in David, Dumerilia, 1: 81.  
 1998 *Mesoclemmys chacoensis* – Cabrera, Tortug. Cont. Sudamér. Austral: 65.  
 2001 *Acanthochelys macrophala* Ippi & Flores (ex errore), Acta Zool. Mex., 84: 62.

**Distribution:** Central Bolivia (Río Marmoré drainage), Pantanal and Río Paraguay drainage, southwestern Mato Grosso, Brazil; Chaco, Paraguay.



***Acanthochelys pallidipectoris*** (Freiberg, 1945)

- 1945 *Platemys pallidipectoris* Freiberg, *Physis*, 20: 19; fig. 1; plate. – Type locality: Presidencia Roque Sáenz Peña, Chaco, Argentina.
- 1986 *Acanthochelys pallidipectoris* – Iverson, *Checkl. Distr. Maps Turtl. World*: 198.
- 1997 *Acanthochelys pallidipectoris* Seddon, Georges, Baverstock & McCord (ex errore), *Mol. Phylogenet. Evol.*, 7: 56.

**Distribution:** Chaco of Argentina, Paraguay, and probably Bolivia.

***Acanthochelys radiolata*** (Mikan, 1820)

- 1820 *Emys radiolata* Mikan, *Delect. Flor. Faun. Brasil., Fasc. Prim.*: 2 unpaginated pp.; plate. – Type locality: Sebastianopolis.
- 1826 *Chelodina radiolata* – Fitzinger, *Neue Classif. Rept.*: 45.
- 1830 *Rhinemys radiolata* – Wagler, *Natürl. Syst. Amphib.*: 135.
- 1831 *Chelys (Hydraspis) radiolata* – Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 16.
- 1831 *Hydraspis radiolata* – Gray, *Synops. Rept.*, 1 (Cataphracta): 41.
- 1835 *Platemys gaudichaudii* Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 427. – Type locality: Brazil.
- 1835 *Platemys radiolata* – Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 412.
- 1844 *Hydraspis gaudichaudii* – Gray, *Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.*: 40.
- 1900 *Platemys wernerii* Schnee, *Zool. Anz.*, 23: 463; fig. – Type locality: vicinity of São Paulo, Brazil.
- 1926 *Platemys radiolata* var. *quadrisquamosa* Luederwaldt, *Rvta. Mus. Paulista*, 14: 437; plate. – Type localities: Rio Doce (Espírito Santo) and Belmonte (Bahia).
- 1957 *Platemys quadrisquamosa* – Fróes, *Iheringia Zool.*, 2: 21.
- 1979 *Platemys radiolata radiolata* – Pritchard, *Encyclopedia of Turtles*: 780.
- 1986 *Acanthochelys radiolata* – Iverson, *Checkl. Distr. Maps Turtl. World*: 199.

**Distribution:** States of Bahia, Minas Gerais, and Mato Grosso southward to São Paulo, Brazil.

***Acanthochelys spixii*** (Duméril & Bibron, 1835)

- 1824 *Emys depressa* Spix [non *Emys depressa* Merrem, 1820 = *Phrynops Geoffroanus* (Schweigger, 1812)], *Anim. nova s. Spec. nov. Testud. Brasil.*: 4; plate 3: figs 2–3. – Restricted type locality (Rhodin et al. 1984): Rio São Francisco, near Rio dos Pandeiros, Minas Gerais, Brazil.
- 1831 *Emys aspera* Cuvier in Gray in Griffith & Pidgeon (nomen oblitum), *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 16. – Designated type locality (Bour & Pauler 1987): Brazil.
- 1835 *Platemys spixii* Duméril & Bibron (nomen novum pro *Emys depressa* Spix, 1824), *Erpétol. gén., Hist. natur. Rept.*, 2: 409.
- 1844 *Hydraspis spixii* – Gray, *Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.*: 39.
- 1873 *Acanthochelys spixii* – Gray, *Ann. Mag. Natur. Hist.*, (4) 11: 305.
- 1926 *Platemys spixii* Luederwaldt (ex errore), *Rvta. Mus. Paulista*, 14: 435.
- 1979 *Platemys radiolata spixii* – Pritchard, *Encyclopedia of Turtles*: 780.
- 1983 *Platemys radiolata spixii* – Hoogmoed & Gruber, *Spixiana*, *Suppl.* 9: 344.
- 1994 *Acanthochelys spixii* – Lema, *Comun. Mus. Ciênc. Tecnol. PUCRS, Sér. Zool.*, 7: 47.
- 2002 *Platemys spixii* Ribas & Monteiro Filho (ex errore), *Biociências*, 10: 26.
- 2003 *Acanthochelys spixii* – Artner, *Emys*, 10 (6): xxix.

**Distribution:** From São Paulo southward through Rio Grande do Sul, Brazil, to the provinces of Rocha and Tucuarembó, Uruguay, and westward to the regions of Formosa and the Chaco in Argentina.

**Chelodina** Fitzinger, 1826

- 1826 *Chelodina* Fitzinger, Neue Classif. Rept.: 6. – Type species (by original designation): *Chelodina longicollis* (Shaw, 1794).  
 1828 *Hydraspis* Bell, Zool. J., 3: 512. – Type species (by original designation): *Hydraspis longicollis* (Shaw, 1794) = *Chelodina longicollis* (Shaw, 1794).  
 1835 *Hydrasris* Fitzinger (ex errore), Ann. Wien. Mus. Naturgesch., 1, 1836: 126.  
 1846 *Chelyodina* Agassiz (nomen novum pro *Chelodina* Fitzinger, 1826), Nomencl. zool., Index univ.: 79.  
 1894 *Chelidura* Oudemans in Semon (ex errore pro *Chelodina* Fitzinger, 1826), Zool. Forsch. Austral., 5: 130.  
 1894 *Chelydura* Oudemans in Semon (ex errore), Zool. Forsch. Austral., 5: 145.  
 1985 *Hesperochelodina* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 9.

**Comment:** Wermuth & Mertens (1977) list *Euchelymys* Gray, 1871 in the synonymy of *Chelodina* Fitzinger, 1826, referring to Lindholm's (1929) type designation. However, Lindholm (1929) did not designate *Chelodina sulcifera* Gray, 1856 as type species of *Euchelymys* as thought by Wermuth & Mertens (1977), but "*E[uchelymys] sulcifera* Gray = *Hydraspis macquarrii* Gray" = *Emydura macquarii* (Gray, 1831). Therefore, *Euchelymys* is a junior synonym of *Emydura* Bonaparte, 1836.

**Chelodina canni** McCord & Thomson, 2002

- 1985 *Chelodina rankini* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 8.  
 2002 *Chelodina canni* McCord & Thomson, J. Herpetol., 36: 256; figs 2a–b, 3a–c; plates 1, 2A–B, 2E–F. – Type locality: Malogie Waterhole, near Scarlet Hill on Kalala Station (16°08'S 133°36'E), Northern Territory, Australia.

**Distribution:** Northeastern Northern Territory to north Queensland, Australia (McCord & Thomson 2002).

**Chelodina colliei** Gray, 1856

- 1856 *Chelodina colliei* Gray, Proc. Zool. Soc. London, 1855: 200. – Type locality: Swan River, Australia.

**Distribution:** Southwestern Western Australia, Australia.

**Comment:** This species was long confused with *Chelodina oblonga* Gray, 1841 (Thomson 2001, 2006) and most literature referring to *Ch. colliei* Gray, 1856 used the name *Ch. oblonga*.

**Chelodina longicollis** (Shaw, 1794)

- 1794 *Testudo longicollis* Shaw, Zool. New Holland: 19; plate 7. – Type locality: Australasia or New Holland.  
 1812 *Emys longicollis* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 40.  
 1825 *Emys longicollis* Gray (ex errore), Ann. Philos. (New Ser.), 10: 210.  
 1826 *Chelodina longicollis* – Fitzinger, Neue Classif. Rept.: 6.  
 1828 *Hydraspis longicollis* – Bell, Zool. J., 3: 512.  
 1831 *Chelys (Chelodina) longicollis* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 15.  
 1835 *Chelodina novaehollandiae* Duméril & Bibron (nomen novum pro *Testudo longicollis* Shaw, 1794), Erpétol. gén., Hist. natur. Rept., 2: 443.  
 1856 *Chelodina sulcata* Gray, Proc. Zool. Soc. London, 1855: 201. – Type locality: Australia.  
 1856 *Chelodina sulcifera* Gray (ex errore pro *Chelodina sulcata* Gray, 1856), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 59.  
 1894 *Chelydura longicollis* – Oudemans in Semon, Zool. Forsch. Austral., 5: 145.  
 1972 *Chelodina longicollis longicollis* – Mertens, Salamandra, 8: 29.

- 1972 *Chelodina longicollis sulcifera* – Mertens, Salamandra, 8: 29.  
 1995 *Chelodina longicollis sulcata* – Webb, Chelon. Conserv. Biol., 1: 323.

Distribution: Southeastern South Australia to eastern Queensland, Australia (McCord & Thomson, 2002).

***Chelodina mccordi* Rhodin, 1994**

- 1994 *Chelodina mccordi* Rhodin, Breviora, 498: 4; figs 2–5. – Type locality: Roti Island, East Nusa Tenggara Province, Indonesia.

Distribution: Roti Island, Indonesia.

***Chelodina novaeguineae* Boulenger, 1888**

- 1888 *Chelodina novaeguineae* Boulenger, Ann. Mus. Civ. Stor. Natur. Genova, (2) 6: 450. – Type locality: Katow (Mawatta, Binaturi River), Papua New Guinea.  
 1979 *Chelodina novawguineae* Nutaphand (ex errore), Turtles of Thailand: 21.  
 1984 *Chelodina novaeguinea* Wells & Wellington (ex errore), Austr. J. Herpetol., 1 (3–4), 1983: 74.  
 2001 *Chelodina novaeguinae* Orenstein (ex errore), Turtl., Tort., Terrap.: 142.  
 2003 *Chelodina novaeguineae novaeguineae* – Artner, Emys, 10 (6): xxx.  
 2006 *Chelodina novaguineae* Georges & Thomson in Merrick, Archer, Hickey & Lee (ex errore), Evolution Zoogeogr. Australas. Vertebr.: 293.

Distribution: Southeastern Irian Jaya, Indonesia, southwestern Papua New Guinea (McCord & Thomson, 2002).

***Chelodina pritchardi* Rhodin, 1994**

- 1994 *Chelodina pritchardi* Rhodin, Breviora, 497: 4; figs 1–3. – Type locality: Bore, Kemp Welch River (9°53'S 147°46'E), 13 km southeast of Kwikila, Central Province, Papua New Guinea.

Distribution: Kemp Welch River drainage basin, Central Province, southeastern Papua New Guinea.

***Chelodina reimanni* Philippen & Grossmann, 1990**

- 1990 *Chelodina reimanni* Philippen & Grossmann, Zool. Abh. Mus. Tierk. Dresden, 46: 95; figs 1–5. – Type locality: Merauke River, West Irian, New Guinea (Irian Jaya, Indonesia).  
 2003 *Chelodina novaeguineae reimanni* – Artner, Emys, 10 (6): xxx.

Distribution: Southeastern Irian Jaya, Indonesia, and adjacent Papua New Guinea.

***Chelodina steindachneri* Siebenrock, 1914**

- 1914 *Chelodina steindachneri* Siebenrock, Anz. Akad. Wiss. Wien, math.-naturwiss. Kl., Abt. 1, 17: 386. – Type locality: Marloo Station, Grey River, Western Australia.  
 1923 *Chelodina millymillyensis* Glauert, J. Roy. Soc. West. Australia, 9: 53; plates 4–5. – Type locality: Milly Milly Creek, Milly Milly Station, Murchison River, Western Australia.  
 1985 *Hesperochelodina steindachneri* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.

Distribution: Middle-west of Western Australia from the DeGrey River system in the north to the Irwin River basins in the south, Australia.

**Chelus** Duméril, 1806

- 1806 *Chelus* Duméril, Zool. analyt.: 76. – Type species (by monotypy): *Chelus fimbriata* (Schneider, 1783) = *Chelus fimbriatus* (Schneider, 1783).  
 1811 *Chelys* Opperl (nomen novum), Ordn. Fam. Gatt. Rept.: 11.  
 1815 *Chelyda* Rafinesque (nomen novum pro *Chelys* Opperl, 1811), Analyse de la Nature: 75.  
 1820 *Matamata* Merrem (nomen novum pro *Chelys* Opperl, 1811), Tentam. Syst. Amphib.: 21.

**Chelus fimbriatus** (Schneider, 1783)

- 1765 *Testudo terrestris* Fermin (nomen reiectum: Opinion 660, ICZN 1963; non *Testudo terrestris* Forsskål, 1775 = *Testudo graeca terrestris* Forsskål, 1775), Hist. natur. Holland. équinox.: 51. – Type locality: Surinam.  
 1783 *Testudo fimbriata* Schneider (nomen conservandum: Opinion 660, ICZN 1963), Allgem. Naturgesch. Schildkr.: 349. – Type locality: Surinam.  
 1789 *Testudo fimbria* Gmelin in Linnaeus (nomen novum pro *Testudo fimbriata* Schneider, 1765), Syst. Natur., Ed. 13, 1: 1043.  
 1792 *Testudo matamata* Bruguière, J. Hist. natur. Paris, 1: 257; plate 13. – Type locality: Cayenne.  
 1801 *Testudo bispinosa* Daudin, Hist. natur. gén. part. Rept., 2, 1802: 94. – Type locality: Brazil.  
 1805 *Emydes matamata* – Brongniart, Essai Classif. Natur. Rept.: 27.  
 1806 *Chelus fimbriata* – Duméril, Zool. analyt.: 76.  
 1811 *Chelus matamata* – Opperl, Ordn., Fam. Gatt. Rept.: 11.  
 1812 *Chelys bispinosa* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 295.  
 1812 *Chelys fimbriata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 294.  
 1820 *Matamata bispinosa* – Merrem, Tentam. Syst. Amphib.: 22.  
 1820 *Matamata fimbriata* – Merrem, Tentam. Syst. Amphib.: 21.  
 1831 *Chelys matamata* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.  
 1831 *Testudo rapara* Gray (nomen nudum), Synops. Rept., 1 (Cataphracta): 44.  
 1844 *Testudo raparara* Gray (nomen nudum), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 44.  
 1856 *Testudo raxarara* Gray (nomen nudum), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 60.  
 1890 *Chelys boulengerii* Baur, Amer. Natural., 24: 968. – Type locality: Orinoco.  
 1934 *Chelus fimbriatus* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 65.

**Distribution:** Northern Bolivia, eastern Peru, Ecuador, eastern Colombia, Venezuela, Guyanas, northern and central Brazil.

**Comment:** Schmidt (1966) and Sánchez-Villagra et al. (1995) suggested that subspecific variation exists within *Chelus fimbriatus* (Schneider, 1783); turtles from the Amazon and Orinoco River basins are likely to represent distinct subspecies.

**Elseya** Gray, 1867

- 1867 *Elseya* Gray (non *Elseya* Mathews, 1913 = Aves), Ann. Mag. Natur. Hist., (3) 20: 44. – Subsequently designated type species (Lindholm 1929): *Elseya dentata* (Gray, 1863).

**Elseya albagula** Thomson, Georges & Limpus, 2006

- 2006 *Elseya albagula* Thomson, Georges & Limpus, Chelon. Conserv. Biol., 5: 75; figs 1–2, 4 (top), 5a, 6a, 7. – Type locality: Ned Churchwood Weir (25°03'S 152°05'E), Burnett River, Queensland, Australia.

**Distribution:** Southeastern Queensland, Australia (Thomson et al. 2006).

***Elseya bellii*** (Gray, 1844)

- 1844 *Phrynops bellii* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 41. – Designated type locality (Cann 1998): upper reaches of both the Namoi-MacDonald and Gwydir Rivers, above the New England escarpment, New South Wales.
- 1856 *Hydraspis bellii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 56.
- 1998 *Elseya bellii* – Cann, Austr. Freshw. Turtl.: 7.
- 2004 *Elseya belli* Joseph-Ouni (ex errore), Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.
- 2006 *Phrynops belli* – Georges & Thomson in Merrick, Archer, Hickey & Lee, Evolution Zoogeogr. Australas. Vertebr.: 287.

**Distribution:** Upper reaches of the MacDonald, Namoi, Severn and Gwydir Rivers in northeastern New South Wales, Australia (Cann 1998).

***Elseya branderhorsti*** (Ouwens, 1914)

- 1914 *Emydura branderhorsti* Ouwens, Contrib. Faune Indes Néerland. (Buitenzorg), 1: 31. – Type locality: southern New Guinea.
- 1994 *Elseya branderhorsti* – Bour, Buskirk & Pritchard in David, Dumerilia, 1: 81.
- 2000 *Elseya branderhorstii* van Dijk (ex errore), Chelon. Res. Monogr., 2: 23.
- 2002 *Elseya branderhosti* Iskandar & Mumpuni (ex errore), Hamadryad, 27: 132.

**Distribution:** Southern west New Guinea to Fly River (Georges & Thomson 2006).

***Elseya dentata*** (Gray, 1863)

- 1863 *Chelymys dentata* Gray, Ann. Mag. Natur. Hist., (3) 12: 98. – Type locality: Beagle's Valley, upper Victoria River, Northern Territory.
- 1864 *Chelymys elseyi* Gray (nomen nudum), Proc. Zool. Soc. London, 1864: 132.
- 1865 *Podocnemis dentata* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 104.
- 1867 *Elseya dentata* – Gray, Ann. Mag. Natur. Hist., (3) 20: 44.
- 1870 *Chelymys elseya* Gray (nomen nudum), Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 76.
- 1872 *Elseya intermedia* Gray, Append. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 23. – Type locality: upper part of Victoria River, Northern Territory.
- 1979 *Emydura dentata* – Gaffney, Amer. Mus. Novit., 2681: 7.
- 1985 *Elseya stirlingi* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 1985 *Elseya dentata dentata* – Obst, Welt der Schildkröten: 223.
- 1989 *Elseya sterlingi* King & Burke (ex errore), Crocod., Tuatara, Turtle Species World: 119.
- 2000 *Elseya flaviventralis* Georges, Doody, Young & Cann (nomen nudum), Austr. Pig-Nosed Turtl.: 7.

**Distribution:** Northeastern Western Australia and adjacent Northern Territory, Australia (Thomson et al. 2006).

***Elseya georgesii*** Cann, 1997

- 1997 *Elseya georgesii* Cann, Monitor (J. Vict. Herpetol. Soc.), 9 (1): 18; figs pp. 19–23, 31, 32. – Type locality: Bellinger River (30°25'S 152°46'E).

**Distribution:** Bellinger River and its tributaries, mid-eastern New South Wales, Australia (Cann 1997a).

***Elseya irwini* Cann, 1997**

- 1997 *Elseya irwini* Cann, Monitor (J. Vict. Herpetol. Soc.), 9 (1): 36; figs pp. 31–32, 36–37, 39. – Type locality: Burdekin River (19°42'S 147°18'E), Queensland, approximately 18 km upstream from Ayr.

**Distribution:** Burdekin River drainage, mid-eastern Queensland, Australia (Cann 1997b).

***Elseya latisternum* Gray, 1867**

- 1867 *Elseya latisternum* Gray, Ann. Mag. Natur. Hist., (3) 20: 44. – Type locality: North Australia.  
1871 *Euchelymys spinosa* Gray, Ann. Mag. Natur. Hist., (4) 8: 118. – Type locality: North Australia.  
1871 *Elseya latisternon* Gray (ex errore), Ann. Mag. Natur. Hist., (4) 8: 292.  
1872 *Elseya spinosa* – Gray, Append. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 23.  
1889 *Emydura latisternum* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
1969 *Elseya latisternum latisternum* – Blackmore, Vict. Natural., 86: 281.

**Distribution:** From the Richmond River, New South Wales, along the coastal area to the South Alligator River, Northern Territory, Australia (Georges & Thomson 2006).

***Elseya lavarackorum* (White & Archer, 1994)**

- 1994 *Emydura lavarackorum* White & Archer, Rec. South. Austr. Mus., 27: 159; figs 1–4. – Type locality: Terrace Site, an excavation in fluvial sediments exposed on the south bank of the Gregory River, Riversleigh Station, northwest of Mount Isa (Pleistocene).  
1997 *Elseya lavarackorum* – Thomson, White & Georges, Mem. Queensl. Mus., 42: 327.  
1998 *Elseya lavarackorum* Cann (ex errore), Austr. Freshw. Turtl.: 7.  
2006 *Elseya lavarackorum* Georges & Thomson in Merrick, Archer, Hickey & Lee (ex errore), Evolution Zoogeogr. Australas. Vertebr.: 292.

**Distribution:** Northeastern Western Australia and northwestern Northern Territory, Australia (Thomson et al. 2006).

**Comment:** Originally described from Pleistocene fossils, then rediscovered as a living species (Thomson et al. 1997).

***Elseya novaeguineae* (Meyer, 1874)**

- 1874 *Platemys novaeguineae* Meyer, Monatsber. Preuß. Akad. Wiss. Berlin, 1874: 128. – Type locality: Passim, New Guinea [located on the southwestern shore of Cenderawasih Bay on the southeastern Vogelkopf, Rhodin & Genorupa 2000].  
1888 *Emydura novaeguineae* – Boulenger, Ann. Mus. Civ. Stor. Natur. Genova, (2) 6: 450.  
1967 *Elseya novaeguineae* – Goode, Freshw. Tort. Austral. New Guinea: ix.  
1969 *Elseya latisternum novaeguineae* – Blackmore, Vict. Natural., 86: 282.  
1974 *Elseya novaeguinea* Burbidge, Kirsch & Main (ex errore), Copeia, 1974: 393.  
1979 *Emydura novaeguineae* Nutaphand (ex errore), Turtles of Thailand: 21.  
1985 *Elseya dentata novaeguineae* – Obst, Welt der Schildkröten: 223.

**Distribution:** Northwestern Irian Jaya, Indonesia (Vogelkopf Region; Georges & Thomson 2006); Trans-Fly Region of Papua New Guinea (Georges et al. 2006).

***Elseya purvisi* Wells & Wellington, 1985**

- 1985 *Elseya purvisi* Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 8. – Type locality: 15 km S, 32.3 km E of Nowendoc (31°39'S 152°04'E), New South Wales.
- 2006 *Elseya purvisi* Georges & Thomson in Merrick, Archer, Hickey & Lee (ex errore), Evolution Zool. geogr. Australas. Vertebr.: 291.

Distribution: Manning River drainage, mid-eastern New South Wales, Australia (Cann 1998).

***Elseya schultzei* (Vogt, 1911)**

- 1911 *Emydura schultzei* Vogt, Sitzungsber. Ges. naturforsch. Freunde Berlin, 1911: 410. – Type locality: river west of mouth of Tami River, New Guinea.
- 2000 *Elseya schultzei* – Samedí & Iskandar, Chelon. Res. Monogr., 2: 111.

Distribution: Northern coastal region of Papua New Guinea (Sepik River Region; Georges & Thomson 2006).

***Elusor* Cann & Legler, 1994**

- 1994 *Elusor* Cann & Legler, Chelon. Conserv. Biol., 1: 83. – Type species (by monotypy): *Elusor macrurus* Cann & Legler, 1994.

***Elusor macrurus* Cann & Legler, 1994**

- 1994 *Elusor macrurus* Cann & Legler, Chelon. Conserv. Biol., 1: 83; figs 2–8. – Type locality: Mary River, 45.5 km S and 21.0 km W Maryborough (25°58'S 152°30'E), Queensland, Australia.

Distribution: Mary River drainage, southeastern Queensland, Australia.

***Emydura* Bonaparte, 1836**

- 1836 *Emydura* Bonaparte, Chelon. Tab. Analyt.: 7. – Type species (by monotypy): *Emydura macquaria* Cuvier, 1829 (nomen nudum) = *Emydura macquarii macquarii* (Gray, 1831).
- 1844 *Chelymys* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 42. – Type species (by monotypy): *Chelymys macquaria* Cuvier, 1829 (nomen nudum) = *Emydura macquarii macquarii* (Gray, 1831).
- 1871 *Euchelymys* Gray, Ann. Mag. Natur. Hist., (4) 8: 118. – Subsequently designated type species (Lindholm 1929): *Euchelymys sulcifera* Gray, 1871 = *Emydura macquarii macquarii* (Gray, 1831).
- 1873 *Euchelemys* Günther (nomen novum), Zool. Rec., Rept., 1871: 80.
- 1985 *Tropicochelymys* Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9. Type species (by original designation): *Tropicochelymys victoriae* (Gray, 1842) = *Emydura victoriae* (Gray, 1842).
- 1996 *Emydrua* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 493.
- 1998 *Chemlymys* Wells & Wellington in Cann (ex errore), Austr. Freshw. Turtl.: 285.

***Emydura australis* (Gray, 1841)**

- 1841 *Hydraspis australis* Gray in Grey, Trav. Austral., 2: 445; plate 6. – Type locality: Western Australia?
- 1871 *Chelymys australis* – Gray, Ann. Mag. Natur. Hist., (4) 8: 386.
- 1889 *Emydura australis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.
- 1969 *Emydura australis australis* – Mertens, Senckenb. biol., 50: 35.

1996 *Emydrua australis* – Obst in Wermuth & Mertens, Schildkr., Krokod., Brückenechs. (Reprint 1996): 493.

Distribution: Northeastern Western Australia, Australia (Wilson & Swan 2003).

***Emydura macquarii* (Gray, 1831)**

Distribution: South Australia, northern Victoria, New South Wales, Queensland, Australia.

***Emydura macquarii macquarii* (Gray, 1831)**

- 1829 *Emys macquaria* Cuvier (nomen nudum), Règne animal, Ed. 2, 2: 11.  
 1831 *Chelys (Hydraspis) macquarii* Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 15. – Restricted type locality (Gray 1831a): New Holland, Macquarie River.  
 1831 *Emys macquarii* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 15.  
 1831 *Hydraspis macquarrii* Gray (ex errore), Synops. Rept., 1 (Cataphracta): 40.  
 1835 *Platemys macquaria* Duméril & Bibron (nomen novum), Erpétol. gén., Hist. natur. Rept., 2: 438.  
 1835 *Hydraspis macquaria* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 438.  
 1844 *Chelymys macquaria* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 42.  
 1871 *Euchelymys sulcifera* Gray, Ann. Mag. Natur. Hist., (4) 8: 118. – Designated type locality (Cogger in Cogger et al. 1983): North Australia.  
 1889 *Emydura macquariae* Boulenger (nomen novum), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
 1890 *Emydura macquaria* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 106.  
 1890 *Hydraspis macquarri* Strauch (ex errore), Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 38 (2): 106.  
 1905 *Emydura macquarii* – Ogilby, Proc. Roy. Soc. Queensland, 19: 25.  
 1909 *Emydura macquarrii* – Siebenrock, Zool. Jb., Syst., Suppl. 10: 583.  
 1934 *Emydura macquarri* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 66.  
 1967 *Emydura macquari* Goode (ex errore), Freshw. Tort. Austral. New Guinea: ix.  
 1967 *Emydura macquarriae* Pritchard (ex errore), Living Turtles of the World: 229.  
 1969 *Emydura macquarrii macquarrii* – Blackmore, Vict. Natural., 86: 282.  
 1976 *Emydura maquarii* Młynarski (ex errore), Handbuch Paläoherp., 7: 117.  
 1984 *Chelymys macquarii* – Wells & Wellington, Austr. J. Herpetol., 1 (3–4), 1983: 74.  
 1993 *Emydura macquarii macquarii* – Gosławski & Hryniewicz, Żółwie: 60.  
 1998 *Chemlymys macquarii* – Wells & Wellington in Cann, Austr. Freshw. Turtl.: 285.

Distribution: Southeastern South Australia, northern Victoria, New South Wales, to southern Queensland, Australia.

***Emydura macquarii binjing* Cann, 1998**

1998 *Emydura macquarii binjing* Cann, Austr. Freshw. Turtl.: 116; figs pp. 116–119, 260. – Type locality: junction of Mann and Clarence Rivers (29°45'S 152°15'E), New South Wales, Australia.

Distribution: Clarence River and its tributaries, northeastern New South Wales, Australia (Cann 1998).

***Emydura macquarii dharra* Cann, 1998**

- 1970 *Emydura canni* Worrell (nomen nudum), Rept. Australia, 2nd ed.: plate 6.  
 1985 *Chelymys cooki* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 8.  
 1998 *Emydura canni* Cann (ex errore), Austr. Freshw. Turtl.: 120.



- 1998 *Emydura macquarii dharra* Cann, Austr. Freshw. Turtl.: 120; figs pp. 120–122, 260. – Type locality: Macleay River at the junction with the Dike River (30°54'S 152°10'E), New South Wales, Australia.  
 2001 *Emydura cooki* – Iverson, Thomson & Georges, J. Herpetol., 35: 364.

Distribution: Macleay and Hastings River drainage, eastern New South Wales, Australia (Cann 1998).

*Emydura macquarii dharuk* Cann, 1998

- 1998 *Emydura macquarii dharuk* Cann, Austr. Freshw. Turtl.: 126; figs pp. 126–130, 261. – Type locality: Norton's Basin, Nepean River, 0.5 km upstream from the junction of the Warragamba and Nepean Rivers at 33°52'S 150°37'E.

Distribution: Rivers of the Sydney Basin, eastern New South Wales, Australia (Cann 1998).

*Emydura macquarii emmotti* Cann, McCord & Joseph-Ouni, 2003

- 1985 *Chelymys windorah* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 8.  
 2001 *Emydura windorah* – Iverson, Thomson & Georges, J. Herpetol., 35: 365.  
 2003 *Emydura macquarii emmotti* Cann, McCord & Joseph-Ouni in McCord, Cann & Joseph-Ouni, Reptilia (GB), 27: 59; figs pp. 59 (left), 60–61. – Type locality: Waterloo Station (24°13'S 143°17'E), shearing-shed waterhole, southwestern Queensland, Australia.  
 2004 *Emydura emmotti* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.

Distribution: Northeastern South Australia to middle Queensland, Australia (McCord et al. 2003).

*Emydura macquarii gunabarra* Cann, 1998

- 1985 *Chelymys johncanni* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 8.  
 1989 *Chelymys joncanni* King & Burke (ex errore), Crocod., Tuatara, Turtle Species World: 121.  
 1998 *Emydura macquarii gunabarra* Cann, Austr. Freshw. Turtl.: 123; figs pp. 123–125, 261. – Type locality: Hunter River (32°09'S 150°58'E), New South Wales, Australia.  
 2001 *Emydura joncanni* – Iverson, Thomson & Georges, J. Herpetol., 35: 365.

Distribution: Hunter River drainage, eastern New South Wales, Australia (Cann 1998).

*Emydura macquarii krefftii* (Gray, 1871)

- 1871 *Chelymys krefftii* Gray, Ann. Mag. Natur. Hist., (4) 8: 366. – Type locality: Burnett River, Queensland.  
 1872 *Chelymys victoriae* var. *marmorata* Gray, Proc. Zool. Soc. London, 1872: 506. – Type locality: Burnett River, Queensland.  
 1872 *Chelymys victoriae* var. *sulcata* Gray, Proc. Zool. Soc. London, 1872: 506. – Type locality: Burnett River, Queensland.  
 1889 *Emydura krefftii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
 1934 *Emydura krefftii* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 66.  
 1969 *Emydura australis krefftii* – Mertens, Senckenb. biol., 50: 35.  
 1969 *Emydura macquarii krefftii* – Blackmore, Vict. Natural., 86: 282.  
 1985 *Emydura australis krefftii* – Obst, Welt der Schildkröten: 223.  
 1985 *Tropicochelymys krefftii* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.  
 2001 *Emydura macquarii krefftii* – Cann & Georges in Ettling & Becker, Proc. 24th Internat. Herpetol. Symp. Capt. Prop. Husb.: 39.  
 2003 *Emydura macquarii krefftii* – McCord, Cann & Joseph-Ouni, Reptilia (GB), 27: 60.

Distribution: Coastal river drainages of eastern Queensland, Australia.

*Emydura macquarii nigra* McCord, Cann & Joseph-Ouni, 2003

- 1985 *Tropicochelymys insularis* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 2001 *Emydura insularis* – Iverson, Thomson & Georges, J. Herpetol., 35: 364.
- 2003 *Emydura macquarii nigra* McCord, Cann & Joseph-Ouni, Reptilia (GB), 27: 59; figs pp. 59 (right), 62–63. – Type locality: Lake McKenzie (25°27'S 153°04'E), Fraser Island, Queensland, Australia.
- 2004 *Emydura nigra* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.

Distribution: Fraser Island, Australia (McCord et al. 2003).

*Emydura macquarii signata* Ahl, 1932

- 1932 *Emydura signata* Ahl, Sitzungsber. Ges. naturforsch. Freunde Berlin, 1932: 127; figs pp. 127–128. – Type locality: Brisbane District, Australia.
- 1977 *Emydura macquarii signata* – Wermuth & Mertens, Test., Crocod., Rhynchoceph., Tierreich, 100: xvi.
- 1984 *Chelymys signata* – Wells & Wellington, Austr. J. Herpetol., 1 (3–4), 1983: 74.
- 1993 *Emydura macquarii signata* – Gosławski & Hryniewicz, Żółwie: 60.

Distribution: Brisbane River drainage, southeastern Queensland, Australia (Cann 1998).

*Emydura subglobosa* (Krefft, 1876)

Distribution: Southern Irian Jaya, Indonesia, southern Papua New Guinea; northern and northwestern Queensland, northern Northern Territory, Australia.

*Emydura subglobosa subglobosa* (Krefft, 1876)

- 1876 *Euchelymys subglobosa* Krefft, Ann. Mus. Civ. Stor. Natur. Genova, (1) 8: 390. – Type locality: Naiabui, Amana River, southeastern Papua New Guinea.
- 1888 *Emydura albertisii* Boulenger, Ann. Mus. Civ. Stor. Natur. Genova, (2) 6: 449. – Type locality: Katow (Mawatta, Binaturi River), Papua New Guinea.
- 1888 *Emydura subglobosa* – Boulenger, Ann. Mus. Civ. Stor. Natur. Genova, (2) 6: 450.
- 1934 *Emydura albertisi* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 66.
- 1969 *Emydura australis albertisii* – Mertens, Senckenb. biol., 50: 36.
- 1969 *Emydura australis subglobosa* – Mertens, Senckenb. biol., 50: 36.
- 1969 *Emydura macquarii subglobosa* – Blackmore, Vict. Natural., 86: 282.
- 1984 *Chelymys subglobosa* – Wells & Wellington, Austr. J. Herpetol., 1 (3–4), 1983: 74.
- 1985 *Tropicochelymys goodei* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 1985 *Tropicochelymys subglobosa* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 1985 *Emydura australis albertisi* – Iverson, SSAR Misc. Publ., Herpetol. Circ., 14: 12.
- 2001 *Emydura goodei* – Iverson, Thomson & Georges, J. Herpetol., 35: 364.
- 2001 *Emydura subglobosa subglobosa* – Cann & Georges in Ettling & Becker, Proc. 24th Internat. Herpetol. Symp. Capt. Prop. Husb.: 40.
- 2002 *Emydura subglobo* McCord & Thomson (ex errore), J. Herpetol., 36: 262.
- 2006 *Emydura subglobosa subglosa* Georges & Thomson in Merrick, Archer, Hickey & Lee (ex errore), Evolution Zoogeogr. Australas. Vertebr.: 292.

Distribution: Southern Irian Jaya, Indonesia, southern Papua New Guinea; extreme northern tip of Queensland, Australia.

*Emydura subglobosa worrelli* (Wells & Wellington, 1985)

- 1985 *Tropicochelymys worrelli* Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9. – Type locality: approximately 21 km north of MacArthur River (16°16'S 136°05'E), Northern Territory.  
 1998 *Emydura worrelli* – Cann, Austr. Freshw. Turtl.: 7.  
 2000 *Emydura subglobosa worrelli* – Georges, Doody, Young & Cann, Austr. Pig-Nosed Turtl.: 7.

**Distribution:** Northern Northern Territory, northwestern Queensland, Australia (Cann 1998).

**Comment:** *Emydura subglobosa worrelli* (Wells & Wellington, 1985) was treated as full species by Georges et al. (2006), while Iverson et al. (2001) consider it as a junior synonym of *E. subglobosa* (Krefft, 1876); an *Emydura* species of the TransFly region of the Western Province of Papua New Guinea could represent the same taxon (Georges et al. 2006).

*Emydura tanybaraga* Cann, 1997

- 1997 *Emydura tanybaraga* Cann, Monitor (J. Vict. Herpetol. Soc.), 9 (1): 24; figs pp. 24–26, 28 (left), 31–32. – Type locality: near Policeman Crossing (13°46'S 130°43'E), Daly River, Northern Territory.

**Distribution:** Daly and South Alligator Rivers, Northern Territory and Mitchel River drainage, Queensland, Australia (Cann 1997c).

*Emydura victoriae* (Gray, 1842)

- 1842 *Hydraspis victoriae* Gray, Zool. Miscell.: 55. – Type locality: Victoria River, north-west coast of New Holland.  
 1872 *Chelymys victoriae* – Gray, Append. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 21.  
 1964 *Emydura victoriae* – Worrell, Reptiles of Australia (Reprint 1964): 17.  
 1985 *Tropicochelymys victoriae* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.  
 1997 *Emydura victoria* Cann (ex errore), Monitor (J. Vict. Herpetol. Soc.), 9 (1): 28.

**Distribution:** Victoria River and Daly River drainages, Northern Territory, Australia (Wilson & Swan 2003).

*Hydromedusa* Wagler, 1830

- 1830 *Hydromedusa* Wagler, Natürl. Syst. Amphib.: 135. – Type species (by monotypy): *Hydromedusa maximiliani* (Mikan, 1825).  
 1873 *Chelomedusa* Gray, Ann. Mag. Natur. Hist., (4) 11: 303. – Subsequently designated type species (Lindholm 1929): *Hydromedusa (Chelomedusa) depressa* Gray, 1856 = *Hydromedusa maximiliani* (Mikan, 1825).

*Hydromedusa maximiliani* (Mikan, 1825)

- 1825 *Emys maximiliani* Mikan, Delect. Flor. Faun. Brasil., Fasc. Quart.: 2 unpaginated pp.; plate. – Type locality: Capitania St. Paulo [São Paulo City], Brazil.  
 1826 *Chelodina maximiliani* – Fitzinger, Neue Classif. Rept.: 45.  
 1830 *Hydromedusa maximiliani* – Wagler, Natürl. Syst. Amphib.: 135.  
 1831 *Emys maximiliana* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.  
 1831 *Hydraspis maximiliani* – Gray, Synops. Rept., 1 (Cataphracta): 43.  
 1835 *Chelodina flavilabris* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 446. – Type locality: Brazil.

- 1844 *Hydromedusa flavilabris* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 44.  
1844 *Hydromedusa maximiliana* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 44.  
1854 *Hydromedusa subdepressa* Gray, Proc. Zool. Soc. London, 1852: 134. – Type locality: Brazil.  
1856 *Hydromedusa depressa* Gray (nomen novum pro *Hydromedusa subdepressa* Gray, 1854), Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 60.  
1866 *Hydromedusa bankae* Giebel, Zeitschr. ges. Naturwiss., 27: 19; plate 4. – Type locality: Banka Island (in error).  
1996 *Hydromedusa maximilliani* Obst in Wermuth & Mertens (ex errore), Schildkr., Krokod., Brückenechs. (Reprint 1996): 492.

**Distribution:** States of Espírito Santo, Minas Gerais, Rio de Janeiro, and São Paulo, southeastern Brazil.

**Comment:** The publication date of Mikan's description of *Emys maximiliani* is generally given with 1820 in herpetological literature. However, as Wetmore (1925) correctly pointed out, the fourth fascicle of Mikan's 'Delectus Florae et Faunae Brasiliensis', containing the description of *E. maximiliani*, appeared only in 1825.

### ***Hydromedusa tectifera* Cope, 1870**

- 1870 *Hydromedusa tectifera* Cope, Proc. Amer. Philos. Soc. Philadelphia, 11, 1869: 147. – Type locality: tributaries of Río Paraná or Río Uruguay.  
1873 *Hydromedusa platanensis* Gray, Ann. Mag. Natur. Hist., (4) 11: 302. – Type locality: Río de la Plata.  
1884 *Hydromedusa wagleri* Günther, Ann. Mag. Natur. Hist., (5) 14: 423. – Type locality: Buenos Aires.  
1979 *Hydromedusa tectifera* Nutaphand (ex errore), Turtles of Thailand: 20.

**Distribution:** States of São Paulo and Rio Grande do Sul, southeastern Brazil, westward and southward through the Chaco, eastern Paraguay, and Formosa, northeastern Argentina, to Uruguay.

### ***Macrochelodina* Wells & Wellington, 1985**

- 1985 *Macrochelodina* Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9. – Subsequently designated type species (Iverson et al. 2001): *Macrochelodina rugosa* (Ogilby, 1890).

### ***Macrochelodina burrungandjii* (Thomson, Kennett & Georges, 2000)**

- 2000 *Chelodina burrungandjii* Thomson, Kennett & Georges, Chelon. Conserv. Biol., 3: 675; figs 1–3, 5a, 6a. – Type locality: Koolpin Gorge (13°8'S 132°38'E), South Alligator River.  
2003 *Macrochelodina burrungandjii* – Artner, Emys, 10 (6): xxxii.

**Distribution:** Restricted to the Arnhem Land Plateau, Northern Territory, Australia (Thomson et al. 2000); probably also Kimberley Plateau of Western Australia as well (Georges et al. 2002).

### ***Macrochelodina expansa* (Gray, 1857)**

- 1857 *Chelodina expansa* Gray, Proc. Zool. Soc. London, 1856: 370; plate 12. – Type locality: Australia.  
1967 *Chelodina expansa* Goode (ex errore), Freshw. Tort. Austral. New Guinea: 37.  
1969 *Chelodina oblonga expansa* – Blackmore, Vict. Natural., 86: 281.  
1985 *Macrochelodina expansa* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.

**Distribution:** Southeastern South Australia, northern Victoria, central New South Wales, to southeastern Queensland; Fraser Island, Australia.

***Macrochelodina kuchlingi* (Cann, 1997)**

- 1997 *Chelodina kuchlingi* Cann, Monitor (J. Vict. Herpetol. Soc.), 9 (1): 41; figs pp. 32, 42–43. – Type locality: Kalumburu (14°18'S 126°28'E), N.W. Australia.
- 2001 *Chelodina kuchlingii* Iverson, Thomson & Georges (ex errore), J. Herpetol., 35: 362.
- 2003 *Macrochelodina kuchlingi* – Artner, Emys, 10 (6): xxxii.

**Distribution:** Only known from one specimen from the type locality (Cann 1997d).

**Comment:** This species was described from a single specimen that was kept for a substantial time in captivity. Georges & Thomson (2006) raise doubts about its validity.

***Macrochelodina parkeri* (Rhodin & Mittermeier, 1976)**

- 1976 *Chelodina parkeri* Rhodin & Mittermeier, Bull. Mus. Comp. Zool., 147: 465; figs 13–20. – Type locality: Mawa, Lake Murray, Western District, Papua New Guinea.
- 2001 *Macrochelodina parkeri* – Iverson, Thomson & Georges, J. Herpetol., 35: 362.

**Distribution:** Southwestern Papua New Guinea.

***Macrochelodina rugosa* (Ogilby, 1890)**

- 1841 *Chelodina oblonga* Gray in Grey (non *Chelodina oblonga oblonga* sensu Blackmore 1969 = *Macrochelodina oblonga* sensu Wells & Wellington 1985 = *Chelodina colliciei* Gray, 1856), Trav. Austral., 2: 446; plate 7. – Type locality: Western Australia.
- 1890 *Chelodina rugosa* Ogilby, Rec. Austral. Mus., 1: 56; plate 7. – Type locality: Cape York, Queensland.
- 1901 *Chelodina siebenrocki* Werner, Verh. zool.-bot. Ges. Wien, 51: 602; plate 5. – Type locality: Papua New Guinea.
- 1915 *Chelodina intergularis* Fry, Proc. Roy. Soc. Queensland, 27: 88; plate 4. – Type locality: Australia.
- 1969 *Chelodina oblonga rugosa* – Blackmore, Vict. Natural., 86: 281.
- 1969 *Chelodina oblonga siebenrocki* – Blackmore, Vict. Natural., 86: 281.
- 1974 *Chelodina siebenrocki* Burbidge, Kirsch & Main (ex errore), Copeia, 1974: 393.
- 1985 *Macrochelodina billabong* Wells & Wellington (nomen nudum), Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 1985 *Macrochelodina rugosa* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 1985 *Macrochelodina siebenrocki* – Wells & Wellington, Austr. J. Herpetol., Suppl. Ser., 1: 9.
- 2001 *Chelodina billabong* – Iverson, Thomson & Georges, J. Herpetol., 35: 363.

**Distribution:** Northeastern Western Australia, through northern part of Northern Territory, to northern Queensland (Australia), islands in Torres Strait, southeastern Irian Jaya (Indonesia), southwestern Papua New Guinea (Georges et al. 2002).

***Mesoclemmys* Gray, 1873**

- 1873 *Mesoclemmys* Gray, Ann. Mag. Natur. Hist., (4) 11: 305. – Type species (by monotypy): *Mesoclemmys gibba* (Schweigger, 1812).
- 1909 *Batrachemys* Stejneger, Proc. Biol. Soc. Washington, 22: 126. – Type species (by monotypy): *Batrachemys nasuta* (Schweigger, 1812) = *Mesoclemmys nasuta* (Schweigger, 1812).
- 1926 *Batrachemys* Schulze, Kükenthal & Heider (ex errore), Nomencl. Anim. Gen. Subgen., 1: 383.
- 1949 *Mesoclemys* Orcés (ex errore), Bol. Inf. Cienc. Nac., 3: 16.
- 2001 *Bufocephala* McCord, Joseph-Ouni & Lamar, Intern. J. Tropic. Biol. Conserv., 49: 715. – Type species (by original designation): *Bufocephala vanderhaegei* (Bour, 1973) = *Mesoclemmys vanderhaegei* (Bour, 1973).

- 2001 *Ranacephala* McCord, Joseph-Ouni & Lamar, Intern. J. Tropic. Biol. Conserv., 49: 715. – Type species (by original designation): *Ranacephala hogeii* (Mertens, 1967) = *Mesoclemmys hogeii* (Mertens, 1967).  
 2004 *Bufocephalus* Joseph-Ouni (ex errore), Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.

**Comment:** Generic allocation of the species considered here to belong to *Mesoclemmys* Gray, 1873, *Phrynops* Wagler, 1830 and *Rhinemys* Wagler, 1830 is still controversial (McCord et al. 2001, Bour & Zaher 2005). Until recently, all of these species were treated as representatives of the genus *Phrynops*. This checklist follows the most recent revision by Bour & Zaher (2005).

### *Mesoclemmys dahli* (Zangerl & Medem, 1958)

- 1958 *Phrynops (Batrachemys) dahli* Zangerl & Medem, Bull. Mus. Comp. Zool., 119: 376; figs 2–6, plates 1–2. – Type locality: vicinity of Sincelejo, Bolivar, Colombia.  
 1961 *Batrachemys dahli* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.  
 1977 *Phrynops nasutus dahli* – Wermuth & Mertens, Testud., Crocod., Rhynchoceph., Tierreich, 100: xvi.  
 2005 *Mesoclemmys dahli* – Bour & Zaher, Pap. Avuls. Zool., 45: 296.

**Distribution:** Bolivar, Colombia.

### *Mesoclemmys gibba* (Schweigger, 1812)

- 1812 *Emys gibba* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 299. – Restricted type locality (Bour & Pauler 1987): vicinity of Cayenne, French Guiana.  
 1824 *Emys stenops* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 12; plate 9: figs 3–4. – Type locality: Rio Solimões.  
 1828 *Hydraspis stenops* – Bell, Zool. J., 3: 512.  
 1830 *Rhinemys gibba* – Wagler, Natürl. Syst. Amphib.: 135.  
 1831 *Hydraspis cayennensis gibba* – Gray, Synops. Rept., 1 (Cataphracta): 42.  
 1835 *Platemys gibba* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 416.  
 1835 *Platemys miliusii* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 431. – Type locality: Cayenne.  
 1835 *Hydraspis (Podocnemis) gibba* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 126.  
 1844 *Phrynops miliusii* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 42.  
 1850 *Phrynops gibbus* – Diesing, Syst. Helminth., 1: 406.  
 1856 *Hydraspis miliusii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 56.  
 1868 *Hydraspis gordonii* Gray, Proc. Zool. Soc. London, 1868: 563; plate 42. – Type locality: Tamana Mountain, Trinidad.  
 1873 *Hydraspis bicolor* Gray, Ann. Mag. Natur. Hist., (4) 11: 304. – Type locality: Demerara cataracts.  
 1873 *Mesoclemmys gibba* – Gray, Ann. Mag. Natur. Hist., (4) 11: 306.  
 1949 *Mesoclemmys gibba* – Orcés, Bol. Inf. Cienc. Nac., 3: 16.  
 1956 *Mesoclemmys giba* Donoso-Barros (ex errore), Publ. Ocas. Mus. Nac. Hist. Natur., 8: 6.  
 1960 *Phrynops (Mesoclemmys) gibba* – Medem, Cالداسيا, 8: 350.  
 1999 *Mesoclemmys gibbus* – Richard, Tortug. Reg. árid. Argentina: 24.

**Distribution:** Northern South America (central and northern Peru, southeastern and eastern Colombia, southwestern and northeastern Venezuela, Guyana, Surinam, French Guiana, northeastern Brazil, Trinidad).

### *Mesoclemmys heliostemma* (McCord, Joseph-Ouni & Lamar, 2001)

- 2001 *Batrachemys heliostemma* McCord, Joseph-Ouni & Lamar, Intern. J. Tropic. Biol. Conserv., 49: 715; figs 1F, 3–4, 6, 8B. – Type locality: base of Pico da Neblina (Venezuelan/Brazil border) on left bank of Río Barua [Río Mawarinuma; 4°95'N 66°10'W], a tributary of the Río Negro, Amazonas, Venezuela.

- 2005 *Batrachemys heliostema* Ávila Pires in Hollowell & Reynolds (ex errore), Checklist Terrestr. Vertebr. Guiana Shield: 39.
- 2005 *Mesoclemmys heliostemma* – Bour & Zaher, Pap. Avuls. Zool., 45: 296.

**Distribution:** Northern South America (upper Amazon Basin, from southern Venezuela, western Brazil, northeastern Peru and eastern Ecuador to southeastern Colombia; McCord et al. 2001).

***Mesoclemmys hogei* (Mertens, 1967)**

- 1967 *Phrynops hogei* Mertens, Senckenb. biol., 48: 73; figs 1–2. – Type locality: Rio Pequena, southwest of São Paulo, Brazil (in error for Rio Pequeno, southeast of São Paulo; Vanzolini in Rhodin et al. 1982).
- 1998 *Mesoclemmys hogei* – Cabrera, Tortug. Cont. Sudamér. Austral: 65.
- 2001 *Ranacephala hogei* – McCord, Joseph-Ouni & Lamar, Intern. J. Tropic. Biol. Conserv., 49: 715.

**Distribution:** Southeastern Brazil (Rio Paraíba drainage of Rio de Janeiro and southern Minas Gerais, adjacent coastal regions of state of Espírito Santo at least as far north as Rio Itapemirim).

***Mesoclemmys nasuta* (Schweigger, 1812)**

- 1812 *Emys nasuta* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 298. – Restricted type locality (Bour & Pauler 1987): Ouaqui and Inini Rivers, Maroni basin, French Guiana.
- 1829 *Emys barbatula* Gravenhorst, Delic. Mus. Zool. Vratislav., Rept., 1, Chelon. Batrach.: 15; plate 5: figs 3–4. – Type locality: unknown.
- 1830 *Rhinemys nasuta* – Wagler, Natürl. Syst. Amphib.: 134.
- 1831 *Emys nasua* Gray (ex errore), Synops. Rept., 1 (Cataphracta): 41.
- 1831 *Hydraspis barbatula* – Gray, Synops. Rept., 1 (Cataphracta): 43.
- 1835 *Platemys schweiggerii* Duméril & Bibron (nomen novum pro *Emys nasuta* Schweigger, 1812), Erpétol. gén., Hist. natur. Rept., 2: 435.
- 1836 *Hydraspis (Rhinemys) nasuta* – Bonaparte, Chel. Tab. Analyt.: 8.
- 1862 *Platemys nasuta* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 47.
- 1873 *Hydraspis maculata* Gray, Ann. Mag. Natur. Hist., (4) 11: 305. – Type locality: Venezuela.
- 1889 *Platemys schweiggeri* Boulenger (ex errore), Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 218.
- 1904 ? *Phrynops walbaumi* Fitzinger in Siebenrock (nomen nudum), Denkschr. Akad. Wiss. Wien, math.-naturwiss. Kl., 76: 20.
- 1909 *Batrachemys nasuta* – Stejneger, Proc. Biol. Soc. Washington, 22: 127.
- 1958 *Phrynops (Batrachemys) nasuta* – Zangerl & Medem, Bull. Mus. Comp. Zool., 119: 378.
- 1970 *Phrynops nasutus* – Mertens, Senckenb. biol., 51: 17.
- 1973 *Phrynops nasutus* Bour (ex errore), Bull. Soc. zool. France, 98: 188.
- 1973 *Phrynops nasutus nasutus* – Bour, Bull. Soc. zool. France, 98: 185.
- 1975 *Hydraspis macula* Lescure & Fretey (ex errore), Bull. Mus. Nat. Hist. natur. Paris, 3e sér., Zool., 239: 1325.
- 1979 *Phrynops nasuta nasuta* – Pritchard, Encyclopedia of Turtles: 440.
- 1988 *Batrachemys nasutus* – Anan'eva in Anan'eva, Borkin, Darevskii & Orlov, Slovar nazvanii zhivotnykh, Amfibii i reptilii: 140.
- 2005 *Mesoclemmys nasuta* – Bour & Zaher, Pap. Avuls. Zool., 45: 296.

**Distribution:** Northeastern South America (Guyanas).

***Mesoclemmys perplexa* Bour & Zaher, 2005**

- 2005 *Mesoclemmys perplexa* Bour & Zaher, Pap. Avuls. Zool., 45: 298; figs 3–4. – Type locality: Olho d'Água da Santa, southern part of the Parque Nacional da Serra das Confusões, state of Piauí, Brazil.

**Distribution:** Southern part of the Parque Nacional da Serra das Confusões, state of Piauí, Brazil (Bour & Zaher 2005).

### *Mesoclemmys raniceps* (Gray, 1856)

- 1856 *Hydraspis raniceps* Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 55; plate 23. – Type locality: Pará, Brazil.
- 1862 *Platemys raniceps* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7): 47.
- 1904 ? *Phrynops walbaumi* Fitzinger in Siebenrock (nomen nudum), Denkschr. Akad. Wiss. Wien, math.-naturwiss. Kl., 76: 20.
- 1969 *Phrynops wermuthi* Mertens, Senckenb. biol., 50: 132. – Restricted type locality (Bour & Pauler 1987, incorrectly credited to Pritchard & Trebbau 1984): Iquitos (3°50'S 73°15'W), Loreto, Peru.
- 1973 *Phrynops tuberculatus wermuthi* – Bour, Bull. Soc. zool. France, 98: 184.
- 1975 *Phrynops (Batrachemys) nasutus wermuthi* – Lescure & Fretey, Bull. Mus. Nat. Hist. natur. Paris, 3e sér., Zool., 239: 1324.
- 1979 *Phrynops nasuta wermuthi* – Pritchard, Encyclopedia of Turtles: 441.
- 1987 *Phrynops raniceps* – Bour & Pauler, Mésogée, 47: 8.
- 1998 *Batrachemys raniceps* – Cabrera, Tortug. Cont. Sudamér. Austral: 64.
- 2004 *Batrachemys raniceps raniceps* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.
- 2004 *Batrachemys raniceps wermuthi* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.
- 2005 *Mesoclemmys raniceps* – Bour & Zaher, Pap. Avuls. Zool., 45: 296.

**Distribution:** Amazon Basin, South America (from eastern Ecuador and Peru, northwestern Brazil, and northern Bolivia to Venezuela to the state of Pará in northern Brazil).

### *Mesoclemmys tuberculata* (Luederwaldt, 1926)

- 1926 *Rhinemys tuberculata* Luederwaldt, Rvta. Mus. Paulista, 14: 428; plate. – Type locality: Villa Nova, Bahia, Brazil.
- 1957 *Batrachemys tuberculata* – Fróes, Iheringia Zool., 2: 18.
- 1958 *Phrynops (Batrachemys) tuberculata* – Zangerl & Medem, Bull. Mus. Comp. Zool., 119: 378.
- 1970 *Phrynops (Batrachemys) tuberculatus* – Mertens, Senckenb. biol., 51: 19.
- 1973 *Phrynops tuberculatus tuberculatus* – Bour, Bull. Soc. zool. France, 98: 184.
- 1979 *Batrachemys tuberculata* Nutaphand (ex errore), Turtles of Thailand: 44.
- 1996 *Phrynops tubercularis* Rogner (ex errore), Schildkröten, 2: 208.
- 2005 *Mesoclemmys tuberculata* – Bour & Zaher, Pap. Avuls. Zool., 45: 296.

**Distribution:** Northeastern Brazil (Ceará, Rio Grande do Norte, Paraíba, Alagoas, Sergipe, Bahia).

### *Mesoclemmys vanderhaegei* (Bour, 1973)

- 1840 *Phrynops schoepfii* Fitzinger in Diesing (nomen nudum), Ann. Wien. Mus. Naturgesch., 2: 237.
- 1965 *Phrynops paraguayensis* Vanzolini in Donoso-Barros (nomen nudum), Ocas. Pap. Mus. Nac. Hist. Natur., 8: 5.
- 1973 *Phrynops tuberculatus vanderhaegei* Bour, Bull. Soc. zool. France, 98: 175; plate 1: figs 1–3, 5, 7 (left). – Restricted type locality (Bour & Pauler 1987): Tobati (25°05'S 57°04'W), La Cordillera, Paraguay.
- 1979 *Phrynops (Batrachemys) vanderhaegei* – Pritchard, Encyclopedia of Turtles: 793.
- 1994 *Batrachemys vanderhaegei* – Lema, Comun. Mus. Ciênc. Tecnol. PUCRS, Sér. Zool., 7: 49.
- 2001 *Bufocephala vanderhaegei* – McCord, Joseph-Ouni & Lamar, Intern. J. Tropic. Biol. Conserv., 49: 715.
- 2004 *Bufocephalus vanderhaegei* – Joseph-Ouni, Zoogeogr. Turtl., Croc. Tuataras, 2003: 17.
- 2005 *Mesoclemmys vanderhaegei* – Bour & Zaher, Pap. Avuls. Zool., 45: 296.
- 2006 *Bufocephala (Phrynops) vanderhaegi* Bonin, Devaux & Dupré (ex errore), Turtles of the World: 28.

**Distribution:** Paraguay, adjacent Brazil, Argentina, and perhaps Bolivia.



**Mesoclemmys zuliae** (Pritchard & Trebbau, 1984)

- 1984 *Phrynops (Batrachemys) zuliae* Pritchard & Trebbau, *Turtles of Venezuela*: 4; fig. 24; plates 9, 33G–H, 34B–F. – Type locality: Caño Madre Vieja near El Guayabo (8°53'N 72°30'W), Distrito Colón, Edo. Zulia, Venezuela.
- 1988 *Batrachemys zuliae* – Groombridge, *World Checklist Threat. Amphib. Rept.*: 28.
- 2005 *Mesoclemmys zuliae* – Bour & Zaher, *Pap. Avuls. Zool.*, 45: 296.

Distribution: Maracaibo Basin, Venezuela.

**Phrynops** Wagler, 1830

- 1830 *Phrynops* Wagler, *Natürl. Syst. Amphib.*: 135. – Type species (by monotypy): *Phrynops (Emys) geoffroana* (Schweigger, 1812) = *Phrynops geoffroanus* (Schweigger, 1812).
- 1872 *Spatulemys* Gray, *Ann. Mag. Natur. Hist.*, (4) 10: 463. – Type species (by monotypy): *Spatulemys lasalae* Gray, 1872 = *Phrynops hilarii* (Duméril & Bibron, 1835).

Comment: See under *Mesoclemmys* Gray, 1873.

**Phrynops geoffroanus** (Schweigger, 1812)

- 1812 *Emys geoffroana* Schweigger, *Königsberg. Arch. Naturwiss. Math.*, 1: 302. – Type locality: Brazil.
- 1820 *Emys depressa* Merrem [non *Emys depressa* Spix, 1824 = *Acanthochelys spixii* (Duméril & Bibron, 1835)], *Tentam. Syst. Amphib.*: 22. – Type locality: Brazil.
- 1824 *Emys viridis* Spix, *Anim. nova s. Spec. nov. Testud. Brasil.*: 3; plate 2: fig. 3, plate 3: fig. 1. – Type locality: Rio Carinhanhae, tributary of Rio San Francisco, Brazil.
- 1826 *Chelodina geoffroana* – Fitzinger, *Neue Classif. Rept.*: 45.
- 1830 *Phrynops geoffroanus* – Wagler, *Natürl. Syst. Amphib.*: 136.
- 1831 *Chelys (Hydraspis) depressa* – Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 16.
- 1831 *Chelys (Hydraspis) viridis* – Gray in Griffith & Pidgeon, *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 16.
- 1831 *Emys geoffroyana* Gray in Griffith & Pidgeon (ex errore), *Anim. Kingd. Cuvier*, 9, *Synops. Spec. Class Rept.*: 16.
- 1831 *Hydraspis depressa* – Gray, *Synops. Rept.*, 1 (Cataphracta): 41.
- 1831 *Hydraspis viridis* – Gray, *Synops. Rept.*, 1 (Cataphracta): 41.
- 1833 *Platemys geoffroana* – Wagler, *Descr. Icon. Amphib.*: plate 26.
- 1835 *Platemys geoffreana* Duméril & Bibron (ex errore), *Erpétol. gén., Hist. natur. Rept.*, 2: 418.
- 1835 *Platemys neuwiedii* Duméril & Bibron (nomen novum pro *Emys depressa* Merrem, 1820), *Erpétol. gén., Hist. natur. Rept.*, 2: 425.
- 1835 *Platemys waglerii* Duméril & Bibron, *Erpétol. gén., Hist. natur. Rept.*, 2: 422. – Type locality: Brazil.
- 1835 *Hydraspis (Phrynops) geoffroana* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 126.
- 1835 *Phrynops geoffroana* – Fitzinger, *Ann. Wien. Mus. Naturgesch.*, 1, 1836: 126.
- 1835 *Emys geoffroiana* Temminck & Schlegel in Siebold (ex errore), *Fauna Japon.*, *Rept.*: 46.
- 1844 *Hydraspis wagleri* Gray (ex errore), *Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.*: 40.
- 1844 *Phrynops geoffroyana* – Gray, *Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.*: 41.
- 1856 *Hydraspis geoffroyana* – Gray, *Cat. Shield Rept. Coll. Brit. Mus.*, 1 (Testud.), 1855: 57.
- 1862 *Platemys depressa* – Strauch, *Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 5 (7)*: 47.
- 1868 *Platemys geoffreyana* Hensel (ex errore), *Archiv Naturgesch.*, 1868: 350.
- 1868 *Platemys geoffroyana* – Hensel, *Archiv Naturgesch.*, 1868: 354.
- 1889 *Platemys wagleri* – Boulenger, *Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.)*: 225.
- 1890 *Rhinemys geoffroana* – Baur, *Amer. Natural.*, 24: 485.
- 1895 *Hydraspis boulengeri* Bohls, *Zool. Anz.*, 18: 53; fig. – Type locality: northern Paraguay.
- 1909 *Phrynops wagleri* – Stejneger, *Proc. Biol. Soc. Washington*, 22: 127.

- 1926 *Hydraspis lutzi* Ihering in Luederwaldt, Rvta. Mus. Paulista, 14: 441; plate. – Type locality: Mogy-Guassú, state of São Paulo, Brazil.
- 1939 *Phrynops geoffroana geoffroana* – Müller, Physis, 16: 95.
- 1950 *Phrynops geoffroyana* – Williams, Bull. Amer. Mus. Natur. Hist., 94: 552.
- 1961 *Phrynops geoffroanus geoffroanus* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.
- 1979 *Phrynops boulengeri* – Pritchard in Harless & Morlock, Turtles, Perspectives & Research: 38.
- 1979 *Phrynops lutzi* – Pritchard in Harless & Morlock, Turtles, Perspectives & Research: 38.
- 1997 *Phrynops (Phrynops) geoffroannus* Seddon, Georges, Baverstock & McCord (ex errore), Mol. Phylogenet. Evol., 7: 56.
- 2001 *Phrynops geoffranus* Ippi & Flores (ex errore), Acta Zool. Mex., 84: 62.

**Distribution:** Northwestern and central South America (eastern Colombia and Peru, Bolivia, Paraguay, northern Argentina and Uruguay, western and southern Brazil).

### *Phrynops hilarii* (Duméril & Bibron, 1835)

- 1835 *Platemys hilarii* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 428. – Type locality: Brazil.
- 1844 *Hydraspis hilairii* Gray (ex errore), Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 40.
- 1856 *Hydraspis hilarii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 57.
- 1872 *Spatulemys lasalae* Gray, Ann. Mag. Natur. Hist., (4) 10: 463. – Type locality: Río Paraná, Corrientes.
- 1898 *Hydraspis hilari* Koslowsky (ex errore), Rev. Mus. La Plata, 8: 200.
- 1905 *Hydraspis geoffroyanus hilarii* – Siebenrock, Zool. Anz., 29: 426.
- 1909 *Phrynops hilarii* – Stejneger, Proc. Biol. Soc. Washington, 22: 127.
- 1926 *Hydraspis geoffroyana* var. *hilarii* – Luederwaldt, Rvta. Mus. Paulista, 14: 434.
- 1939 *Phrynops geoffroana hilarii* – Müller, Physis, 16: 95.
- 1961 *Phrynops geoffroanus hilarii* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.
- 1967 *Hydraspis hilairi* Pritchard (ex errore), Living Turtles of the World: 234.
- 1967 *Phrynops (Phrynops) geoffroanus hilairi* – Pritchard, Living Turtles of the World: 266.
- 1967 *Phrynops (Phrynops) geoffroanus hilairii* – Pritchard, Living Turtles of the World: 234.
- 1967 *Phrynops hilari* – Goode, Freshw. Tort. Austral. New Guinea: 26.

**Distribution:** Eastern central South America (southern Brazil and Paraguay, northeastern Argentina, Uruguay).

### *Phrynops tuberosus* (Peters, 1870)

- 1870 *Platemys tuberosa* Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1870: 311; plates 1–2. – Type locality: Cotinga River at Roraima Mts., British Guiana.
- 1870 *Hydraspis tuberosa* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 75.
- 1909 *Phrynops tuberosa* – Stejneger, Proc. Biol. Soc. Washington, 22: 127.
- 1939 *Phrynops geoffroana tuberosa* – Müller, Physis, 16: 95.
- 1961 *Phrynops geoffroanus tuberosus* – Wermuth & Mertens, Schildkr., Krokod., Brückenechs.: ix.
- 1981 *Phrynops (Phrynops) tuberosus* – Freiberg, Turtles of South America: 69.
- 1982 *Phrynops geoffroanus tuberculosa* Miyata (ex errore), Smithson. Herpetol. Inform. Serv., 54.: 11.

**Distribution:** Northeastern South America (eastern and southern Venezuela, Guyanas, Surinam, northeastern Brazil).

### *Phrynops williamsi* Rhodin & Mittermeier, 1983

- 1983 *Phrynops williamsi* Rhodin & Mittermeier in Rhodin & Miyata, Advanc. Herpetol. Evol. Biol.: 58; figs 1–4, 5 (left), 6. – Type locality: Rio Cadea, Rio Grande do Sul, Brazil.

**Distribution:** Santa Catarina and Rio Grande do Sul, Brazil, northern half of Uruguay and adjacent regions of Argentina and Paraguay.

**Platemys** Wagler, 1830

- 1830 *Platemys* Wagler, Natürl. Syst. Amphib.: 135. – Type species (by monotypy): *Platemys planiceps* (Schneider, 1792) = *Platemys platycephala* (Schneider, 1792).

***Platemys platycephala*** (Schneider, 1792)

Distribution: Northern South America.

***Platemys platycephala platycephala*** (Schneider, 1792)

- 1792 *Testudo platycephala* Schneider, Schr. Ges. naturforsch. Freunde Berlin, 10: 261. – Designated type locality (Ernst 1984): Cayenne, French Guiana.
- 1792 *Testudo planiceps* Schneider (non *Testudo planiceps* Gray, 1854 = not identified subspecies of *Chelonoidis nigra* complex), Schr. Ges. naturforsch. Freunde Berlin, 10: 259; plate 7. – Designated type locality (Martin in Schweigger 1812): Cayenne, French Guiana.
- 1801 *Testudo planiceps* f. *platycephala* – Schoepff, Hist. Testud. Icon. illustr.: 115.
- 1803 *Testudo martinella* Daudin, Hist. natur. gén. part. Rept., 8: 344. – Designated type locality (Duméril & Bibron 1835): Cayenne, French Guiana.
- 1812 *Emys discolor* Thunberg in Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 302. – Designated type locality (Ernst 1984): Cayenne, French Guiana.
- 1812 *Emys planiceps* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 303.
- 1823 *Testudo dicolor* Ekstrand (ex errore), Fauna brasiliensis: 6.
- 1824 *Emys canaliculata* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 10; plate 8. – Type locality: Rio Solimões.
- 1828 *Hydraspis canaliculata* – Bell, Zool. J., 3: 512.
- 1828 *Hydraspis planiceps* – Bell, Zool. J., 3: 512.
- 1828 *Clemmys planiceps* – Ritgen, Acad. caes. leop.-carol., 14: 272.
- 1829 *Emys carunculata* Cuvier (ex errore pro *Emys canaliculata* Spix, 1824), Règne animal, Ed. 2, 2: 11.
- 1829 *Emys platicephala* Cuvier (ex errore), Règne animal, Ed. 2, 2: 11.
- 1830 *Platemys planiceps* – Wagler, Natürl. Syst. Amphib.: 135.
- 1831 *Chelys (Hydraspis) planiceps* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 16.
- 1831 *Emys caniculata* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 16.
- 1831 *Emys constricta* Cuvier in Gray in Griffith & Pidgeon (nomen nudum), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.
- 1831 *Hydraspis constricta* Gray, Synops. Rept., 1 (Cataphracta): 43. – Designated type locality (Ernst 1984): Belem, Brazil.
- 1833 *Emys martirella* Schinz (ex errore), Naturgesch. Abb. Rept.: 45.
- 1833 *Platemys canaliculata* – Wagler, Descr. Icon. Amphib.: plate 4: figs 1–26.
- 1835 *Platemys martinella* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 407.
- 1835 *Hydraspis (Phrynops) discolor* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 126.
- 1889 *Platemys platycephala* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.
- 1903 *Platemys platicephala* – Kasper, Arb. Zool. Inst. Wien, 14: 161.
- 1945 *Platemys platemys* Dunn (ex errore pro *Testudo platycephala* Schneider, 1792), Caldasia, Bogotá, 3: 327.
- 1949 *Platemys platycephala* Orcés (ex errore), Bol. Inform. Cienc. Nac., 3: 21.
- 1984 *Platemys platycephala platycephala* – Ernst, J. Herpetol., 17, 1983: 347.

Distribution: Northeastern South America (Caribbean drainages of Venezuela and the Guianas and Amazon drainages as far upstream as the Ríos Purus, Juruá, Yavari and Putumayo; it intergrades *Platemys platycephala melanonota* Ernst, 1984 in the Río Marmoré drainage, Bolivia, and the Ríos Madre de Dios, Purus, and Ucayali, Peru).

***Platemys platycephala melanonota* Ernst, 1984**

- 1984 *Platemys platycephala melanonota* Ernst, J. Herpetol., 17, 1983: 347; fig. 2 (bottom). – Type locality: vicinity of Galilea (4°01'S 77°47'W), on the Río Santiago, Amazonas, Peru.  
1996 *Platemys platycephala melanota* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turt.: 221.

**Distribution:** Northwestern South America [upper Amazon drainages of the Ríos Santiago and Cenepa, Peru, and the Ríos Napo and Curaray, Ecuador; for intergradation with *Platemys platycephala platycephala* (Schneider, 1792) see under this subspecies].

***Pseudemydura* Siebenrock, 1901**

- 1901 *Pseudemydura* Siebenrock, Anz. Akad. Wiss. Wien, math.-naturwiss. Kl., 22: 248. – Type species (by monotypy): *Pseudemydura umbrina* Siebenrock, 1901.

***Pseudemydura umbrina* Siebenrock, 1901**

- 1901 *Pseudemydura umbrina* Siebenrock, Anz. Akad. Wiss. Wien, math.-naturwiss. Kl., 22: 249. – Type locality: Australia.  
1954 *Emydura inspectata* Glauert, West. Austral. Naturalist, 4: 125; fig. – Type locality: Warbrock, 24 miles north of Perth.

**Distribution:** Southwestern Australia (from Bullsbrook 25 km southward to Perth).

***Rheodytes* Legler & Cann, 1980**

- 1980 *Rheodytes* Legler & Cann, Contrib. Sci. Natur. Hist. Mus. Los Angeles Co., 324: 1. – Type species (by monotypy): *Rheodytes leukops* Legler & Cann, 1980.

***Rheodytes leukops* Legler & Cann, 1980**

- 1980 *Rheodytes leukops* Legler & Cann, Contrib. Sci. Natur. Hist. Mus. Los Angeles Co., 324: 1; figs 1–4, 5 (bottom), 6 (bottom), 7. – Type locality: Fitzroy River, 63 km N and 25 km E of Duaranga (23°09'S 149°55'E), Queensland, Australia.  
1983 *Rheodytes leucops* Georges (ex errore), J. Zool., 201: 332.  
1984 *Elseya leukops* – Wells & Wellington, Austr. J. Herpetol., 1 (3–4), 1983: 74.

**Distribution:** Fitzroy River and its tributaries, mid-eastern Queensland, Australia.

***Rhinemys* Wagler, 1830**

- 1830 *Rhinemys* Wagler, Natürl. Syst. Amphib.: 134. – Subsequently designated type species (Fitzinger 1843): “*Rhinemys rufipes* Wagl.” = *Rhinemys rufipes* (Spix, 1824).

**Comment:** See under *Mesoclemmys* Gray, 1873.

***Rhinemys rufipes* (Spix, 1824)**

- 1824 *Emys rufipes* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 7; plate 6. – Type locality: Rio Solimões.  
1828 *Hydraspis rufipes* – Bell, Zool. J., 3: 512.

- 1830 *Rhinemys rufipes* – Wagler, Natürl. Syst. Amphib.: 134.  
 1831 *Chelys (Hydraspis) rufipes* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 16.  
 1835 *Platemys rufipes* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 433.  
 1844 *Phrynops rufipes* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 41.

Distribution: North-central South America (southern Colombia, adjacent Brazil).

## Family **Pelomedusidae** Cope, 1868

### **Pelomedusa** Wagler, 1830

- 1830 *Pelomedusa* Wagler (nomen conservandum: Opinion 1534, ICZN 1989), Natürl. Syst. Amphib.: 136. – Type species (by monotypy): *Pelomedusa galeata* (Schoepff, 1792) = *Pelomedusa subrufa* (Lacépède, 1788).  
 1835 *Pentonyx* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 389. – Type species (by original designation): *Pentonyx galeata* (Schoepff, 1792) = *Pelomedusa subrufa* (Lacépède, 1788).

### **Pelomedusa subrufa** (Lacépède, 1788)

- 1778 ? *Testudo planitia* Meuschen [non *Testudo planitia* Gmelin, 1789 = *Macrochelys temminckii* (Troost, 1835) according to Bour 1987a], Mus. Gronov., sive Index Rer. natur.: 11. – Type locality: unknown.  
 1788 *Testudo subrufa* Lacépède, Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 173; plate 12. – Designated type locality (Bour 1982b): Fort-Dauphin, Madagascar (but given with Cape of Good Hope, South Africa in Bour 1985b).  
 1792 *Testudo galeata* Schoepff (nomen conservandum: Opinion 1534, ICZN 1989), Hist. Testud. Icon. illustr.: 12; plate 3: fig. 1. – Restricted type locality (Hewitt 1935): Cape Flats, Cape Peninsula.  
 1798 *Testudo badia* Donndorff, Zool. Beytr., 3: 34. – Type locality: unknown.  
 1798 *Testudo rubicunda* Suckow, Anfangsgr. Naturgesch. Thiere, 3: 49. – Type locality: East India (in error).  
 1812 *Emys galeata* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 307.  
 1812 *Emys olivacea* Schweigger [non *Emys olivacea* Gray, 1856 = *Trachemys stejnegeri stejnegeri* (Schmidt, 1928)?], Königsberg. Arch. Naturwiss. Math., 1: 307. – Type locality: Senegal.  
 1812 *Emys subrufa* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 308.  
 1828 *Hydraspis galeata* – Bell, Zool. J., 3: 515.  
 1830 *Pelomedusa galeata* – Wagler, Natürl. Syst. Amphib.: 136.  
 1830 *Pelomedusa subrufa* – Wagler (species doubtfully included in *Pelomedusa*), Natürl. Syst. Amphib.: 136.  
 1831 *Chelys (Hydraspis) subrufa* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 15.  
 1831 *Hydraspis subrufa* – Gray, Synops. Rept., 1 (Cataphracta): 39.  
 1835 *Pentonyx capensis* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 390; plate 19: figs 2, 2b. – Restricted type locality (Mertens 1937): Cape of Good Hope.  
 1835 *Pentonyx galeata* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 389.  
 1835 *Emys (Emys) capensis* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 123.  
 1835 *Hydraspis (Pelomedusa) galeata* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1835 *Hydraspis (Pelomedusa) olivacea* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1835 *Hydraspis (Pelomedusa) planitia* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
 1835 *Pentonyx gehafie* Rüppell, Neue Wirbelth. Abyss., Amphib.: 2; plate 1. – Restricted type locality (Mertens 1937): Massaua.  
 1844 *Pelomedusa gehafiae* Gray (ex errore), Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 38.

- 1849 *Pentonyx americana* Cornalia, *Vertebr. Synops. Mus. Mediol.*: 13. – Type locality: New York (in error).
- 1856 *Pelomedusa mossambicensis* Peters in Lichtenstein (nomen nudum), *Nomencl. Rept. Amphib. Mus. zool. berlin.*: 2.
- 1856 *Pelomedusa mozambica* Peters in Gray (nomen nudum), *Cat. Shield Rept. Coll. Brit. Mus.*, 1 (Testud.), 1855: 53.
- 1863 *Pelomedusa nigra* Gray, *Ann. Mag. Natur. Hist.*, (3) 12: 99. – Type locality: Natal.
- 1884 *Pelomedusa gasconi* Rochebrune, *Faune Sénégalie*, *Rept.*: 25; plate 1: figs 1–2. – Restricted type locality (Loveridge 1941): Dagana, Senegal.
- 1910 *Pelomedusa galeata* var. *disjuncta* Vaillant & Grandidier, *Hist. phys. natur. pol. Madagascar*, *Rept.*, 17: 56; plate 20: fig. 3. – Restricted type locality (Loveridge 1941): shore of Lake Abaya, Sidamo, Ethiopia.
- 1935 *Pelomedusa galeata damarensis* Hewitt, *Rec. Albany Mus.*, 4: 338; plate 33: figs 1–4. – Type locality: Quickborn near Okahandja, S. W. Africa.
- 1935 *Pelomedusa galeata devilliersi* Hewitt, *Rec. Albany Mus.*, 4: 337; plate 31: figs 2, 4. – Type locality: Besondermeid, Steinkop, Namaqualand.
- 1935 *Pelomedusa galeata galeata* – Hewitt, *Rec. Albany Mus.*, 4: 342.
- 1935 *Pelomedusa galeata nigra* – Hewitt, *Rec. Albany Mus.*, 4: 335.
- 1935 *Pelomedusa galeata orangensis* Hewitt, *Rec. Albany Mus.*, 4: 332; plate 31: fig. 3; plate 32: figs 3–4. – Restricted type locality (Mertens 1937): Kimberly.
- 1935 *Pelomedusa galeata subrufa* – Hewitt, *Rec. Albany Mus.*, 4: 326.
- 1936 *Pelomedusa galeata gehafie* – Parker, *Ann. Mag. Natur. Hist.*, (10) 18: 609.
- 1937 *Pelomedusa subrufa subrufa* – Mertens, *Veröff. Deutsch. Kolon. Übersee-Mus.*, 2: 3.
- 1937 *Pelomedusa subrufa damarensis* – Mertens, *Abh. Senckenb. naturforsch. Ges.*, 435: 5.
- 1937 *Pelomedusa subrufa gehafie* – Mertens, *Zool. Anz.*, 117: 140.
- 1937 *Pelomedusa subrufa wettsteini* Mertens, *Zool. Anz.*, 117: 141; figs 1, 4. – Type locality: Majunga, West Madagascar.
- 1937 *Pelomedusa subrufa orangensis* – Hewitt, *Guide Vertebr. Fauna East. Cape Prov., South Afr. II, Rept., Amph. Freshw. Fishes*: 14.
- 1941 *Pelomedusa subrufa olivacea* – Loveridge, *Bull. Mus. Comp. Zool.*, 88: 468.
- 1955 *Pelomedusa subrufa damaranus* Heck (ex errore), *DATZ*, 8: 274.
- 1986 *Pelomedusa subrufa nigra* – Bour, *Stud. Geol. Salmant., Stud. Palaeocheloniol.*, 2: 37.

**Distribution:** Southern Arab Peninsula; subtropical and tropical Africa from Ethiopia, southern Saudi Arabia and Yemen, and the Sudan westward to Ghana, Senegal, Mali, Nigeria, and Cameroon, and southward to Cape Provinces of South Africa; Madagascar.

**Comment:** Traditionally, two to three subspecies were distinguished, *Pelomedusa subrufa subrufa* (Lacépède, 1788) (Ghana east to Somalia and southward to Cape of Africa, western Madagascar), *P. s. nigra* Gray, 1863 (southeastern Republic of South Africa), and *P. s. olivacea* (Schweigger, 1812) (central Africa from Senegal to Ethiopia, Yemen, southwestern Saudi Arabia). According to Gasperetti et al. (1993), *P. subrufa* should be treated as a monotypical species because morphological variation does not conform with the suggested subspecies delineation. We feel that a rangewide morphological and phylogeographic investigation is in urgent need for a re-evaluation of geographic variation. A lacking geographic differentiation seems unlikely considering the wide range of *P. subrufa*.

## ***Pelusios* Wagler, 1830**

- 1830 *Pelusios* Wagler (nomen conservandum: Opinion 1534, ICZN 1989), *Natürl. Syst. Amphib.*: 137. – Subsequently designated type species (Fitzinger 1843): “*Pelusios subniger* Wagl.” = *Pelusios subniger subniger* (Lacépède, 1788).
- 1846 *Pelusios* Agassiz (nomen novum), *Nomencl. zool., Index univ.*: 278.
- 1863 *Anota* Gray (non *Anota* Hallowell, 1852 = Sauria), *Proc. Zool. Soc. London*, 1863: 196. – Type species (by monotypy): *Sternothaerus (Anota) niger* (Duméril & Bibron, 1835) = *Pelusios niger* (Duméril & Bibron, 1835).

- 1863 *Notoa* Gray, Proc. Zool. Soc. London, 1863: 195. – Type species (by monotypy): *Sternothaerus (Notoa) subniger* (Lacépède, 1788) = *Pelusios subniger subniger* (Lacépède, 1788).  
 1863 *Tanoa* Gray, Proc. Zool. Soc. London, 1863: 193. – Subsequently designated type species (Lindholm 1929): *Sternothaerus (Tanoa) sinuatus* (Smith, 1838) = *Pelusios sinuatus* (Smith, 1838).

***Pelusios adansonii*** (Schweigger, 1812)

- 1812 *Emys adansonii* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 308. – Restricted type locality (Loveridge 1941): Cape Verde, Senegal.  
 1831 *Chelys (Hydraspis) adansonii* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 15.  
 1831 *Hydraspis adansonii* – Gray, Synops. Rept., 1 (Cataphracta): 40.  
 1835 *Pentonyx andansonii* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 394.  
 1844 *Pelomedusa adansonii* – Gray, Cat. Tort. Crocod. Amphisb. Coll. Brit. Mus.: 38.  
 1851 *Sternotherus adansonii* – Duméril & Bibron in Duméril & Duméril, Cat. method. Coll. Rept.: 19.  
 1856 *Sternothaerus adansonii* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 52.  
 1889 *Pentonyx adansonii* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 196.  
 1919 *Pelusios adansonii* – Schmidt, Bull. Amer. Mus. Natur. Hist., 39: 402.  
 1934 *Pelusios adasoni* Mertens, Müller & Rust (ex errore), Bl. Aqu.- u. Terr.-Kunde, 45: 65.  
 1977 *Pelusios adansonii adansonii* – Wermuth & Mertens, Test., Crocod., Rhynchoceph., Tierreich, 100: xvii.  
 1985 *Pelusios adasoni adasoni* – Obst, Welt der Schildkröten: 223.

Distribution: Central Africa from Senegal to Sudan.

***Pelusios bechuanicus*** FitzSimons, 1932

- 1932 *Pelusios bechuanicus* FitzSimons, Ann. Transvaal Mus., 15: 37. – Type locality: Thamalakane River at Maun, Ngamiland [Botswana].  
 1971 *Pelusios castaneus bechuanicus* – Mertens, Abh. Senckenb. naturforsch. Ges., 529: 6.  
 1981 *Pelusios bechuanicus bechuanicus* – Broadley, Occ. Pap. Nat. Mus. Rhodesia, B Natur. Sci., 6: 637.

Distribution: Southeastern Angola to Namibia, Botswana, Zambia and Zimbabwe.

***Pelusios broadleyi*** Bour, 1986

- 1986 *Pelusios broadleyi* Bour, Stud. Geol. Salmant., Stud. Palaeocheloniol., 2 (2): 23; plates II.2, III, IV.2, V: fig. 2. – Type locality: small stream, Loiengalani (2°43'N 36°43'E), Marsabit District, Kenya.  
 2006 *Pelusios broadlyi* Wood (ex errore), Chelonii, 4: 127.

Distribution: Southeastern shores of Lake Turkana, Marsabit District, Kenya.

***Pelusios carinatus*** Laurent, 1956

- 1956 *Pelusios carinatus* Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 48: 26; plate 6. – Type locality: Eala, Equator Province, Democratic Republic of Congo.

Distribution: Gabon, Congo-Brazzaville, Democratic Republic of Congo.

***Pelusios castaneus*** (Schweigger, 1812)

- 1812 *Emys castanea* Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 314. – Restricted type locality (Bour 1979): West Africa (but given with “Afrique occidentale. Etats du golfe de Guinée” in Bour 1985b).

- 1825 *Sternothaerus leachianus* Bell, Zool. J., 2: 306; plate 15. – Type locality: unknown.  
1830 *Pelusios castaneus* – Wagler, Natürl. Syst. Amphib.: 137.  
1831 *Chelys (Sternotherus) castaneus* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 14.  
1831 *Sternotherus castaneus* – Gray, Synops. Rept., 1 (Cataphracta): 38.  
1835 *Sternotherus leachianus* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 396.  
1835 *Clemmys (Pelusios) castanea* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 125.  
1844 *Sternotherus derbianus* Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 37. – Restricted type locality (Loveridge 1941): Gambia.  
1856 *Sternothaerus castaneus* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 52.  
1856 *Sternothaerus derbianus* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 52.  
1906 *Sternothaerus nigricans castaneus* – Siebenrock in Voeltzkow, Reise Ost-Afr. 1903–1905, 2: 35.  
1907 *Sternothaerus nigricans* var. *castanea* – Boulenger, Mem. Proc. Manchester Philos. Soc., 51: 6.  
1919 *Pelusios derbianus* – Schmidt, Bull. Amer. Mus. Natur. Hist., 39: 402.  
1927 *Pelusios nigricans castaneus* – Hewitt, Rec. Albany Mus., 3: 375.  
1933 *Pelusios subniger castaneus* – Mertens, Senckenbergiana, 15: 263.  
1965 *Pelusios castaneus castaneus* – Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 135: 19.  
1965 *Pelusios castaneus derbianus* – Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 135: 11.  
1967 *Pelusios derbyanus* Pritchard (ex errore), Living Turtles of the World: 224.

**Distribution:** From Senegal to northwestern Angola and the Central African Republic in West Africa; Saõ Tome Islands. Introduced on Guadeloupe, Lesser Antilles.

### ***Pelusios castanoides* Hewitt, 1931**

**Distribution:** East Africa from Kenya southward to northeastern Republic of South Africa, Madagascar, Seychelles Islands.

### ***Pelusios castanoides castanoides* Hewitt, 1931**

- 1931 *Pelusios nigricans castanoides* Hewitt, Ann. Natal Mus., 6: 463; plate 36: figs 1–2. – Restricted type locality (Broadley 1981): Lake St. Lucia estuary, KwaZulu.  
1934 *Pelusios subniger castanoides* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 65.  
1979 *Pelusios castaneus kapika* Bour, Bull. Soc. Étud. sci. Anjou, 10, 1978: 144; figs 1, 5. – Type locality: Sambirano Delta, Diégo Suarez Province, northern Madagascar.  
1981 *Pelusios castaneus castanoides* – Broadley, Occ. Pap. Nat. Mus. Rhodesia, B Natur. Sci., 6: 638.  
1983 *Pelusios castanoides castanoides* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 345.  
1983 *Pelusios castanoides kapika* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 344.  
1995 *Pelusios castanoideus castanoideus* Gemel (ex errore), Emys, 2 (3): 11.

**Distribution:** East Africa from Kenya southward to northeastern Republic of South Africa, Madagascar.

### ***Pelusios castanoides intergularis* Bour, 1983**

- 1983 *Pelusios castanoides intergularis* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 345; figs 1B, 3B; plates 4, 6 (top). – Type locality: La Digue Island, Seychelles Islands.

**Distribution:** Seychelles Islands.

### ***Pelusios chapini* Laurent, 1965**

- 1965 *Pelusios castaneus chapini* Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 135: 19; plate 3. – Type locality: Kasenyi, Lake Albert, Bunia Territory, Ituri, Congo.



1983 *Pelusios chapini* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 349.

Distribution: Gabon (Maran 2002), Congo-Brazzaville, Democratic Republic of Congo, Uganda.

***Pelusios cupulatta* Bour & Maran, 2003**

2003 *Pelusios cupulatta* Bour & Maran, Manouria 6 (21): 28; figs 5–8, 10 (top), 11 (top), 12–15, 17. – Type locality: vicinity of San Pédro (20 km E; 4°50'N 6°47'W), Côte d'Ivoire, exactly between San Pédro (10 km W) and Grand Bérébi.

Distribution: Liberia, Ivory Coast, Ghana (Bour & Maran 2003).

***Pelusios gabonensis* (Duméril, 1856)**

1856 *Pentonyx gabonensis* Duméril, Rev. Mag. Zool., (2) 8: 373; plate 13: figs 2, 2a. – Type locality: Gabon.

1862 *Pelomedusa gabonensis* – Strauch, Mém. Acad. impér. Sci. St. Pétersbourg, Sér. 7, 8 (13): 45.

1863 *Pentonyx gaboensis* Gray (ex errore), Proc. Zool. Soc. London, 1863: 194.

1864 *Pelomedusa gabonica* Peters (ex errore), Monatsber. Preuß. Akad. Wiss. Berlin, 1864: 644.

1866 *Sternothaerus gabonensis* – Bocage, J. Sci. Lisboa, 1: 40.

1902 *Sternothaerus steindachneri* Siebenrock, Zool. Anz., 25: 6. – Type locality: Madagascar (in error).

1919 *Pelusios gabonensis* – Schmidt, Bull. Amer. Mus. Natur. Hist., 39: 401.

Distribution: Liberia eastward to western Tanzania and northern Angola.

***Pelusios marani* Bour, 2000**

2000 *Pelusios marani* Bour, Manouria, 3 (8): 3; figs pp. 13–20. – Type locality: Yombi (1°26'S 10°37'E), N'Gounié Province, Gabon; approximately 30 km SSE of Fougamou, between Lambaréné and Mouila.

Distribution: Gabon, Congo-Brazzaville (Bour 2000, Maran & Pauwels 2005, Maran 2006, Pauwels & Maran 2007).

***Pelusios nanus* Laurent, 1956**

1956 *Pelusios nanus* Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 48: 26; plate 4: figs 2–4. – Type locality: Dilolo, Haut Lualaba, Shaba Province, Zaire.

1977 *Pelusios adansonii nanus* – Wermuth & Mertens, Test., Crocod., Rhynchoceph., Tierreich, 100: xvi.

1985 *Pelusios adansonii nanus* – Obst, Welt der Schildkröten: 223.

Distribution: Southwestern Angola to southern Democratic Republic of Congo and northern Zambia.

***Pelusios niger* (Duméril & Bibron, 1835)**

1835 *Sternotherus niger* Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 397; plate 20: fig. 1. – Type locality: Madagascar (in error).

1856 *Sternothaerus niger* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 51.

1897 *Sternothaerus oxyrhinus* Boulenger, Proc. Zool. Soc. London, 1897: 919; plate 53. – Type locality: unknown.

- 1919 *Pelusios niger* – Schmidt, Bull. Amer. Mus. Natur. Hist., 39: 402.  
1924 *Sternothaerus heinrothi* Kanberg, Zool. Anz., 60: 195; fig. – Type locality: Cameroon.

**Distribution:** Atlantic lowlands of Africa from Sierra Leone to Gabon.

### *Pelusios rhodesianus* Hewitt, 1927

- 1927 *Pelusios nigricans rhodesianus* Hewitt, Rec. Albany Mus., 3: 375; figs 1a, 1c; plate 21: figs 2–3. – Type locality: Mpika District, northeastern Rhodesia.  
1934 *Pelusios subniger rhodesianus* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 65.  
1935 *Pelusios rhodesianus* – Hewitt, Rec. Albany Mus., 4: 345.  
1965 *Pelusios castaneus rhodesianus* – Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 135: 19.  
1995 *Pelusios rhodesianus rhodesianus* – Gemel, Emys, 2 (3): 11.

**Distribution:** Congo-Brazzaville and Angola east to Uganda and south to eastern Republic of South Africa.

### *Pelusios seychellensis* (Siebenrock, 1906)

- 1906 *Sternothaerus nigricans seychellensis* Siebenrock in Voeltzkow, Reise Ost-Afr. 1903–1905, 2: 38. – Restricted type locality (Siebenrock 1909): Seychelles, Mahé.  
1934 *Pelusios subniger seychellensis* – Mertens, Müller & Rust, Bl. Aqu.- u. Terr.-Kunde, 45: 65.  
1939 *Sternothaerus castaneus seychellensis* – Rendahl, Zool. Jahrb. Syst., 72: 308.  
1971 *Pelusios castaneus seychellensis* – Blanc, Ann. Univ. Madagascar (Sci. natur. Math.), 7: 104.  
1983 *Pelusios seychellensis* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 343.

**Distribution:** Only known from the type locality; perhaps extinct.

### *Pelusios sinuatus* (Smith, 1838)

- 1838 *Sternotherus sinuatus* Smith, Illustr. Zool. South Afr., Rept.: plate 1. – Restricted type locality (Broadley 1981): confluence of Crocodile and Marico Rivers, northern Transvaal.  
1848 *Sternotherus dentatus* Peters, Arch. Anatom. Physiol., 1848: 494. – Type locality: unknown.  
1863 *Sternothaerus (Tanoa) sinuatus* – Gray, Proc. Zool. Soc. London, 1863: 193.  
1889 *Sternothaerus dentatus* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): 194.  
1895 *Sternothaerus bottegi* Boulenger, Ann. Mus. Civ. Stor. Natur. Genova, (2a) 15: 9; plates 1–2. – Type locality: Bardera, Italian Somaliland.  
1919 *Pelusios sinuatus* – Schmidt, Bull. Amer. Mus. Natur. Hist., 39: 401.  
1927 *Pelusios sinuatus zuluensis* Hewitt, Rec. Albany Mus., 3: 371; fig. 1d; plate 20: figs 1–3. – Type locality: vicinity of Umsinene River, Zululand.  
1931 *Pelusios sinuatus sinuatus* – Hewitt, Ann. Natal Mus., 6: 462.  
1933 *Pelusios sinuatus leptus* Hewitt, Occ. Pap. Rhodes. Mus., 1: 45; plate 9: figs 1–2. – Type locality: Isoka, northern Rhodesia.  
1997 *Pelusios sinuatus* Seddon, Georges, Baverstock & McCord (ex errore), Mol. Phylogenet. Evol., 7: 56.

**Distribution:** East Africa from southern Ethiopia and Somalia southward to Botswana and northeastern Republic of South Africa.

### *Pelusios subniger* (Lacépède, 1788)

**Distribution:** East Africa from Burundi and Tanzania southward to Botswana and northeastern Republic of South Africa, eastern Madagascar, Mauritius, Seychelles Islands.

*Pelusios subniger subniger* (Lacépède, 1788)

- 1788 *Testudo subnigra* Lacépède (nomen conservandum: Opinion 1534, ICZN 1989), Hist. natur. Quadrup. ovip., 1 (Synops. méthod.): 175; plate 13. – Restricted type locality (Bour 1979): Tamatave, Madagascar.
- 1798 *Testudo nigricans* Donndorff, Zool. Beytr., 3: 34. – Type locality: unknown.
- 1812 *Emys subnigra* – Schweigger, Königsberg. Arch. Naturwiss. Math., 1: 315.
- 1820 *Terrapene nigricans* – Merrem, Tentam. Syst. Amphib.: 28.
- 1825 *Kinosternon nigricans* – Bell, Zool. J., 2: 305.
- 1830 *Pelusios subniger* – Wagler, Natürl. Syst. Amphib.: 137.
- 1831 *Sternotherus subniger* – Gray, Synops. Rept., 1 (Cataphracta): 38.
- 1835 *Sternotherus nigricans* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 399.
- 1835 *Clemmys (Pelusios) subnigra* – Fitzinger, Ann. Wien. Mus. Naturgesch., 1, 1836: 124.
- 1856 *Sternotherus subniger* – Gray, Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.), 1855: 51.
- 1877 *Sternotherus nigricans* – Peters, Monatsber. Preuß. Akad. Wiss. Berlin, 1877: 455.
- 1881 *Sternotherus subniger* – Boettger, Abh. Senckenb. naturforsch. Ges., 12: 535.
- 1906 *Sternotherus nigricans nigricans* – Siebenrock in Voeltzkow, Reise Ost-Afr. 1903–1905, 2: 36.
- 1919 *Pelusios nigricans* – Schmidt, Bull. Amer. Mus. Natur. Hist., 39: 401.
- 1927 *Pelusios nigricans nigricans* – Hewitt, Rec. Albany Mus., 3: 375.
- 1933 *Pelusios subniger subniger* – Mertens, Senckenbergiana, 15: 263.

**Distribution:** East Africa from Burundi and Tanzania southward to Botswana and northeastern Republic of South Africa, eastern Madagascar, Mauritius.

*Pelusios subniger parietalis* Bour, 1983

- 1983 *Pelusios subniger parietalis* Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 345; figs 3E, 3F; plates 5, 6 (bottom). – Type locality: La Digue Island, Seychelles Islands.

**Distribution:** Seychelles Islands.

*Pelusios upembae* Broadley, 1981

- 1981 *Pelusios bechuanicus upembae* Broadley, Occ. Pap. Nat. Mus. Rhodesia, B Natur. Sci., 6: 639; fig. 2D; plate 3. – Type locality: Kanonga River, tributary of the right bank of the Fungwe River (695 m), Upemba National Park, Shaba Province, Zaire.
- 1983 *Pelusios upembae* – Bour, Bull. Mus. Nat. Hist. natur. Paris, 4e sér., 5, A(1): 349.

**Distribution:** Fungwe and Lualaba watersheds, southeastern Democratic Republic of Congo.

*Pelusios williamsi* Laurent, 1965

**Distribution:** Region of Lake Victoria in Uganda, Kenya and Tanzania and region of Lake Edward and Lake Albert in Democratic Republic of Congo and Uganda.

*Pelusios williamsi williamsi* Laurent, 1965

- 1965 *Pelusios [williamsi] williamsi* Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 135: 12; plate 1: figs 1–3. – Type locality: Kakamega, Kaimosi, Kenya.
- 1981 *Pelusios castaneus williamsi* – Broadley, Occ. Pap. Nat. Mus. Rhodesia, B Natur. Sci., 6: 639.

**Distribution:** Region of Lake Victoria in Uganda, Kenya and Tanzania.

*Pelusios williamsi laurenti* Bour, 1984

- 1984 *Pelusios williamsi laurenti* Bour, Rev. franç. Aquariol., 11: 29; figs 1–3. – Type locality: Ukerewe Island (Lake Victoria), Tanzania.

Distribution: Ukerewe Island in Lake Victoria, Tanzania.

*Pelusios williamsi lutescens* Laurent, 1965

- 1965 *Pelusios williamsi lutescens* Laurent, Ann. Mus. R. Congo Belge, Sci. zool. (8°), 135: 14; plate 2. – Type locality: Semliki River, 1 km below the Lake Edward.  
1981 *Pelusios castaneus lutescens* – Broadley, Occ. Pap. Nat. Mus. Rhodesia, B Natur. Sci., 6: 639.

Distribution: Region of Lake Edward and Lake Albert in Democratic Republic of Congo and Uganda.

Family **Podocnemididae** Cope, 1868***Erymnochelys*** Baur, 1888

- 1867 *Dumerilia* Grandidier (non *Dumerilia* Leach, 1824 = Coleoptera; non *Dumerilia* Robineau-Desvoidy, 1835 = Diptera; non *Dumerilia* Bocage, 1866 = Sauria), Rev. Mag. Zool., (2) 18: 232. – Type species (by monotypy): *Dumerilia madagascariensis* Grandidier, 1867 = *Erymnochelys madagascariensis* (Grandidier, 1867).  
1888 *Erymnochelys* Baur (nomen novum), Zool. Anz., 11: 421.  
1997 *Erymnochelus* Seddon, Georges, Baverstock & McCord (ex errore), Mol. Phylogenet. Evol., 7: 56.

***Erymnochelys madagascariensis*** (Grandidier, 1867)

- 1867 *Dumerilia madagascariensis* Grandidier, Rev. Mag. Zool., (2) 19: 232. – Restricted type locality (Bour 2006): Morondava River, western Madagascar.  
1889 *Podocnemis madagascariensis* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
1890 *Erymnochelys madagascariensis* – Baur, Amer. Natural., 24: 483.  
1893 *Podocnemis madagascariensis* var. *bifilaris* Boettger, Kat. Rept.-Samml. Mus. Senckenb. naturforsch. Ges., 1: 14. – Type locality: Majunga, western Madagascar.  
1954 *Dumerilia madagascariensis* Williams (ex errore), Bull. Mus. Comp. Zool., 111: 282.  
1954 *Erymnochelys madagascariensis* – Williams, Bull. Mus. Comp. Zool., 111: 282.  
1954 *Podocnemis madagascariensis* – Williams, Bull. Mus. Comp. Zool., 111: 282.  
1997 *Erymnochelus madagascariensis* – Seddon, Georges, Baverstock & McCord, Mol. Phylogenet. Evol., 7: 56.

Distribution: Madagascar.

***Peltocephalus*** Duméril & Bibron, 1835

- 1835 *Peltocephalus* Duméril & Bibron (non *Peltocephalus* Tschudi, 1839 = Amphibia, Salientia), Erpétol. gén., Hist. natur. Rept., 2: 377. – Type species (by monotypy): *Peltocephalus tracaxa* (Spix, 1824) = *Peltocephalus dumerilianus* (Schweigger, 1812).  
1835 *Peltocephalus* Duméril & Bibron (ex errore), Erpétol. gén., Hist. natur. Rept., 2: 378.  
2002 *Peltocephala* Ferri (ex errore), Turtles & Tortoises: 246.

***Peltocephalus dumerilianus* (Schweigger, 1812)**

- 1812 *Emys dumeriliana* Schweigger (non *Chelonemys dumeriliana* sensu Gray 1864 = *Podocnemis unifilis* Troschel, 1848), Königsberg. Arch. Naturwiss. Math., 1: 300. – Restricted type locality (Bour 2006): French Guiana.
- 1824 *Emys macrocephala* Spix [non *Emys macrocephalus* Gray, 1844 = *Malaclemys terrapin terrapin* (Schoepff, 1793); non *Emys macrocephala* sensu Günther 1864 = *Malayemys macrocephala* (Gray, 1859)], Anim. nova s. Spec. nov. Testud. Brasil.: 5; plate 4. – Type locality: Airão, Rio Jáu.
- 1824 *Emys tracaxa* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 6; plate 5. – Type locality: Rio Solimões and tributaries.
- 1828 *Hydraspis tracaxa* – Bell, Zool. J., 3: 512.
- 1830 *Podocnemis dumeriliana* – Wagler, Natürl. Syst. Amphib.: 135.
- 1830 *Podocnemis tracaxa* – Wagler, Natürl. Syst. Amphib.: 135.
- 1831 *Chelys (Hydraspis) dumerilliana* Gray in Griffith & Pidgeon (ex errore), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.
- 1831 *Chelys (Hydraspis) lata* Bell in Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17. – Type locality: Demerara.
- 1831 *Emys icterocephala* Gray in Griffith & Pidgeon (ex errore pro *Emys macrocephala* Spix, 1824), Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.
- 1831 *Hydraspis dumeriliana* – Gray, Synops. Rept., 1 (Cataphracta): 42.
- 1831 *Hydraspis lata* – Gray, Synops. Rept., 1 (Cataphracta): 42.
- 1835 *Peltocephalus tracaxa* – Duméril & Bibron, Erpétol. gén., Hist. natur. Rept., 2: 378.
- 1840 *Peltocephalus dumerilianus* – Diesing, Ann. Wien. Mus. Naturgesch., 2: 237.
- 1844 *Peltocephalus tracaxa* – Gray, Cat. Tort. Crocod. Amphib. Coll. Brit. Mus.: 44.
- 1848 *Peltocephalus tracaxa* Troschel in Schomburgk (ex errore), Reise Brit.-Guiana, 3:
- 1870 *Chelonemys dumeriliana* – Gray, Suppl. Cat. Shield Rept. Coll. Brit. Mus., 1 (Testud.): 83.
- 1954 *Peltocephalus dumeriliana* – Williams, Breviora, 39: 3.
- 1964 *Peltocephalus dumeriliano* Pritchard (ex errore), J. Brit. Guiana Mus., 39: 21.
- 1975 *Peltocephalus macrocephala* – Fretey, Bull. Soc. Zool. France, 100: 675.
- 1977 *Peltocephalus tracaxus* – Fretey, Chelon. Guyane Franç.: 111.
- 1997 *Peltocephalus durmerilliana* Seddon, Georges, Baverstock & McCord (ex errore), Mol. Phylogenet. Evol., 7: 56.
- 2002 *Peltocephala dumerilianus* – Ferri, Turtles & Tortoises: 246.

Distribution: Amazon and Orinoco Basin, South America (from northeastern Peru, eastern Colombia and Ecuador, western Venezuela to Amazon mouth; Orinoco drainage of Colombia).

***Podocnemis* Wagler, 1830**

- 1830 *Podocnemis* Wagler, Natürl. Syst. Amphib.: 135. – Subsequently designated type species (Fitzinger 1843): “*Podocnemis expansa* Wagl.” = *Podocnemis expansa* (Schweigger, 1812).
- 1864 *Chelonemys* Gray (non *Chelonemys* Jourdan, 1862 = †Testudines), Proc. Zool. Soc. London, 1864: 134. – Type species (by monotypy): *Chelonemys dumeriliana* sensu Gray 1864 (non *Emys dumeriliana* Schweigger, 1812) = *Podocnemis unifilis* Troschel, 1848.
- 1870 *Bartlettia* Gray (non *Bartlettia* Adams, 1867 = Mollusca), Proc. Zool. Soc. London, 1870: 720. – Type species (by monotypy): *Bartlettia pitipii* Gray, 1870 = *Podocnemis sextuberculata* Cornalia, 1849.
- 1926 *Podocnemys* Luederwaldt (ex errore), Rvta. Mus. Paulista, 14: 406.
- 2002 *Podocnemus* Ferri (ex errore), Turtles & Tortoises: 246.

***Podocnemis erythrocephala* (Spix, 1824)**

- 1824 *Emys erythrocephala* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 9; plate 7. – Type locality: Rio Solimões.

- 1830 *Podocnemis erythrocephala* – Wagler, Natürl. Syst. Amphib.: 135.  
 1831 *Hydraspis expansa* var. *erythrocephala* – Gray, Synops. Rept., 1 (Cataphracta): 42.  
 1833 *Emys enythrocephala* Schinz (ex errore), Naturgesch. Abb. Rept.: 45.  
 1868 *Podocnemis agassizi* Coutinho, Bull. Soc. impér. nat. Acclim., 2: 150. – Type locality: Rio Negro, Amazon, Brazil.  
 1886 *Podocnemis coutinhii* Göldi, Ber. sanct-gallen. naturwiss. Ges., 1884/1885: 279; plate 5. – Type locality: Rio Negro, Amazon, Brazil.  
 1984 *Chelys (Hydraspis) expansa* var. *erythrocephala* – Pritchard & Trebbau, Turtles of Venezuela: 59.  
 1996 *Podocnemis erythocephalia* Highfield (ex errore), Keep. Breed. Tort. Freshw. Turtl.: 84.

**Distribution:** Amazon and Orinoco Basins, South America (Río Negro and Río Casiquiare drainages of Colombia, Venezuela, and Brazil; Río Inírida, Colombia).

### *Podocnemis expansa* (Schweigger, 1812)

- 1812 *Emys expansa* Schweigger, Königsberg. Arch. Naturgesch. Math., 1: 299. – Restricted type locality (Bour 2006): French Guiana.  
 1824 *Emys amazonica* Spix, Anim. nova s. Spec. nov. Testud. Brasil.: 1; plate 2: figs 1–3. – Type locality: Rio Solimões between influx of Rio Javirí and Rio Branco.  
 1830 *Podocnemis expansa* – Wagler, Natürl. Syst. Amphib.: 135.  
 1831 *Chelys (Hydraspis) expansa* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.  
 1831 *Hydraspis expansa* – Gray, Synops. Rept., 1 (Cataphracta): 41.  
 1833 *Emys arrau* Schinz, Naturgesch. Abb. Rept.: 41. – Restricted type locality (Wermuth & Mertens 1961): between confluence of Río Apure and Río Orinoco and the great cataracts.

**Distribution:** Amazon Basin and Carribean drainages of northern South America (Guyana and Venezuela).

### *Podocnemis lewyana* Duméril, 1852

- 1852 *Podocnemis lewyana* Duméril, Arch. Mus. Hist. natur., 6: 242; plates 18–19. – Type locality: Santa Fé de Bogotá.  
 1886 *Podocnemis lessyana* Goeldi (ex errore), Ber. Thät. St. Gall. Naturw. Ges. 1884–1885: 277.  
 1926 *Podocnemys lewyana* – Luederwaldt, Rvta. Mus. Paulista, 14: 406.  
 2002 *Podocnemus lewyana* – Ferri, Turtles & Tortoises: 246.

**Distribution:** Río Magdalena and Río Sinú drainages of Colombia, south of Lake Maracaibo, Venezuela.

### *Podocnemis sextuberculata* Cornalia, 1849

- 1849 *Podocnemis expansa sextuberculata* Cornalia, Vertebr. Synops. Mus. mediol.: 13; plate 3. – Type locality: Amazonas.  
 1870 *Bartlettia pitipii* Gray, Proc. Zool. Soc. London, 1870: 720; figs 1–2. – Type locality: lakes in upper Amazon.  
 1889 *Podocnemis sextuberculata* – Boulenger, Cat. Chelon. Rhynchoceph. Crocod. Brit. Mus. (Natur. Hist.): ix.  
 1954 *Bartlettia pitipiti* Williams (ex errore), Bull. Mus. Comp. Zool., 111: 281.

**Distribution:** Amazon Basin (northern Brazil, northeastern Peru, southeastern Colombia).

***Podocnemis unifilis* Troschel, 1848**

- 1812 *Emys cayennensis* Schweigger [non *Emys cayennensis* sensu Siebenrock 1902 = *Podocnemis cayennensis* sensu Siebenrock 1902 = *Podocnemis erythrocephala* (Spix, 1824); non *Podocnemis cayennensis* sensu Fiasson 1945 = *Podocnemis vogli* Müller, 1935; non *Podocnemis cayennensis* sensu Fretey 1977 = *Podocnemis expansa* (Schweigger, 1812)], Königsberg. Arch. Naturwiss. Math., 1: 298. – Type locality: Cayenne.
- 1831 *Chelys (Hydraspis) cayennensis* – Gray in Griffith & Pidgeon, Anim. Kingd. Cuvier, 9, Synops. Spec. Class Rept.: 17.
- 1831 *Hydraspis cayennensis* – Gray, Synops. Rept., 1 (Cataphracta): 42.
- 1833 *Emys terekay* Schinz, Naturgesch. Abb. Rept.: 41. – Type locality: upper Río Orinoco, Río Apure, Río Uritucu, Río Guárico and streams near Caracas, Venezuela.
- 1848 *Podocnemis unifilis* Troschel in Schomburgk, Reise Brit.-Guiana, 3: 647. – Type locality: Rupununi and Takutu, British Guiana.
- 1977 *Podocnemis cayennensis* – Wermuth & Mertens, Testud., Crocod., Rhynchoceph., Tierreich, 100: xv.
- 1996 *Podocnemis cayennensis* Rogner (ex errore), Schildkröten, 2: 231.

**Distribution:** Amazon Basin of Colombia, eastern Ecuador, northeastern Peru, northern Bolivia, southern Venezuela, and Brazil; Caribbean drainages of the Guianas, Venezuela, and Colombia.

**Comment:** For long time the name *Emys cayennensis* Schweigger, 1812 was applied to what is now known as *Podocnemis erythrocephala* (Spix, 1824). Wermuth & Mertens (1977), Bour (1984b), Pritchard & Trebbau (1984) and David (1994) suggested that *E. cayennensis* refers to the species known for decades as *Podocnemis unifilis* Troschel, 1848 however. To avoid further confusion, we continue to use the latter name.

***Podocnemis vogli* Müller, 1935**

- 1935 *Podocnemis vogli* Müller, Zool. Anz., 110: 97; figs 1, 3. – Type locality: Barinas, state of Barinas, Venezuela.
- 1988 *Podocnemis vogli* – Pauler, Herpetofauna, 10 (53): 14.

**Distribution:** Venezuela and adjacent Colombia (Orinoco drainage).

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## Appendix

### New Taxa and Nomenclatural Acts Published between January 1st and September 15th, 2007

#### **Testudinidae** Batsch, 1788

##### *Homopus solus* Branch, 2007

2003 *Homopus solos* Devaux (nomen nudum), La Tortue, 63/64: 40.

2007 *Homopus solus* Branch, Afr. J. Herpetol., 56: 1; figs 2–3, 5–9. – Type locality: Aus, Luderitz District, Namibia.

**Distribution:** Endemic to southern Namibia, with the main distribution centred around the escarpment mountains near Aus, but with scattered records from other isolated mountains in the sand and gravel plains of the southern Namib Desert (Branch 2007).

#### **Chelidae** Gray, 1825

##### *Chelodina gunaleni* McCord & Joseph-Ouni, 2007

2007 *Chelodina gunaleni* McCord & Joseph-Ouni, Reptilia (GB), 52: 47; figs pp. 47–57. – Type locality: Uta River basin, Mimika District, Central Papua Province (Irian Jaya), Indonesia.

**Distribution:** Between vicinities of Uta and Timika villages, Mimika District, southern coastal Papua, Indonesia; suspected to be found in all freshwater swamps in Mimika and Asmat districts from the Uta River basin to the Baliem River basin (McCord & Joseph-Ouni 2007).

##### *Chelodina mccordi roteensis* McCord, Joseph-Ouni & Hagen, 2007

2007 *Chelodina mccordi roteensis* McCord, Joseph-Ouni & Hagen, Reptilia (GB), 52: 58; figs pp. 58, 59 (left, centre), 60–61. – Type locality: Lake Enduy, eastern Rote Island, East Nusa Tenggara Province, Indonesia.

**Distribution:** Known only from Lake Enduy, eastern Rote (= Roti) Island, Indonesia, and nearby small seasonal pools (McCord et al. 2007a).

**Comment:** With the description of that subspecies *Chelodina mccordi* Rhodin, 1994 became a polytypic species. The range of the nominotypical subspecies was restricted to the western part of Roti island (McCord et al. 2007a).

##### *Chelodina timorensis* McCord, Joseph-Ouni & Hagen, 2007

2007 *Chelodina timorensis* McCord, Joseph-Ouni & Hagen, Reptilia (GB), 52: 53; figs pp. 53–57. – Type locality: Lake Ira Lalaro, Lautem District (Regency), Tutuala Subdistrict, eastern East Timor (= Timor-Leste; = Timor Lorosa'E).

**Distribution:** Known only from the lake itself and the permanent and temporary swamps/floodplains of Lake Ira Lalaro, eastern East Timor (McCord et al. 2007b).

The status of the following taxa changed since the online-version of our checklist was published:

## Geoemydidae

- Callagur* Gray, 1870 → subjective junior synonym of *Batagur* Gray, 1856 (Praschag et al. 2007a):  
*Callagur borneoensis* (Schlegel & Müller, 1845) → *Batagur borneoensis* (Schlegel & Müller, 1845) (Praschag et al. 2007a)
- Kachuga* Gray, 1856 → subjective synonym of *Batagur* Gray, 1856 (Praschag et al. 2007a; automatic precedence of *Batagur* Gray, 1856 as being erected at higher rank: ICZN 1999: Article 24.1):  
*Kachuga dhongoka* (Gray, 1832) → *Batagur dhongoka* (Gray, 1832) (Praschag et al. 2007a)  
*Kachuga kachuga* (Gray, 1831) → *Batagur kachuga* (Gray, 1831) (Praschag et al. 2007a)  
*Kachuga trivittata* (Duméril & Bibron, 1835) → *Batagur trivittata* (Duméril & Bibron, 1835) (Praschag et al. 2007a)
- Hardella thurjii indi* Gray, 1870 → subjective junior synonym of *Hardella thurjii* (Gray, 1831) (Praschag et al. 2007a)

*Batagur baska* (Gray, 1830) consists of at least two distinct species (Praschag et al. 2007a), one is distributed in the Sundarbans Region of India and Bangladesh (= *B. baska* sensu stricto), and the second species in Indonesia and Malaysia. The exact ranges of both need to be determined as well as which of the available names (see checklist) has to be used for the Indonesian and Malaysian species.

## Testudinidae

- Testudo graeca anamurensis* Weissinger, 1987 → subjective junior synonym of *Testudo graeca terrestris* Forsskål, 1775 (Fritz et al. 2007)
- Testudo graeca antakyensis* Perälä, 1996 → subjective junior synonym of *Testudo graeca terrestris* Forsskål, 1775 (Fritz et al. 2007)
- Testudo graeca floweri* Bodenheimer, 1935 → subjective junior synonym of *Testudo graeca terrestris* Forsskål, 1775 (Fritz et al. 2007)
- Testudo graeca nikolskii* Chkhikvadze & Tuniyev, 1986 → subjective junior synonym of *Testudo graeca ibera* Pallas, 1814 (Fritz et al. 2007)
- Testudo graeca pallasi* Chkhikvadze & Bakradze, 2002 → subjective junior synonym of *Testudo graeca armeniaca* Chkhikvadze & Bakradze, 1991 (Fritz et al. 2007)
- Testudo graeca perses* Perälä, 2002 → subjective junior synonym of *Testudo graeca buxtoni* Boulenger, 1921 (Fritz et al. 2007)

## Trionychidae

- Aspideretes* Hay, 1904 → subjective junior synonym of *Nilssonina* Gray, 1872 (Praschag et al. 2007b):  
*Aspideretes gangeticus* (Cuvier, 1825) → *Nilssonina gangetica* (Cuvier, 1825) (Praschag et al. 2007b)  
*Aspideretes hurum* (Gray, 1831) → *Nilssonina hurum* (Gray, 1831) (Praschag et al. 2007b)  
*Aspideretes leithii* (Gray, 1872) → *Nilssonina leithii* (Gray, 1872) (Praschag et al. 2007b)  
*Aspideretes nigricans* (Anderson, 1875) → *Nilssonina nigricans* (Anderson, 1875) (Praschag et al. 2007b)

Moreover, one subspecies name quoted from Wells (2002) in the online-version of the checklist does not exist (see introduction) and was removed from the print-version.

Considering these changes, a total number of 94 genera and 316 species of chelonians are considered valid (plus one additional species within *Batagur*, pending the decision which of the available names should be used). Of the 316 nomenclaturally recognized species, 254 are monotypic and 62 comprise at least two subspecies. Altogether, 203 subspecies are recognized, resulting in 457 distinct species-group taxa.

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