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SUMMARY

A list of species and subspecies currently included in the tick genera *Amblyomma*, *Aponomma*, *Anomalohimalaya*, *Boophilus*, *Hyalomma*, *Margaropus*, and *Rhipicentor*, as well as in the unaccepted genera *Palpoboophilus* and *Uroboophilus* is given in this paper. The published synonymies and authors of each specific or subspecific name are also included. Remaining tick genera have been reviewed in part in a previous paper of this series, and will be finished in a future third part.

Key-words: *Amblyomma*, *Aponomma*, *Anomalohimalaya*, *Boophilus*, *Hyalomma*, *Margaropus*, *Rhipicentor*, *Uroboophilus*, *Palpoboophilus*, species, synonymies.

RESUMEN

Se proporciona una lista de las especies y subspecies actualmente incluidas en los géneros *Amblyomma*, *Aponomma*, *Anomalohimalaya*, *Boophilus*, *Hyalomma*, *Margaropus* y *Rhipicentor*, así como en los géneros no aceptados *Palpoboophilus* and *Uroboophilus*. Se incluyen también las sinonimias publicadas y los autores de cada nombre específico o subespecífico. Los restantes géneros de garrapatas han sido revisados en parte en un volumen previo de esta serie, y serán terminados en una futura tercera parte.

Palabras clave: *Amblyomma*, *Aponomma*, *Anomalohimalaya*, *Boophilus*, *Hyalomma*, *Margaropus*, *Rhipicentor*, *Uroboophilus*, *Palpoboophilus*, especies, sinonimias.

GENERAL REMARKS

Following is a list of species and subspecies of ticks described in the genera *Amblyomma*, *Aponomma*, *Anomalohimalaya*, *Boophilus*, *Hyalomma*, *Margaropus*, and *Rhipicentor*, as well as in the unaccepted genera *Palpoboophilus* and *Uroboophilus*. The first volume (Estrada-Peña, 1991) included data for *Haemaphysalis*, *Anocentor*, *Dermacentor*, and *Cosmiomma*. The third volume in this series will include tick species for all the remaining genera. The list is intended to include synonymies for the species, as currently considered. For each synonym, date, proposed or used name, and author, are included. For species and subspecies, the basic information regarding author, publication, and date of publication is given, and also the genus in which the species or subspecies have been placed. The complete list of references is included at the end of the paper. If the original paper and/or specimens have not been directly observed by myself, an explanatory note about the paper proposing the new synonym is included. The reader must note that this is a revision, based on the current point of view of prominent tick taxonomists.

GENUS AMBLYOMMA KOCH, 1844

Amblyomma acutangulatum Neumann, 1899

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma acutangulatum*; Neumann, original description from specimens labelled "*Amblyomma varani* Koch", but as Neumann has observed in a footnote, it is impossible to find in what work Koch has employed this specific name. It would appear that he never published a description.

1901: *A. acutangulatum* Neumann; Neumann1901: *A. acutangulatum* Neumann; Salmon & Stiles1926: *A. acutangulatum* Neumann; Robinson1963: *A. acutangulatum* Neumann; Santos Dias1983: *A. acutangulatum* Neumann; Kolonin**Amblyomma adpersum** Koch, 1844

Arch.Naturgesch., 10:1

See notes under the item *Amblyomma dissimile***Amblyomma agamum** Aragão, 1912

Mem.Inst.Oswaldo Cruz, 4(1): 96-119

See notes under the item *Amblyomma rotundatum***Amblyomma albolimbatum** Neumann, 1907

Notes Leyden Mus., 28(3-4)

1907: *Amblyomma albolimbatum*; Neumann, original description1924: *A. albolimbatum* Neumann; Ferguson1926: *A. albolimbatum* Neumann; Robinson1932: *A. albolimbatum* Neumann; Johnston1964: *A. albolimbatum* Neumann; Roberts1992: *A. albolimbatum* Neumann; Keirans**Amblyomma albopictum** Neumann, 1899

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma albopictum*; Neumann, original description1901: *A. albopictum* Neumann; Salmon & Stiles1918: *A. albopictum* Neumann; Aragão1926: *A. albopictum* Neumann; Robinson1934: *A. albopictum* Neumann; Pérez Viguera1936: *A. albopictum* Neumann; Aragão1941: *A. haitianum*; Schulze (as new species)1951: *A. albopictum* Neumann; Curbelo Hernández & Márquez Biscay1958: *A. albopictum* Neumann; Floch & Fauran1958: *A. albopictum* Neumann; Santos Dias stated that *A. haitianum* is a synonym of *A. albopictum* Neumann1961: *A. albopictum* Neumann; Aragão & Fonseca1962: *A. albopictum* Neumann; Clifford & Kohls1966: *A. albopictum* Neumann; Cerny1967: *A. albopictum* Neumann; Cerny1967: *A. albopictum* Neumann; Morel1992: *A. albopictum* Neumann; Keirans**Amblyomma altiplanum** Dios, 1917

An.Soc.Rur.Argent., 51(3)

See notes under the item *Amblyomma parvitarsum*

Amblyomma americanum (Linnaeus, 1758)

Systema naturae, ed. 10 v. 1

1758: *Acarus americanus*; Linnaeus, original description1778: *Acarus nigua*; De Geer, as new species1804: *Ixodes nigua* (De Geer); Latreille, new combination1804: *Rhynchoprion americanus* (L.); Hermann, new combination1805: *Ixodes americanus* (L.); Fabricius, new combination1844: *Amblyomma americanum* (L.); Koch (new combination)1869: *Ixodes unipunctata*; Packard, as new species1886-1893: *Amblyomma foreli*; Stoll, as new species1891: *Amblyomma unipunctatum* (Packard); Thurow, new combination1899: *A. americanum* (L.); Neumann1901: *A. americanum* (L.); Neumann1901: *A. americanum* (L.); Salmon & Stiles1901: *A. foreli* Stoll; Salmon & Stiles (pro parte)1908: *A. americanum* (L.); Banks1911: *A. americanum* (L.); Neumann1912: *A. americanum* (L.); Hooker, Bishopp & Wood1926: *A. americanum* (L.); Robinson1944: *A. americanum* (L.); Cooley & Kohls1945: *A. americanum* (L.); Bishopp & Trembley1946: *A. americanum* (L.); Bequaert1961: *A. americanum* (L.); Clifford, Anastos & Elbl1965: *A. americanum* (L.); Sonenshine, Lamb & Anastos1984: *A. americanum* (L.); Keirans1992: *A. americanum* (L.); Keirans**Amblyomma anceps** Dönitz, 1909

Sber.Ges.Naturf.Freunde Berl., 8

See notes under the item *Amblyomma cohaerens***Amblyomma annandalei** Warburton, 1910

Parasitol., 3(4)

See notes under the item *Amblyomma supinoi***Amblyomma annulipes** Koch, 1884

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma hebraeum***Amblyomma antillorum** Kohls, 1969

J.Med.Ent., 6(4)

1969: *Amblyomma antillorum*; Kohls, original description1992: *A. antillorum* Kohls; Keirans**Amblyomma arcanum** Karsch, 1879

Z.Ges.Naturw., 52(4)

See notes under the item *Aponomma exornatum***Amblyomma argentinae** Neumann, 1905

Arch.Parasitol., 9(2)

See notes under the item *Amblyomma testudinis* (Conil)**Amblyomma arianae** Keirans & Garris, 1986

J. Med. Entomol., 23(6)

1986: *Amblyomma arianae*; Keirans & Garris, original description.1992: *A. arianae* Keirans & Garris; Keirans.

Amblyomma arteriosum Koch, 1878

Verh.K.-K.Zool.Botan.Ges. Wien, 27

1878: *Amblyomma arteriosum*; Koch, original description1899: *A. arteriosum* Koch; Neumann1911: *A. arteriosum* Koch; Neumann1926: *A. arteriosum* Koch; Robinson considered it as "doubtfull or condemned species"

No additional data on this species have been published

Amblyomma astrion Dönitz, 1909

Sber.Ges.Naturf. Freunde Berlin, 8

1909: *Amblyomma astrion*. Dönitz, original description1926: *A. astrion* Dönitz; Robinson1950: *A. astrion* Dönitz; Santos Dias1951: Nec *A. astrion* Dönitz; Santos Dias stated that *A. cohaerens* Dönitz is a synonym of *A. astrion*1954: *A. astrion* Dönitz; Santos Dias1954: *A. astrion* Dönitz; Theiler & Robinson1958: *A. astrion* Dönitz; Santos Dias1958: *A. astrion* Dönitz; Morel & Mouchet1961: *A. astrion* Dönitz; Morel & Finelle1962: *A. astrion* Dönitz; Theiler1964: *A. astrion* Dönitz; Santos Dias1966: *A. astrion* Dönitz; Elbl & Anastos1984: *A. astrion* Dönitz; Keirans1987: *A. astrion* Dönitz; Matthysse & Colbo1992: *A. astrion* Dönitz; Keirans**Amblyomma atrogenatum** Nuttal & Warburton, 1908

Proc.Camb.Phil.Soc., 14(4)

See notes under the item *Amblyomma clypeolatum***Amblyomma aureolatum** (Pallas, 1772)

Spicilegia Zoologica, 9

1772: *Acarus aureolatus*; Pallas, original description1805: *Ixodes aureolatus* (Pallas); Fabricius, new combination1844: *Amblyomma aureolatum* (Pallas); Koch, new combination

1926: Robinson stated that it is a "doubtfull or condemned species"

No additional data on this species have been published

Amblyomma aureum Neumann, 1899

Mém. Soz. Zool. Fr., v. 12

See notes under the items *Amblyomma rhinocerotis* and *Amblyomma testudinarium***Amblyomma auricularium** (Conil, 1878)

Acad.Nac.Cienc.Exact., 3(2)

1878: *Ixodes auricularius*; Conil, original description1899: *Amblyomma concolor*; Neumann, as new species1901: *A. concolor* Neumann; Neumann (pro parte)1911: *A. concolor* Neumann; Neumann (pro parte)1905: *Amblyomma auricularium* (Conil); Lahille (new combination)1920: *A. auriculare* (Conil); Lahille1926: *A. concolor* Neumann; Robinson stated that *A. auricularium* (Conil) is a synonym of *A. concolor*

- 1935: *A. auriculare* (Conil); Aragão
 1936: *A. auriculare* (Conil); Aragão stated that *A. concolor* Neumann is a synonym of *A. auricularium*
 1936: *A. curruca*; Schulze, as new species
 1943: *A. auriculare* (Conil); Fairchild
 1944: *A. auriculare* (Conil); Boero
 1954: *A. curruca* Schulze; Aragão & Fonseca (pro parte)
 1966: *A. auriculare* (Conil); Fairchild, Kohls, & Tipton stated that *A. curruca* Schulze is a synonym of *A. auricularium*
 1972: *A. auricularium* (Conil); Jones, Clifford, Keirans & Kohls
 1984: *A. auricularium* (Conil); Keirans
 1992: *A. auricularium* (Conil); Keirans

Amblyomma auronitens Berlese, 1888
 Bull. Soc. Ent. Ital., 20
 See notes under the item *Amblyomma ovale*

Amblyomma australiense Neumann, 1905
 Arch. Parasit., 9(2)
 1905: *Amblyomma australiense*; Neumann, original description
 1911: *A. australiense* Neumann; Neumann
 1926: *A. australiense* Neumann; Fielding
 1926: *A. australiense* Neumann; Robinson
 1932: *A. australiense* Neumann; Schulze
 1953: *A. australiense* Neumann; Roberts
 1964: *A. australiense* Neumann; Roberts
 1992: *A. australiense* Neumann; Keirans

Amblyomma avecolens Cooley & Kohls, 1944
 J. Parasit., 30(2)
 See notes under the item *Amblyomma longirostre*

Amblyomma avicola Marx & Neumann in Neumann, 1899
 Mém. Soc. Zool. Fr., 12
 See notes under the item *Amblyomma longirostre*

Amblyomma babirussae Schulze, 1933
 Zool. Anz., 104
 1931: *Amblyomma cyprium* Koch & Neumann; Krijgsman & Ponto (misidentification)
 1932: *Amblyomma babirussae*; Schulze (nomen nudum)
 1933: *A. babirussae*; Schulze, original description
 1936: *A. babirussae* Schulze; Schulze
 1944: *A. cyprium* Koch & Neumann; Toumanoff (misidentification)
 1950: *A. babirussae* Schulze; Anastos
 1992: *A. babirussae* Schulze; Keirans

Amblyomma badium Neumann, 1901
 Mém. Soc. Zool. Fr., 14(2-3)
 See notes under the item *Amblyomma javanense*

Amblyomma barbaricum Santos Dias, 1956
 Moçambique, 87
 See notes under the item *Amblyomma eburneum*

Amblyomma beaurepairei Vogelsang & Santos Dias, 1953

Rev.Med.Vet.Parasit.Caracas, 12(1-4)

1953: *Amblyomma beaurepairei*; Vogelsang & Santos Dias, original description

1957: *Amblyomma beaurepairei* Vogelsang & Santos Dias; Díaz-Ungría

1960: *A. beaurepairei* Vogelsang & Santos Dias; Vogelsang & Santos Dias

1972: *A. beaurepairei* Vogelsang & Santos Dias; Jones, Clifford, Keirans & Kohls ("No further records of this species have been recorded and the type material could not be obtained for study")

No additional data on this species have been published

Amblyomma beccari Tonelli-Rondelli, 1939

Riv.Parasit., 3(1)

See notes under the item *Amblyomma scalpturatum*

Amblyomma bengalense Rudow, 1870

Z.Ges.Naturw., 35(1)

1870: *Amblyomma bengalense*; Rudow, original description

1899: *A. bengalense* Rudow; Neumann

1911: *A. bengalense* Rudow; Neumann

1926: *A. bengalense* Rudow; Robinson condemned the species

No additional data on this species have been published

Amblyomma bibroni (Gervais, 1842)

Ann.Soc.Ent.Fr., 11

See notes under the item *Amblyomma dissimile*

Amblyomma bispinosum Neumann, 1906

Arch.Parasit., 10(2)

See notes under the item *Amblyomma coelebs*

Amblyomma boneti Hoffmann, 1946

Rev.Inst.Salub.Enferm.Trop.Mex., 7(4)

See notes under the item *Amblyomma scutatum*

Amblyomma boucaudi Toumanoff, 1944

Les Tiques (Ixodoidea) de l'Indochine

1944: *Amblyomma boucaudi*; Toumanoff, original description

This is the only reference available to the compilers. Keirans (1992) did not include the species in his list of valid names of ticks.

Amblyomma boulengeri Hirst & Hirst, 1910

Ann.Mag.Nat.Hist., s.8, 6(33)

1910: *Amblyomma boulengeri*; Hirst & Hirst, original description

1926: *A. boulengeri* Hirst & Hirst; Robinson

1930: *A. boulengeri* Hirst & Hirst; Pinto

1936: *A. boulengeri* Hirst & Hirst; Schulze

1958: *A. pilosum* Neumann; Santos Dias erroneously synonymized *A. boulengeri* under this name

1992: *A. boulengeri* Hirst & Hirst; Keirans

Amblyomma bouthieri Sénevet, 1940

6 Congr.Inst.Nac.Ent. 2 (Madrid, 1935)
See notes under the item *Amblyomma tigrinum*

Amblyomma brasiliense Aragão, 1908

Brazil-Med., 22(12)

1908: *Amblyomma brasiliense*; Aragão, original description

1911: *A. brasiliense* Aragão; Aragão

1915: *A. brasiliense* Aragão; Robinson

1926: *A. brasiliense* Aragão; Robinson

1926: *A. brasiliense* Aragão; Bequaert

1938: *A. brasiliense* Aragão; Schulze

1939: *A. brasiliense* Aragão; Tonelli-Rondelli

1944: *A. brasiliense* Aragão; Boero

1961: *A. brasiliense* Aragão; Aragão & Fonseca

1984: *A. brasiliense* Aragão; Keirans

1992: *A. brasiliense* Aragão; Keirans

Amblyomma brasiliense guianense Floch &

Abonnenc, 1941

Publ.Inst.Pasteur Guyane, 4

See notes under the item *Amblyomma sculpturatum*

Amblyomma breviscutatum Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma cyprium*

Amblyomma breviscutatum aeratipes Schulze,

1932

Z.Morph.Oekol.Tiere, 25(2-3)

See notes under the item *Amblyomma cyprium*

Amblyomma brimonti Neumann, 1913

Bull.Soc.Zool.Fr., 38(5)

1913: *Amblyomma brimonti*; Neumann, original description

1954: *A. brimonti* Neumann; Aragão & Fonseca

These are the only available references to the compilers.
Keirans (1992) did not include the species in his list of
valid names of ticks.

Amblyomma caelaturum Cooper & Robinson, 1908

Proc.Camb.Phil.Soc., 14(5)

See notes under the item *Amblyomma geoemydae*

Amblyomma caelaturum perfectum Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma geoemydae*

Amblyomma cajennense (Fabricius, 1787)

Mantissa Insectorum, 2

1787: *Acarus cajennensis*; Fabricius, original description

1794: *Ixodes cajennensis* (Fabricius); Fabricius, new
combination

1821: *Ixodes crenatus*; Say, as new species

1844: *Amblyomma cajennense* (Fabricius); Koch, new
combination

1844: *Amblyomma tenellum*; Koch, as new species

1844: *Amblyomma mixtum*; Koch, as new species

1887: *Ixodes herrerae*; Dugès, as new species

- 1888: *Amblyomma sculptum*; Berlese, as new species
 1899: *Amblyomma parviscutatum*; Neumann, as new species
 1905: *A. cajennense parviscutatum* Neumann; Neumann degrades *A. parviscutatum* to a subspecies of *A. cajennense* (Fabricius)
 1907: Nec *A. cajennense* (Fabricius); Banks erroneously synonymized *A. crenatum* Neumann under *A. cajennense*
 1908: *Amblyomma versicolor*; Nuttall & Warburton, as new species
 1911: *A. cajennense* (Fabricius); Aragão
 1915: *A. cajennense* (Fabricius); Banks
 1926: *A. cajennense* (Fabricius); Robinson
 1937: *Amblyomma tapiri*; Tonelli-Rondelli, as new species
 1937: *Amblyomma finitimum*; Tonelli-Rondelli, as new species
 1944: *A. cajennense* (Fabricius); Cooley & Kohls
 1953: *A. cajennense* (Fabricius); Vogelsang & Santos Dias
 1954: *A. cajennense* (Fabricius); Aragão & Fonseca
 1958: *A. cajennense* (Fabricius); Floch & Fauran
 1958: *A. cajennense* (Fabricius); Kohls
 1960: *A. cajennense* (Fabricius); Clifford & Anastos
 1966: *A. cajennense* (Fabricius); Cerny
 1962: *A. cajennense* (Fabricius); Hoffmann
 1964: Nec *A. cajennense imitator* Kohls; Sundman & Price erroneously synonymized *A. imitator* Koch under *A. cajennense* Fabricius
 1966: *A. cajennense* (Fabricius); Fairchild, Kohls & Tipton
 1972: *A. cajennense* (Fabricius); Jones, Clifford, Keirans & Kohls
 1992: *A. cajennense* (Fabricius); Keirans

***Amblyomma cajennense imitator* Kohls, 1958**

J.Parasit., 44(4)

See notes under the items *Amblyomma imitator* and *Amblyomma cajennense*

***Amblyomma cajennense parviscutatum* Neumann, 1899**

Mém.Soc.Zool.Fr., 10(3-4)

See notes under the item *Amblyomma cajennense*

***Amblyomma calabyi* Roberts, 1963**

Parasitol., 53(1-2)

1963: *Amblyomma calabyi*; Roberts, original description

1992: *A. calabyi* Roberts; Keirans

***Amblyomma calcaratum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma calcaratum*; Neumann, original description

1926: *A. calcaratum* Neumann; Robinson

1936: *Amblyomma leucozomum*; Schulze, as new species

1941: *A. calcaratum* Neumann; Floch & Abonnenc

1953: *Amblyomma calcaratum venezuelense*; Vogelsang & Santos Dias, as new subspecies

1958: *A. calcaratum* Neumann; Floch & Fauran

1958: *A. calcaratum leucozomum* Schulze; Santos Dias ranked *A. leucozomum* Schulze to a subspecies of *A. calcaratum*

1961: *A. calcaratum* Neumann; Aragão & Fonseca

1972: *A. calcaratum* Neumann; Jones, Clifford, Keirans & Kohls

1984: *A. calcaratum* Neumann; Keirans

1992: *A. calcaratum* Neumann; Keirans

Amblyomma calcaratum leucozomum Santos Dias, 1958

Mem. Estud. Mus. Zool. Univ. Coimbra, 250: 3

See notes under the item *Amblyomma calcaratum*

Amblyomma calcaratum venezuelense Vogelsang & Santos Dias, 1953

Rev. Med. Vet. Parasit. Caracas, 12(1-4)

See notes under the item *Amblyomma calcaratum*

Amblyomma calcaris Nakatsuji, 1942

J. Agric. Sc. Tokyo, 1(4)

1942: *Amblyomma calcaris*; Nakatsuji, original description

This is the only reference available to the compiler.

Keirans (1992) did not include the species in his list of valid names of ticks.

Amblyomma clypeolatum Neumann, 1899

Mém. Soc. Zool. Fr., 12

1899: *Amblyomma clypeolatum*; Neumann, original description

1901: *A. clypeolatum* Neumann; Salmon & Stiles

1908: *Amblyomma zeylanicum*; Neumann (as new species)

1908: *Amblyomma atrogenatum*; Nuttall & Warburton (as new species)

1911: *A. clypeolatum* Neumann; Neumann

1925: *A. clypeolatum* Neumann; Warburton

1926: *A. clypeolatum* Neumann; Robinson stated that *A. atrogenatum* Nuttall & Warburton and *A. zeylanicum* Neumann are synonymies of *A. clypeolatum* Neumann

1928: *A. clypeolatum* Neumann; Sharif

1929: *A. clypeolatum* Neumann; Franchini

1932: *A. clypeolatum* Neumann; Schulze

1944: *A. clypeolatum* Neumann; Toumanoff

1958: *A. clypeolatum* Neumann; Santos Dias

1984: *A. clypeolatum* Neumann; Keirans

1992: *A. clypeolatum* Neumann; Keirans

Amblyomma coelebs Neumann, 1899

Mém. Soc. Zool. Fr., 12

1899: *Amblyomma coelebs*; Neumann, original description

1906: *Amblyomma bispinosum*; Neumann, as new species

1911: *A. bispinosum* Neumann; Neumann (pro parte)

1926: *A. bispinosum* Neumann; Robinson (pro parte)

1940: *A. bispinosum* Neumann; Vogelsang & Cordero (pro parte)

1957: *A. bispinosum* Neumann; Díaz-Ungría (pro parte)

1958: *A. coelebs* Neumann; Santos Dias stated that *A. bispinosum* Neumann is a synonym of *A. coelebs* Neumann

1959: *A. coelebs* Neumann; Floch & Fauran

1961: *A. coelebs* Neumann; Aragão & Fonseca

1966: *A. coelebs* Neumann; Fairchild, Kohls & Tipton

1972: *A. coelebs* Neumann; Jones, Clifford, Keirans & Kohls

1984: *A. coelebs* Neumann; Keirans

1992: *A. coelebs* Neumann; Keirans

Amblyomma cohaerens Dönitz, 1909

Sber.Ges.Naturf.Freunde Berl., 8

1909: *Amblyomma cohaerens*; Dönitz, original description1909: *Amblyomma anceps*; Dönitz (as new species)1916: *A. cohaerens* Dönitz; Nuttall1926: *A. cohaerens* Dönitz; Robinson stated that *A. anceps* Dönitz is a synonym of *A. cohaerens* Dönitz1930: *A. cohaerens* Dönitz; Bequaert1950: *A. cohaerens* Dönitz; Santos Dias1951: *A. astrion* Dönitz; Santos Dias stated that *A. cohaerens* Dönitz is a synonym of *A. astrion*1951: *A. anceps* Dönitz; Santos Dias (pro parte)1951: *A. hebraeum* Koch; Schoenaers (pro parte)1956: *A. cohaerens* Dönitz; Hoogstraal1957: *A. astrion* Dönitz; Tendeiro stated that *A. cohaerens* Dönitz is a synonym of *A. astrion* Dönitz1958: *A. cohaerens* Dönitz; Santos Dias1958: *A. cohaerens* Dönitz; Morel & Mouchet1962: *A. cohaerens* Dönitz; Theiler1964: *A. cohaerens* Dönitz; Clifford & Anastos1966: *A. cohaerens* Dönitz; Elbl & Anastos1984: *A. cohaerens* Dönitz; Keirans1987: *A. cohaerens* Dönitz; Matthysse & Colbo1992: *A. cohaerens* Dönitz; Keirans**Amblyomma compactum** Neumann, 1901

Mém. Soc. Zool. Fr., 14

See notes under the item *Amblyomma testudinarium***Amblyomma complanatum** Berlese, 1888

Boll.Soc.Ent.Italiana, 20

See note under the item *Amblyomma maculatum***Amblyomma compressum** (Macalister, 1872)

Quart.J.Microsc.Sci., 12(47)

1872: *Adenopleura compressum*; Macalister, original description1899: *Amblyomma cuneatum*; Neumann, as new species1901: *Amblyomma compressum* (Macalister); Neumann (new combination)1926: *A. cuneatum* Neumann; Robinson1930: *A. cuneatum* Neumann; Bequaert (pro parte)1937: Nec *A. javanense cuneatum* Schulze; see notes under the item *Amblyomma javanense*1939: *Haemalastor compressum* (Macalister); Oudemans (new combination)1941: Nec *Amblyomma compressum javanense* Schulze; see notes under the item *Amblyomma javanense*1941: *A. compressum* (Macalister); Schulze stated that *A. cuneatum* Neumann is a synonym of *A. compressum*1957: *A. compressum* (Macalister); Santos Dias1958: *A. cuneatum* Neumann; Morel & Mouchet (pro parte)1959: *A. compressum* (Macalister); Morel1960: *A. compressum* (Macalister); Pierquin stated that *Amblyomma cuneatum* Neumann is a synonym of *A. compressum*

1962: *A. cuneatum* Neumann; Theiler considered *A. compressum* as nomen nudum, thus naming the pangolin tick *Amblyomma cuneatum* Neumann

1963: *A. compressum* (Macalister); Morel

1963: *A. compressum* (Macalister); Aeschlimann mentioned that *A. cuneatum* Neumann is *A. compressum* as described by Macalister.

1963: *A. compressum* (Macalister); Serrano

1966: *A. cuneatum* Neumann; Elbl & Anastos (pro parte)

1967: *A. compressum* (Macalister); Aeschlimann

1984: *A. compressum* (Macalister); Keirans

1987: *A. compressum* (Macalister); Matthyse & Colbo

1992: *A. compressum* (MacAlister); Keirans

***Amblyomma compressum javanense* Schulze, 1941**

Z. Morph. Okol. Tiere, 37(3)

See notes under the item *Amblyomma javanense*

***Amblyomma concolor* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma auricularium*

***Amblyomma confine* Koch, 1844**

Arch.Naturgesch., 10(1)

See notes under the items *Amblyomma ovale* and *Amblyomma striatum*

***Amblyomma conspicuum* Aragão, 1912**

Brazil-Med., 26(41)

See notes under the item *Amblyomma pictum*

***Amblyomma cooperi* Nuttall & Warburton, 1907**

Proc.Camb.Phil.Soc., 14(4)

1907: *Amblyomma cooperi*; Nuttall & Warburton, original description

1908: *Amblyomma lutzi*; Aragão, as new species

1926: *A. cooperi* Nuttall & Warburton; Robinson degrades *A. lutzi* to a synonym of *A. cooperi*

1940: *A. cooperi* Nuttall & Warburton; Vogelsang & Cordero

1941: *Amblyomma ypsilophorum*; Schulze, as new species

1952: *A. cooperi* Nuttall & Warburton; Fonseca & Aragão stated that *A. ypsilophorum* is a synonym of *A. cooperi*

1953: *A. cooperi* Nuttall & Warburton; Vogelsang & Santos Dias

1958: *A. lutzi* Aragão; Santos Dias (pro parte) restored the species

1972: *A. cooperi* Nuttall & Warburton; Jones, Clifford, Keirans & Kohls

1984: *A. cooperi* Nuttall & Warburton; Keirans

1992: *A. cooperi* Nuttall & Warburton; Keirans

***Amblyomma cordatum* Rudow, 1870**

Z.Ges.Naturw., 35(1)

1870: *Amblyomma cordatum*; Rudow, original description

1899: *A. cordatum* Rudow; Neumann

1901: *A. cordatum* Rudow; Neumann

1911: *A. cordatum* Rudow; Neumann

1926: *A. cordatum* Rudow; Robinson condemned the species

No additional data on this species have been published

***Amblyomma cordiferum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma cordiferum*; Neumann, original description

1926: *A. cordiferum* Neumann; Robinson

1931: *A. cordiferum* Neumann; Krijgsman & Ponto

1950: *A. cordiferum* Neumann; Anastos

1960: *A. cordiferum* Neumann; Audy, Nadchatram & Lim

1984: *A. cordiferum* Neumann; Keirans

1992: *A. cordiferum* Neumann; Keirans

***Amblyomma coronatum* Lewis, 1892**

J.Roy.Microscop.Soc., 12(4)

1892: *Amblyomma coronatum*; Lewis (name without formal description)

1912: *A. coronatum* Lewis; Hooker, Bishopp & Wood

1926: *A. coronatum* Lewis; Robinson condemned the species

No additional data on this species have been published

***Amblyomma crassipunctatum* Stoll, 1890**

Biol.Centr.-Amer.Zool., 84

See notes under the item *Amblyomma varium*

***Amblyomma crassum* Robinson, 1926**

Monograph of Ixodoidea, part IV

1926: *Amblyomma crassum*; Robinson, original description

1957: *A. crassum* Robinson; Díaz-Ungría

1966: *A. crassum* Robinson; Fairchild, Kohls & Tipton

1972: *A. crassum* Robinson; Jones, Clifford, Keirans & Kohls

1992: *A. crassum* Robinson; Keirans

***Amblyomma crenatum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma crenatum*; Neumann, original description

1899: *Amblyomma subluteum*; Neumann (as new species)

1907: *A. cajennense* (Fabricius); Banks considered *A. crenatum* Neumann (nec Say) to be only a synonym of *A. cajennense*

1926: *A. crenatum* Neumann; Robinson

1950: *A. crenatum* Neumann; Anastos

1956: *A. crenatum* Neumann; Santos Dias

1959: *A. crenatum* Neumann; Theiler & Salisbury

1984: *A. crenatum* Neumann; Keirans

1992: *A. crenatum* Neumann; Keirans

***Amblyomma cruciferum* Neumann, 1901**

Mém.Soc.Zool.Fr., 14(2-3)

1901: *Amblyomma cruciferum*; Neumann, original description

1908: *A. cruciferum* Neumann; Neumann

1909: *A. cruciferum* Neumann; Dönitz

1911: *A. cruciferum* Neumann; Neumann

1926: *A. cruciferum* Neumann; Robinson

1932: *A. cruciferum* Neumann; Bequaert

1967: *A. cruciferum* Neumann; Morel

1984: *A. cruciferum* Neumann; Keirans

1992: *A. cruciferum* Neumann; Keirans

Amblyomma cubanum Schulze, 1941

Z.Parasitenk., 12(2)

See notes under the item *Amblyomma dissimile****Amblyomma cuneatum*** Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the items *Amblyomma compressum* and *Amblyomma javanense****Amblyomma curruca*** Schulze, 1936

Z.Parasitenk., 8(6)

See notes under the item *Amblyomma auricularium****Amblyomma cyprium*** Koch & Neumann in Neumann, 1899

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma cyprium*; Koch & Neumann in Neumann, 1899. Original description "D'après deux spécimens étiquetés L. Koch, du Musée de Hambourg. Il m'a été impossible de savoir si L. Koch a donné quelque part une description de cette espèce"

1899: *Amblyomma breviscutatum*; Neumann, as new species1905: *Amblyomma scaevola*; Warburton, as new species1906: *A. scaevola* Warburton; Warburton (pro parte)1926: *Amblyomma quasicyprium*; Robinson (as new species)1926: *A. cyprium* Koch & Neumann; Robinson1926: *A. breviscutatum* Neumann; Robinson (pro parte)1927: *Amblyomma dammermani*; Warburton (as new species)1931: Nec *A. cyprium* Koch & Neumann; Krijgsman & Ponto (misidentification, see *Amblyomma babirussae*)1932: *A. cyprium aeratipes*; Schulze, as new subspecies1932: *A. dammermani* Warburton; Krijgsman & Ponto (pro parte)1933: *A. quasicyprium* Robinson; Schulze stated that *A. quasicyprium* is a synonym of *A. cyprium*1944: Nec *A. cyprium* Koch & Neumann; Toumanoff (misidentification, see *Amblyomma babirussae*)1944: *A. dammermani* Warburton; Toumanoff (pro parte)1950: *A. cyprium cyprium* Koch & Neumann and *A. c. aeratipes* Schulze; Anastos1950: *A. cyprium aeratipes* Schulze; Kohls1957: *A. cyprium cyprium*; Kohls1958: *A. cyprium* Koch & Neumann; Chang

1958: *A. breviscutatum* Neumann and *A.b. aeratipes* Schulze; Santos Dias stated that *A. cyprium* is a synonym of *A. breviscutatum*. This author also consider as valid the subspecies described by Schulze

1959: *A. breviscutatum* Neumann; Theiler & Salisbury (pro parte)1960: *A. cyprium cyprium* Koch & Neumann; Audy, Nadchatram & Lim1967: *A. breviscutatum* Neumann; Rageau (pro parte)1984: *A. cyprium* Koch & Neumann; Keirans1992: *A. cyprium* Koch & Neumann; Keirans***Amblyomma cyprium aeratipes*** Schulze, 1932

Z. Morph. Oekol. Tiere, 25(2-3)

See notes under the item *Amblyomma cyprium*

- Amblyomma chabaudi*** Rageau, 1964
 Bull.Soc.Path.Exot., 57(3)
 1964: *Amblyomma chabaudi*; Rageau, original description
 1965: *A. chabaudi* Rageau; Uilenberg
 1967: *A. chabaudi* Rageau; Uilenberg
 1992: *A. chabaudi* Rageau; Keirans
- Amblyomma dammermani*** Warburton, 1927
 Parasitol., 19(4)
 See notes under the item *Amblyomma cyprium*
- Amblyomma darlingi*** Nuttall, 1912
 Parasitol., 5(1)
 See notes under the item *Amblyomma oblongoguttatum*
- Amblyomma darwini*** Hirst & Hirst 1910
 Ann.Mag.Nat.Hist., s.8, 6(33)
 1910: *Amblyomma darwini*; Hirst & Hirst, original description
 1926: *A. darwini* Hirst & Hirst; Robinson
 1930: *A. darwini* Hirst & Hirst; Pinto
 1931: *A. darwini* Hirst & Hirst; Vitzthum
 1936: *A. darwini darwini* Hirst & Hirst; Schulze
 1936: *A. darwini wollebaeki*; Schulze, as new subspecies
 1992: *A. darwini* Hirst & Hirst; Keirans
- Amblyomma darwini wollebaeki*** Schulze, 1936
 Medd.Zool.Mus.Oslo, 45
 See notes under the item *Amblyomma darwini*
- Amblyomma decoratum*** Koch, 1844
 Arch.Naturgesch, 10(1)
 See notes under the item *Amblyomma helvolum*
- Amblyomma deminutivum*** Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Amblyomma dissimile*
- Amblyomma depressum*** Stella, 1938
 Riv.Biol.Colon., 1(2)
 1938: *Amblyomma depressum*; Stella, original description
 1939: *A. depressum* Stella; Stella
 1940: *A. depressum* Stella; Stella
 No additional references on this species have been published
- Amblyomma devium*** (Koch, 1844)
 Arch.Naturgesch., 10(1)
 See notes under the items *Amblyomma sylvaticum* and *Aponomma latum*
- Amblyomma diemeniae*** Schulze, 1950
 Z.Parasitenk., 14(5)
 1950: *Amblyomma diemeniae*; Schulze, original description
 1951: *A. diemeniae* Schulze; Schulze
 No additional references on this species have been published
- Amblyomma dissimile*** Koch, 1844
 Arch.Naturgesch., 10(1)

- 1842: *Ixodes bibroni*; Gervais (name without formal description)
 1844: *Amblyomma dissimile*; Koch, original description
 1844: *Amblyomma irroratum*; Koch (as new species)
 1844: *Amblyomma adpersum*; Koch (as new species)
 1844: *Amblyomma infumatum*; Koch (as new species)
 1844: *Ixodes humanus*; Koch (as new species)
 1844: *Ixodes flavidus*; Koch (as new species)
 1845: *Ixodes pulchellus*; Lucas (as new species)
 1886: *Ixodes boarum*; Stoll (as new species)
 1899: *Amblyomma deminutivum*; Neumann (as new species)
 1899: *A. dissimile* Koch; Neumann degraded *A. adpersum* Koch, *I. humanus* Koch, *I. boarum* Stoll and *I. flavidus* Koch to synonymies of *A. dissimile*
 1901: *A. dissimile* Koch; Neumann degraded *A. irroratum* Koch to a synonym of *A. dissimile*
 1911: *A. dissimile* Koch; Aragão
 1926: *A. dissimile* Koch; Robinson considered that *A. irroratum*, *A. adpersum*, *I. humanus*, *I. pulchellus*, *I. boarum*, *I. flavidus*, and *A. infumatum* are synonymies of *A. dissimile*.
 1926: *A. deminutivum* Neumann; Robinson considered *A. deminutivum* to be a separate species from *A. dissimile*
 1932: *A. dissimile* Koch; Bequaert
 1939: Nec *A. dissimile* Koch; Tonelli-Rondelli (see notes under the item *Amblyomma humerale*)
 1941: *Amblyomma cubanum*; Schulze, as new species. The specimens described by Schulze as *A. cubanum* seem to be conspecific with *Aponomma thumbi* (see below) that is a synonym of *A. dissimile*
 1941: *Aponomma thumbi*; Schulze, as new species
 1944: *A. dissimile* Koch; Boero
 1953: *A. dissimile* Koch; Vogelsang & Santos Dias
 1961: *A. bibroni* (Gervais); Santos Dias stated that *A. dissimile* is a synonym of *A. bibroni* (Gervais). Also, all the remaining synonymies of *A. dissimile* would fall in synonym with *A. bibroni*
 1956: *A. dissimile* Koch; Eads, Menzies, & Hightower
 1958: *A. dissimile* Koch; Floch & Fauran
 1960: *A. dissimile* Koch; Clifford & Anastos
 1966: *A. dissimile* Koch; Cerny
 1966: *A. dissimile* Koch; Fairchild, Kohls, & Tipton
 1972: *A. dissimile* Koch; Jones, Clifford, Keirans & Kohls
 1984: *A. dissimile* Koch; Keirans
 1992: *A. dissimile* Koch. Keirans

Amblyomma distinctum Karsch, 1879

Z.Ges.Naturw., 52(4)

See notes under the item *Amblyomma testudinarium*

Amblyomma dubitatum Neumann, 1899

Mém.Soc.Zool.Fr., 12

The original description was based on one female (type) without host specification, reported to have collected from Southern Spain. Neumann itself remarks that a female, collected at Congo closely resembles *A. dubitatum*. There are not *Amblyomma* species in Spain.

Santos Dias (1958) stated that *A. dubitatum* is a "species inquirendae". Keirans (1992) did not include the species in his list of valid names of ticks.

***Amblyomma eburneum* Gerstäcker, 1873**

Gliderthiere (Baron Carl Claus von der Decken's Reisen in Ost-Afrika, 3: Wissenschaftliche Ergebnisse, 2).

1873: *Amblyomma eburneum*; Gerstäcker, original description

1899: *A. eburneum* Gerstäcker; Neumann

1905: *A. hebraeum eburneum*; Neumann (new rank) considered *A. eburneum* Gerstäcker as only a subspecies of *A. hebraeum*

1905: *A. eburneum* Gerstäcker; Dönitz

1911: *A. eburneum* Gerstäcker; Neumann

1916: Nec *A. eburneum* Gerstäcker; Paoli (pro parte).

Specimens described by this author are adults of *A. gemma* Dönitz

1926: *A. eburneum* Gerstäcker; Robinson

1929: *A. eburneum* Gerstäcker; Franchini

1934: *A. eburneum* Gerstäcker; Lewis

1956: *A. eburneum* Gerstäcker; Hoogstraal

1956: *A. barbaricum*; Santos Dias (as new species)

1956: Nec *A. eburneum* Gerstäcker; Santos Dias (pro parte).

Specimens reported by this author are *A. gemma*

1958: Nec *A. eburneum* Gerstäcker; Santos Dias (pro parte).

Specimens reported by this author are *A. gemma*

1959: *A. barbaricum* Santos Dias; Tendeiro (pro parte)

1961: *A. eburneum* Gerstäcker; Aeschlimann

1962: *A. eburneum* Gerstäcker; Santos Dias stated that *A. barbaricum* is a synonym of *A. eburneum* Gerstäcker

1966: *A. eburneum* Gerstäcker; Elbl & Anastos

1984: *A. eburneum* Gerstäcker; Keirans

1987: *A. eburneum* Gerstäcker; Matthysse & Colbo

1992: *A. eburneum* Gerstäcker; Keirans

***Amblyomma echidnae* Roberts, 1953**

Aust.J.Zool., 1(1)

1953: *Amblyomma echidnae*; Roberts, original description

1964: *A. echidnae* Roberts; Roberts

1992: *A. echidnae* Roberts; Keirans

***Amblyomma exophthalmum* Méndez Arocha & Ortiz, 1958**

Mem.Soc.Cienc.Nat. "La Salle", 51(18)

1958: *Amblyomma exophthalmum*; Méndez Arocha & Ortiz, original description

No additional references on this species were found

***Amblyomma exornatum* Koch, 1844**

Arch. Naturgesch., 10(1)

See notes under the item *Aponomma exornatum*

***Amblyomma extraoculatum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma extraoculatum*; Neumann, original description

1911: *A. extraoculatum* Neumann; Neumann

1926: *A. extraoculatum* Neumann; Robinson

1939: *Amblyomma romitii*; Tonelli-Rondelli, as new species

1940: *Amblyomma tasquei*; Floch & Abonnenc, as new species

1944: *A. extraoculatum* Neumann; Toumanoff

1954: *A. romitii* Tonelli-Rondelli; Aragão & Fonseca (pro parte)

1955: *A. extraoculatum* Neumann; Santos Dias stated that *A. romitii* and *A. tasquei* are synonymies of *A. extraoculatum*. This author also mentioned that *A. extraoculatum* cannot have come originally from Oriental region, but from Neotropical region. Singapore is error in labelling

1958: *A. romitii* Tonelli-Rondelli; Floch & Fauran

1984: *A. extraoculatum* Neumann; Keirans

1987: *A. extraoculatum* Neumann; Jones, Clifford, Keirans & Kohls

1992: *A. extraoculatum* Neumann; Keirans

Amblyomma faiai Santos Dias, 1951

Moçambique, 66

See notes under the item *Amblyomma sparsum*

Amblyomma falsomarmoreum Tonelli-Rondelli, 1935

Atti Soc.Ital.Sci.Nat., 74(3)

1916: *A. marmoreum* Koch; Paoli (according to Theiler, 1962)

1926: *A. marmoreum* Koch; Robinson (pro parte, according to Keirans, 1984)

1935: *Amblyomma falsomarmoreum*; Tonelli-Rondelli, original description

1958: *A. falsomarmoreum* Tonelli-Rondelli; Santos Dias

1959: *A. falsomarmoreum* Tonelli-Rondelli; Theiler & Salisbury

1962: *A. falsomarmoreum* Tonelli-Rondelli; Theiler

1967: *A. falsomarmoreum* Tonelli-Rondelli; Yeoman & Walker

1984: *A. falsomarmoreum* Tonelli-Rondelli; Keirans

1987: *A. falsomarmoreum* Tonelli-Rondelli; Matthyse & Colbo

1992: *A. falsomarmoreum* Tonelli-Rondelli; Keirans

Amblyomma fallax Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma testudinarium*

Amblyomma feuerborni Schulze, 1932

Z.Morph.Okol.Tiere., 25(2-3)

See notes under the item *Amblyomma helvolum*

Amblyomma fiebrigi Robinson, 1912

Parasitol., 4(4)

See notes under the item *Amblyomma pacae*

Amblyomma fimbriatum Koch, 1844

Arch. Naturgesch., 10(1)

See notes under the item *Aponomma fimbriatum*

Amblyomma finitimum Tonelli-Rondelli, 1937

Riv.Parassit., 1(4)

See notes under the item *Amblyomma cajennense*

Amblyomma foai Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma rhinocerotis*

Amblyomma foreli Stoll, 1890

Biol.Centr.-Amer., Zool, 84
See notes under the item *Amblyomma americanum*

Amblyomma formosanum Schulze, 1933
Zool.Anz., 104(11-12)
See notes under the item *Amblyomma geoemydae*

Amblyomma fossium Neumann, 1899
Mém.Soc.Zool.Fr., 12
See notes under the items *Amblyomma ovale* and *Amblyomma striatum*

Amblyomma fulvum Neumann, 1899
Mém.Soc.Zool.Fr., 12
1899: *Amblyomma fulvum*; Neumann, original description
1911: *A. fulvum* Neumann; Neumann
1918: *A. fulvum* Neumann; Araújo
1926: *A. fulvum* Neumann; Robinson
1972: *A. fulvum* Neumann; Keirans
1992: *A. fulvum* Neumann; Keirans

Amblyomma furcosum Neumann, 1901
Mém.Soc.Zool.Fr., 14(2-3)
See notes under the item *Amblyomma helvolum*

Amblyomma furcula Dönitz, 1909
Sber.Ges.Naturf.Freunde Berl., 8
See notes under the item *Amblyomma neumanni*

Amblyomma fuscolineatum (Lucas, 1847)
Ann.Soc.Ent.Fr., 5(7)
See notes under the item *Aponomma fuscolineatum*

Amblyomma fuscula Jacob, 1924
Z.Morphol.Okol.Tiere, 1
Lapsus for *Amblyomma furcula* Döntiz? See notes under the item *Amblyomma neumanni*

Amblyomma fuscum Neumann, 1907
Notes Leyden Mus., 29(2)
1907: *Amblyomma fuscum*; Neumann, original description
1911: *A. fuscum* Neumann; Neumann
1926: *A. fuscum* Neumann; Robinson did not examine the types, and only reproduced the original figures of Neumann
1930: *A. fuscum* Neumann; Pinto
1954: *A. fuscum* Neumann; Correa
No additional references on this species have been found.
Keirans (1992) does not include it in his list of valid tick species.

Amblyomma geayi Neumann, 1899
Mém.Soc.Zool.Fr., 12
1869: *Ixodes perpunctatus*; Packard (name without description)
1899: *Amblyomma geayi*; Neumann, original description
1899: *A. geayi* Neumann; Neumann
1901: *A. geayi* Neumann; Neumann
1901: *A. geayi* Neumann; Salmon & Stiles

- 1910: *Amblyomma v-notatum*; Nuttall, as new species
 1911: *A. geayi* Neumann; Neumann
 1911: *Amblyomma perpunctatum* (Packard); Neuamnn, new combination (pro parte)
 1911: *A. geayi* Neumann; Aragão
 1914: *A. geayi* Neumann; Banks
 1926: *A. geayi* Neumann; Bequaert
 1926: *A. geayi* Neumann; Robinson degrades *A. v-notatum* to a synonym of *A. geayi*
 1942: *A. geayi* Neumann; Floch & Abonnenc
 1958: *A. geayi* Neumann; Floch & Fauran
 1961: *A. perpunctatum* (Packard); Santos Dias (as valid species)
 1966: *A. geayi* Neumann; Fairchild, Kohls & Tipton
 1972: *A. geayi* Neumann; Jones, Clifford, Keirans & Kohls
 1984: *A. geayi* Neumann; Keirans
 1992: *A. geayi* Neumann; Keirans

***Amblyomma gemma* Dönitz, 1909**

- Sber.Ges.Naturf.Freunde Berl., 8
 1909: *Amblyomma eburneum*; Dönitz, original description
 1912: *A. gemma* Dönitz; Neave
 1916: *A. eburneum* Gerstäcker; Paoli (misidentification).
 Specimens described by this author are adults of *A. gemma* Dönitz
 1920: *A. gemma* Dönitz; Nuttall
 1926: *A. gemma* Dönitz; Robinson
 1930: *A. gemma* Dönitz; Bequaert
 1938: *A. gemma* Dönitz; Stella
 1953: *A. gemma* Dönitz; Hoogstraal
 1956: *A. gemma* Dönitz; Hoogstraal
 1956: *A. eburneum* Gerstäcker; Santos Dias (misidentification). Specimens reported by this author are *A. gemma*
 1958: *A. eburneum* Gerstäcker; Santos Dias (misidentification). Specimens reported by this author are *A. gemma*
 1960: *A. gemma* Dönitz; Clifford & Anastos
 1961: *A. gemma* Dönitz; Aeschlimann
 1964: *A. gemma* Dönitz; Zumpt
 1967: *A. gemma* Dönitz; Yeoman & Walker
 1984: *A. gemma* Dönitz; Keirans
 1987: *A. gemma* Dönitz; Matthyse & Colbo
 1992: *A. gemma* Dönitz; Keirans

***Amblyomma geoemydae* (Cantor, 1847)**

- J. Asiat. Soc. Beng., n.s. 7
 1847: *Ixodes geoemydae*; Cantor, original description
 1906: *Amblyomma geoemydae* (Cantor); Neumann, new combination
 1908: *Amblyomma malayanum*; Neumann, as new species
 1908: *Amblyomma caelaturum*; Cooper & Robinson, as new species
 1926: *A. geoemydae* (Cantor); Robinson (pro parte)
 1926: *A. caelaturum* Cooper & Robinson; Robinson (pro parte)
 1932: *A. caelaturum perfectum*; Schulze, as new subspecies
 1950: *A. geoemydae* (Cantor); Anastos
 1957: *A. geoemydae* (Cantor); Kohls
 1958: *A. geoemydae* (Cantor); Santos Dias

1960: *A. geoemydae* (Cantor); Audy, Nadchatram & Lim
 1968: *A. geoemydae* (Cantor); Hoogstraal, Santana & Van Peenen
 1984: *A. geoemydae* (Cantor); Keirans
 1992: *A. geoemydae* (Cantor); Keirans

Amblyomma gertschi Cooley & Kohls, 1942
 Publ.Hlth.Rep.U.S.Publ.Helth.Serv., 57(46)
 See notes under the item *Amblyomma varium*

Amblyomma giganteum Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Amblyomma longirostre*

Amblyomma goeldii Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 1873: *Ixodes fuscomaculatus*; Lucas (named without description)
 1899: *Amblyomma goeldii*; Neumann, original description (but Neumann used a female of *A. rotundatum* Koch in the original description, according to Floch and Fauran, 1958, and Keirans, 1984).
 1911: *A. goeldii* Neumann; Neumann
 1913: *A. goeldii* Neumann; Neumann
 1926: *A. goeldii* Neumann; Robinson
 1926: *A. goeldii* Neumann; Bequaert
 1927: *Aponomma kerberti*; Oudemans, as new species
 1941: *A. goeldii* Neumann; Floch & Abonnenc (pro parte)
 1941: *Amblyomma ininii*; Floch & Abonnenc, as new species
 1958: *A. goeldii* Neumann; Floch & Fauran
 1984: *A. goeldii* Neumann; Keirans
 1992: *A. goeldii* Neumann; Keirans

Amblyomma guianense Neumann, 1907
 Notes Leyden Mus., 29(2)
 See notes under the item *Amblyomma multipunctum*

Amblyomma gypsatum Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Amblyomma humerale*

Amblyomma haiananense Teng & Huang, 1981
 Acta Ent. Sinica, 24:99-102
 1981: *Amblyomma haiananense*; Teng & Huang, original description
 1992: *A. haiananense* Teng & Huang; Keirans

Amblyomma haitianum Schulze, 1941
 Zool. Anz., 133(9-10)
 See notes under the item *Amblyomma albopictum*

Amblyomma hassalli Marx & Neumann in Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Amblyomma hebraeum*

Amblyomma hebraeum Koch, 1844
 Arch.Naturgesch., 10(1)
 1844: *Amblyomma hebraeum*; Koch, original description

- 1844: *Amblyomma annulipes*; Koch (as new species)
 1850: *Ixodes poortmani*; Lucas (as new species)
 1899: *A. hebraeum* Koch; Neumann
 1899: *Amblyomma hassalli*; Marx & Neumann in Neumann (as new species)
 1901: *A. hassalli* Marx & Neumann; Salmon & Stiles (pro parte)
 1901: *A. hebraeum* Koch; Neumann stated that *A. hassalli* Marx & Neumann and *A. annulipes* Koch are synonymies of *A. hebraeum*
 1905: Nec *A. hebraeum eburneum* Gerstaecker; Neumann (new rank, see notes under the item *Amblyomma eburneum*)
 1905: Nec *A. hebraeum splendidum* Giebel; Neumann (new rank, see notes under the item *Amblyomma splendidum*)
 1908: Nec *A. hebraeum eburneum* Gerstaecker; Howard (see notes under the item *Amblyomma eburneum*)
 1908: Nec *A. hebraeum magnum* Neumann; Neumann (see notes under the item *Amblyomma sparsum*)
 1909: Nec *A. hebraeum splendidum* Giebel; Hirst (see notes under the item *Amblyomma splendidum*)
 1911: Nec *A. hebraeum eburneum* Gerstaecker; Neumann (see notes under the item *Amblyomma eburneum*)
 1911: Nec *A. hebraeum splendidum* Giebel; Neumann (see notes under the item *Amblyomma splendidum*)
 1916: *A. hebraeum* Koch; Nuttall
 1926: *A. hebraeum* Koch; Robinson noted that *Ixodes poortmani* Lucas and *Amblyomma distinctum* Karsch are synonymies of *A. hebraeum* Koch (but *A. distinctum* is currently considered to be *A. testudinarium*)
 1926: *A. hebraeum* Koch; Franchini
 1929: Nec *A. hebraeum lepidum* Franchini (new rank); see notes under the item *Amblyomma lepidum*
 1932: *A. hebraeum* Koch; Bedford
 1943: *A. hebraeum* Koch; Theiler
 1947: Nec *A. hebraeum splendidum* Giebel; Santos Dias (see notes under the item *Amblyomma splendidum*)
 1947: *A. hebraeum* Koch; Santos Dias
 1947: *Amblyomma theileri*; Santos Dias (as new species)
 1951: *A. hebraeum* Koch; Tendeiro
 1952: *A. hebraeum* Koch; Tendeiro stated that *A. hebraeum splendidum* Neumann is a synonym of *A. hebraeum*
 1951: Nec *A. hebraeum* Koch; Schoenaers (misidentification, see notes under the item *Amblyomma cohaerens*)
 1956: *A. hebraeum* Koch; Hoogstraal
 1958: *A. hebraeum* Koch; Morel & Mouchet
 1958: *A. hebraeum* Koch; Zumpt
 1959: *A. hebraeum* Koch; Theiler & Salisbury stated that *A. hebraeum magnum* is a synonym of *A. sparsum*
 1960: *A. hebraeum* Koch; Santos Dias
 1962: *A. hebraeum* Koch; Theiler
 1962: *A. theilerae* Santos Dias; Santos Dias emended the name *theileri*
 1962: *A. theilerae* Santos Dias; Walker (pro parte)
 1967: *A. hebraeum* Koch; Yeoman & Walker
 1974: *A. hebraeum* Koch; Walker
 1984: *A. hebraeum* Koch; Keirans
 1987: *A. hebraeum* Koch; Matthyse & Colbo
 1992: *A. hebraeum* Koch; Keirans

***Amblyomma hebraeum eburneum* Neumann, 1905**

Arch. Parasit., 9(2)

See notes under the items *Amblyomma hebraeum* and *Amblyomma eburneum****Amblyomma hebraeum magnum* Neumann, 1908**

Jb.Nassau.Ver.Naturk., 62

See notes under the item *Amblyomma sparsum****Amblyomma hebraeum splendidum* Neumann, 1905**

Arch. Parasit., 9(2)

See notes under the item *Amblyomma splendidum****Amblyomma helvolum* Koch, 1844**

Arch.Naturgesch, 10(1)

1844: *Amblyomma helvolum*; Koch, original description1844: *Amblyomma decoratum*; Koch, as new species1899: *A. helvolum* Koch; Neumann1899: *Amblyomma quadrimaculatum*; Neumann, as new species1901: *A. decoratum* Koch; Neumann degrades *A. helvolum* Koch to a synonym of *A. decoratum*1901: *Amblyomma furcosum*; Neumann, as new species1910: *Amblyomma tenimberense*. Hirst & Hirst, as new species1911: *A. helvolum* Koch; Neumann (pro parte)1911: *A. decoratum* Koch; Neumann degrades *A. quadrimaculatum* and *A. furcosum* to a synonym of *A. decoratum*1926: *A. helvolum* Koch; Robinson condemned *A. decoratum* Koch1926: *A. helvolum* Koch; Warburton1932: *Amblyomma feuerboni*; Schulze, as new species1946: *Aponomma tenimberense* (Hirst & Hirst); Taylor, new combination for *Amblyomma tenimberense*1950: *A. helvolum* Koch; Anastos1953: *A. helvolum* Koch; Roberts1958: *A. helvolum* Koch; Santos Dias1960: *A. helvolum* Koch; Audy, Nadchatram & Lim1968: *A. helvolum* Koch; Hoogstraal, Santana & Van Peenen1984: *A. helvolum* Koch; Keirans1992: *A. helvolum* Koch; Keirans***Amblyomma hirtum* Neumann, 1906**

Arch.Parasit., 10(2)

See notes under the item *Amblyomma pilosum****Amblyomma humerale* Koch, 1844**

Arch.Naturgesch., 10(1)

1844: *Amblyomma humerale*; Koch, original description1899: *A. humerale* Koch; Neumann1899: *Amblyomma gypsatum*; Neumann, as new species1901: *A. gypsatum* Neumann; Neumann, pro parte1901: *A. gypsatum* Neumann; Salmon & Stiles, pro parte1905: *A. humerale* Koch; Neumann degrades *A. gypsatum* to a synonym of *A. humerale*1908: *Amblyomma longirostrum*; Cooper & Robinson, as new species1926: *A. humerale* Koch; Robinson degrades *A. longirostrum* to a synonym of *A. humerale*1936: *A. humerale* Koch; Aragão

- 1939: *A. dissimile* Koch; Tonelli-Rondelli degrades *A. humerale* to a synonym of *A. dissimile*
 1943: *A. humerale* Koch; Fairchild
 1956: *A. humerale* Koch; Eads, Menzies & Hightower
 1958: *A. humerale* Koch; Floch & Fauran
 1958: *A. humerale* Koch; Santos Dias
 1961: *A. humerale* Koch; Aragão & Fonseca
 1984: *A. humerale* Koch; Keirans
 1992: *A. humerale* Koch; Keirans

Amblyomma hydrosauri (Denny, 1843)

Ann.Mag.Nat.Hist., 12

See notes under the item *Aponomma hydrosauri*

Amblyomma imitator Kohls, 1958

J.Parasit., 44(4)

- 1958: *Amblyomma imitator*; Kohls, original description
 1959: *A. imitator* Kohls; Becklund
 1961: *A. imitator* Kohls; Aragão & Fonseca
 1962: *A. imitator* Kohls; Hoffmann
 1964: *A. cajennense imitator* Kohls; Sundman & Price erroneously considered *A. imitator* as a subspecies of *A. cajennense*
 1992: *A. imitator* Kohls; Keirans

Amblyomma immaculatum Spicer & Dove, 1938

J.Econ.Ent., 31(6)

Lapsus for *Amblyomma maculatum* Koch?

Amblyomma incisum Neumann, 1906

Arch.Parasit., 10(2)

- 1906: *Amblyomma incisum*; Neumann, original description
 1911: *A. incisum* Neumann; Aragão
 1911: *A. incisum* Neumann; Neumann
 1926: *A. incisum* Neumann; Robinson
 1936: *A. incisum* Neumann; Pomerantzev
 1941: *Amblyomma superbrasiliense*; Schulze (as new species)
 1952: *A. incisum* Neumann; Fonseca & Aragão stated that *A. superbrasiliense* Schulze is a synonym of *A. incisum*
 1958: *A. incisum* Neumann; Floch & Fauran
 1961: *A. incisum* Neumann; Aragão & Fonseca
 1963: *A. incisum* Neumann; Santos Dias
 1992: *A. incisum* Neumann; Keirans

Amblyomma infestum Koch, 1844

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma testudinarium*

Amblyomma infestum borneense Schulze, 1936

Z.Parasitenk., 8(6)

See notes under the item *Amblyomma testudinarium*

Amblyomma infestum taivanicum Schulze, 1935

Zool.Anz., 112(9-10)

See note under the item *Amblyomma testudinarium* Koch

Amblyomma infestum testudinarium Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma testudinarium*

***Amblyomma infumatum* Koch, 1844**

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma dissimile*

***Amblyomma infutum* Bertkau, 1880**

Mém.Cour.Acad.R.Sci.Belg., 43

Lapsus for *Amblyomma infumatum* Koch? See notes under the *Amblyomma dissimile*

***Amblyomma ininii* Floch & Abonnenc, 1941**

Publ.Inst.Pasteur Guyane, 4

See notes under the item *Amblyomma goeldii*

***Amblyomma inornatum* (Banks, 1909)**

Proc.Ent.Soc.Wash., 10(3-4)

1909: *Aponomma inornata*; Banks, original description

1911: *A. inornata* Banks; Gedoelst

1912: *A. inornata* Banks; Hooker & Bishopp

1939: *Amblyomma philipi*; Cooley & Kohls, as new species

1943: *Amblyomma inornatum* (Banks); Fairchild, new combination

1944: *A. inornatum* (Banks); Cooley & Kohls

1948: *A. inornatum* (Banks); Eads

1951: *A. inornatum* (Banks); Eads, Menzies & Hightower

1962: *A. inornatum* (Banks); Hoffmann

1992: *A. inornatum* (Banks); Keirans

***Amblyomma integrum* Karsch, 1879**

Z.Ges.Naturw., 52(3)

1879: *Amblyomma integrum*; Karsch, original description

1899: *A. testudinarium* Koch; Neumann stated that *A. integrum* is a synonym of *A. testudinarium*

1906: *Amblyomma prolongatum*; Neumann, as new species

1909: *A. integrum* Karsch; Dönitz degrades *A. prolongatum* to a synonym of *A. integrum*

1911: *A. integrum* Karsch; Neumann

1926: *A. integrum* Karsch; Robinson

1928: *A. integrum* Karsch; Sharif

1954: *A. integrum* Karsch; Santos Dias

1960: *Amblyomma mudaliari*; Rao, Hiregaudar & Alwar (as new species)

1960: *A. mudaliari* Rao, Hiregaudar & Alwar; Alwar (pro parte)

1962: *A. integrum* Karsch; Trapido

1965: *A. integrum* Karsch; Seneviratna

1984: *A. integrum* Karsch; Keirans

1992: *A. integrum* Karsch; Keirans

***Amblyomma irroratum* Koch, 1844**

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma dissimile*

***Amblyomma javanense* (Supino, 1897)**

Atti Soc.Ve.-Trent.Sci.Nat.Padova, 3(1)

1897: *Rhipicephalus javanensis*; Supino, original description

1899: *Amblyomma sublaeve*; Neumann, as new species

- 1901: *Amblyomma badium*; Neumann, as new species
 1902: *A. badium* Neumann; Neumann follows previous publication on *A. sublaeve* and *A. badium*, as two different species and separated from *A. javanense* (Supino)
 1908: *Aponomma javanense*; Cooper & Robinson, as new species
 1926: *A. sublaeve* Neumann; Robinson stated that *A. badium* Neumann, *A. sublaeve* Neumann, and *Aponomma javanense* Cooper & Robinson are synonymies of *A. sublaeve* Neumann. Also, Robinson erroneously synonymized *Aponomma politum* Neumann under *A. sublaeve* (see notes under the item *Aponomma latum*)
 1928: *A. sublaeve* Neumann; Sharif stated that *A. badium* Neumann is a synonym of *A. sublaeve* Neumann
 1937: *A. javanense cuneatum* Neumann; Schulze ranked *A. cuneatum* Neumann to a subspecies of *A. javanense*; see also notes under the item *Amblyomma compressum*
 1941: *A. compressum javanense*; Schulze recognized the synonym between *A. cuneatum* Neumann and *A. compressum* (Macalister); and ranked *A. javanense* (Supino) to a subspecies of *A. compressum* (Macalister)
 1945: *A. badium* Neumann; Buitendijk (following Neumann's considerations: see above)
 1950: *A. javanense* (Supino); Anastos
 1950: *A. javanense* (Supino); Kohls
 1957: *Aponomma caponii*; Toumanoff & Maillard (as new species)
 1960: *A. javanense* (Supino); Audy, Nadchatram & Lim
 1968: *A. javanense* (Supino); Hoogstraal, Santana, & Van Peenen
 1992: *A. javanense* (Supino); Keirans

Amblyomma javanense cuneatum Schulze, 1937
 Z.Parasitenk., 9(6)
 See notes under the item *Amblyomma javanense*

Amblyomma laeve Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Aponomma latum*

Amblyomma latepunctatum Tonelli-Rondelli, 1939
 Riv.Parassit., 3(1)
 See notes under the item *Amblyomma sculpturatum*

Amblyomma laticaudae Warburton, 1933
 Parasitol., 24(4)
 1933: *Amblyomma laticaudae*; Warburton, original description
 1961: *A. laticaudae* Warburton; Rageau
 1962: *A. nitidum* Hirst & Hirst; Audy, Nadchatram & Lim erroneously considered *A. laticaudae* to be a synonym of *A. nitidum*
 1992: *A. laticaudae* Warburton; Keirans

Amblyomma latum (Koch, 1844)
 Arch. Naturgesch., 10(1)
 See notes under the items *Amblyomma sylvaticum* and *Aponomma latum*

Amblyomma lepidum Dönitz, 1909
 Sber.Ges.Naturf.Freunde Berl., 8

- 1909: *Amblyomma lepidum*; Dönitz, original description
 1926: *A. lepidum* Dönitz; King
 1926: *A. lepidum* Dönitz; Robinson
 1929: *A. hebraeum lepidum* Dönitz; Franchini
 1954: *A. lepidum* Dönitz; Feldman-Muhsam
 1956: *A. lepidum* Dönitz; Floyd & Hoogstraal
 1956: *A. lepidum* Dönitz; Hoogstraal
 1958: *A. lepidum* Dönitz; Hoogstraal & Kaiser
 1958: *A. lepidum* Dönitz; Santos Dias
 1960: *A. lepidum* Dönitz; Walker
 1961: *A. lepidum* Dönitz; Morel & Graber
 1964: *A. lepidum* Dönitz; Zumpt
 1967: *A. lepidum* Dönitz; Theodor & Costa
 1967: *A. lepidum* Dönitz; Yeoman & Walker
 1992: *A. lepidum* Dönitz; Keirans

***Amblyomma leucozomum* Schulze, 1936**

Z. Parasitenk., 8(6)

See notes under the item *Amblyomma calcaratum*

***Amblyomma limbatum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

- 1899: *Amblyomma limbatum*; Neumann, original description
 1911: *A. limbatum* Neumann; Neumann
 1926: *A. limbatum* Neumann; Robinson
 1953: *A. limbatum* Neumann; Roberts
 1964: *A. limbatum* Neumann; Roberts
 1965: *A. limbatum* Neumann; Oliver
 1992: *A. limbatum* Neumann; Keirans

***Amblyomma lineatum* (Fabricius, 1775)**

Systema Entomologiae

- 1775: *Acarus lineatus*; Fabricius, original description
 1805: *Ixodes lineatus* (F.); Fabricius, new combination
 1844: *Amblyomma lineatum* (F.); Koch, new combination
 1899: *A. lineatum* (F.); Neumann
 1926: *A. lineatum* (F.); Robinson condemned the species
 No additional data on this species have been published

***Amblyomma loculosum* Neumann, 1907**

Trans.Linn.Soc.Lond., Zool., 12(2)

- 1907: *Amblyomma loculosum*; Neumann, original description
 1911: *A. loculosum* Neumann; Neumann
 1926: *A. loculosum* Neumann; Robinson
 1953: *Amblyomma sterna*; Roberts (as new species)
 1964: *A. loculosum* Neumann; Roberts
 1966: *A. sterna* Roberts; Gregory (pro parte)
 1967: *A. loculosum* Neumann; Rageau
 1992: *A. loculosum* Neumann; Keirans

***Amblyomma longirostre* (Koch, 1844)**

Arch.Naturgesch., 10(1)

- 1844: *Haemalastor longirostris*; Koch, original description
 1847: *H. longirostris* Koch; Koch
 1879: *Haemalastor crassitarsus*; Karsch (as new species)
 1899: *H. longirostris* Koch; Neumann
 1899: *Hyalomma crassitarsus* (Karsch); Neumann (pro parte),
 (new combination)

- 1899: *Amblyomma giganteum*; Neumann (as new species)
 1899: *Amblyomma avicola*; Neumann (as new species)
 1901: *Hyalomma longirostre* (Koch); Neumann
 1905: *Amblyomma longirostre* (Koch); Neumann (new combination)
 1908: *A. longirostrum* (Koch); Cooper & Robinson
 1911: *A. longirostre* (Koch); Aragão
 1918: *A. longirostre* (Koch); Aragão
 1926: *A. longirostre* (Koch); Robinson. This author also mentioned the synonymies of *H. crassitarsus* Karsch, *A. giganteum* Neumann, and *A. avicola* Neumann
 1940: *A. longirostre* (Koch); Floch & Abonnenc
 1944: *Amblyomma avecolens*; Cooley & Kohls (as new species)
 1951: *Amblyomma parkeri*; Fonseca & Aragão (nomen nudum)
 1952: *Amblyomma parkeri*; Fonseca & Aragão (as new species)
 1958: *A. longirostre* (Koch); Floch & Fauran
 1959: *A. longirostrum* (Koch); Campana-Rouget
 1960: *A. longirostre* (Koch); Vogelsang & Santos Dias
 1961: *A. parkeri* Fonseca & Aragão; Aragão & Fonseca (pro parte)
 1962: *A. longirostre* (Koch); Hoffmann
 1966: *A. longirostre* (Koch); Fairchild, Kohls & Tipton
 1972: *A. longirostre* (Koch); Jones, Cliffors, Keirans & Kohls
 1992: *A. longirostre* (Koch); Keirans

Amblyomma longirostrum Cooper & Robinson, 1908
 Proc.Camb.Phil.Soc., 14(5)
 See notes under the item *Amblyomma humerale*

Amblyomma lutzii Aragão, 1908
 Brazil-Med., 22(12)
 See notes under the item *Amblyomma cooperi*

Amblyomma macfarlandi Keirans, Hoogstraal, & Clifford, 1973
 Ann.Entom.Soc.Am., 66(3)
 1973: *Amblyomma macfarlandi*; Keirans, Hoogstraal, & Clifford, original description
 1984: *A. macfarlandi* Keirans, Hoogstraal, & Clifford; Keirans
 1992: *A. macfarlandi* Keirans, Hoogstraal, & Clifford; Keirans

Amblyomma macropi Roberts, 1953
 Aust.J.Zool., 1(1)
 1953: *Amblyomma macropi*; Roberts, original description
 1992: *A. macropi* Roberts; Keirans

Amblyomma maculatum Koch, 1844
 Arch.Naturgesch., 10(1)
 1844: *Amblyomma maculatum*; Koch, original description
 1844: *Amblyomma rubripes*; Koch, as new species
 1847: *A. maculatum* Koch; Koch
 1844: *Amblyomma complanatum*. Berlese, as new species
 1899: *A. maculatum* Koch; Neumann
 1901: *A. maculatum* Koch; Neumann
 1908: *A. maculatum* Koch; Banks

- 1909: *A. maculatum* Koch; Dönitz
 1911: *A. maculatum* Koch; Neumann
 1926: *Amblyomma tigrinum* Koch; Robinson erroneously synonymized *A. tigrinum* with *A. maculatum* Koch
 1926: *Amblyomma triste* Koch; Robinson erroneously synonymized *A. triste* with *A. maculatum*
 1926: *A. maculatum* Koch; Robinson stated that *A. rubripes* Koch, *A. ovatum* Koch (erroneously), and *A. complanatum* Berlese are synonymies of *A. maculatum*. But see also *A. tigrinum* Koch for notes on *A. ovatum*
 1936: *A. maculatum* Koch; Oudemans
 1940: *A. maculatum* Koch; Floch & Abonnenc
 1945: *A. maculatum* Koch; Bishopp & Trembley
 1945: *A. maculatum* Koch; Boero
 1960: *A. maculatum* Koch; Clifford & Anastos
 1965: *A. maculatum* Koch; Sonenchine, Lamb & Anastos
 1961: *A. maculatum* Koch; Aragão & Fonseca
 1972: *A. maculatum* Koch; Jones, Cliffors, Keirans & Kohls
 1984: *A. maculatum* Koch; Keirans
 1992: *A. maculatum* Koch; Keirans

***Amblyomma malayanum* Neumann, 1908**

Arch.Parasit., 12(1)

See notes under the item *Amblyomma geoemydae*

***Amblyomma mantiquirensis* Aragão, 1908**

Brazil-Med., 22(26)

See notes under the item *Amblyomma naponense*

***Amblyomma marmoreum* Koch, 1844**

Arch. Naturgesch., 10(1)

1844: *Amblyomma marmoreum*; Koch, original description

1847: *A. marmoreum* Koch; Koch

1899: *A. marmoreum* Koch; Neumann

1899: *Amblyomma rugosum*. Neumann, as new species

1901: *A. marmoreum* Koch; Neumann

1901: Nec *A. marmoreum* Koch; Neumann (Stuhlmann's specimen: see notes under *Amblyomma nuttalli*)

1907: *A. marmoreum* Koch; Dönitz

1908: *A. marmoreum* Koch; Howard (pro parte, South African specimens, according to Theiler & Salisbury, 1959)

1910: Nec *A. marmoreum* Koch; Dönitz (East African material, according to Theiler & Salisbury, 1959)

1910: *A. marmoreum* Koch; Dönitz (South African records, according to Theiler & Salisbury, 1959)

1911: *A. marmoreum* Koch; Neumann

1916: Nec *A. marmoreum* Koch; Paoli (pro parte, according to Theiler & Salisbury, 1959)

1920: *A. marmoreum* Koch; Bedford

1923: Nec *A. marmoreum* Koch; Loveridge (specimens are *A. nuttalli*, according to Bequaert, 1930)

1926: *A. marmoreum* Koch; Robinson (pro parte, South African material, according to Theiler & Salisbury, 1959)

1926: Nec *A. marmoreum* Koch; Robinson (some specimens are *A. nuttalli*, *A. sparsum*, and *A. falsomarmoreum*, according to Keirans, 1984)

1926: Nec *A. marmoreum* Koch; Robinson (synonymies *Amblyomma sparsum* and *Amblyomma devium* are invalid)

- 1930: *A. marmoreum* Koch; Bequaert
 1932: *A. marmoreum* Koch; Schulze
 1932: *A. rugosum* Neumann; Schulze (pro parte)
 1936: *Amblyomma serpentinum*; Schulze (as new species)
 1956: *Amblyomma devium*; Santos Dias (Hamburg Museum specimen, according to Theiler & Salisbury, 1959)
 1956: Nec *A. marmoreum* Koch; Santos Dias (all specimens except Mozambique, according to Theiler & Salisbury, 1959)
 1956: *A. marmoreum* Koch; Hoogstraal
 1958: *A. marmoreum* Koch; Santos Dias
 1958: *A. marmoreum* Koch; Zumpt
 1962: *A. marmoreum* Koch; Theiler
 1964: *A. marmoreum* Koch; Theiler
 1984: *A. marmoreum* Koch; Keirans
 1987: *A. marmoreum* Koch; Matthyse & Colbo
 1992: *A. marmoreum* Koch; Keirans

***Amblyomma mixtum* Koch, 1844**

Arch. Naturgesch., 10(1)

See notes under the item *Amblyomma cajennense*

***Amblyomma moreliae* (Koch, 1867)**

Verh.K.K.Zool.Bot.Ges.Wein, 17

- 1867: *Ixodes moreliae*; Koch, original description
 1899: *Amblyomma moreliae* (Koch); Neumann, new combination
 1901: *A. moreliae* (Koch); Neumann
 1911: *A. moreliae* (Koch); Neumann
 1926: *A. moreliae* (Koch); Robinson
 1934: *A. moreliae* (Koch); Roberts
 1944: *A. moreliae* (Koch); Toumanoff
 1947: *A. moreliae* (Koch); Roberts
 1961: *A. moreliae* (Koch); Santos Dias
 1964: *A. moreliae* (Koch); Roberts
 1965: *Aponomma moreliae* (Koch); Oliver, new combination
 1992: *Amblyomma moreliae* Koch; Keirans

***Amblyomma moyi* Roberts, 1953**

Aust.J.Zool., 1(1)

- 1953: *Amblyomma moyi*; Roberts, original description
 1964: *A. moyi* Roberts; Roberts
 1992: *A. moyi* Roberts; Keirans

***Amblyomma mudaliari* Rao, Hiregaudar, & Alwar, 1960**

Proc. 47 Indian Sci.Cong., Pt. III

See notes under the item *Amblyomma integrum*

***Amblyomma multipunctum* Neumann, 1899**

Mém.Soc.Zoll.Fr., 12

- 1899: *Amblyomma multipunctum*; Neumann, original description
 1907: *Amblyomma guianense*; Neumann (as new species)
 1911: *A. guianense* Neumann; Neumann (pro parte)
 1911: *A. multipunctum* Neumann; Neumann
 1926: *A. guianense* Neumann; Robinson (pro parte)
 1926: *A. multipunctum* Neumann; Robinson
 1930: *A. guianense* Neumann; Pinto (pro parte)
 1930: *A. multipunctum* Neumann; Pinto
 1936: *A. multipunctum* Neumann; Pomerantzev
 1939: *A. guianense* Neumann; Tonelli-Rondelli (pro parte)

- 1939: *A. multipunctum* Neumann; Tonelli-Rondelli
 1957: *A. guianense* Neumann; Díaz-Ungria (pro parte)
 1960: *A. multipunctum* Neumann; Vogelsang & Santos Dias
 1961: *A. multipunctum* Neumann; Aragão & Fonseca
 1962: *A. multipunctum* Neumann; Hoffmann
 1972: *A. multipunctum* Neumann; Jones, Clifford, Keirans & Kohls stated "[*A. guianense* Neumann] resembles *A. multipunctum* with which it should be compared for possibly synonymy..."
 1992: *A. multipunctum* Neumann; Keirans

***Amblyomma myrmecophagae* Schulze, 1933**

Zool.Anz., 104(11-12)

See notes under the item *Amblyomma scalpturatum*

***Amblyomma naponense* (Packard, 1869)**

Rep.Peabody Acad.Sci.

- 1869: *Ixodes naponensis*; Packard, original description
 1908: *Amblyomma mantiquirensis*; Aragão, as new species
 1940: *A. naponense* (Packard); Osorno-Mesa stated that *A. mantiquirensis* Aragão is a synonym of *A. naponense*
 1966: *A. naponense* (Packard); Fairchild, Kohls, & Tipton
 1972: *A. naponense* (Packard); Jones, Clifford, Keirans, & Kohls
 1992: *A. naponense* (Packard); Keirans

***Amblyomma nausificum* Koch, 1847**

Übersicht des Arachnidensystems, 4

- 1847: *Amblyomma nausificum*; Koch, original description
 1899: *A. nausificum* Koch; Neumann ("perhaps a *Dermacentor*")
 1911: *A. nausificum* Koch; Neumann ("perhaps a *Dermacentor*")
 1926: *A. nausificum* Koch; Robinson condemned the species

***Amblyomma neglectum* Hirst & Hirst, 1910**

Ann.Mag.Nat.Hist., 6(33)

See notes under the item *Aponomma exornatum*

***Amblyomma neumanni* Ribaga, 1902**

Zool.Anz., 25

- 1902: *Amblyomma neumanni*; Ribaga, original description
 1909: *Amblyomma furcula*; Dönitz (as new species)
 1911: *A. neumanni* Ribaga; Neumann
 1926: *A. furcula* Dönitz; Robinson condemned *A. neumanni*
 Ribaga
 1927: *A. neumanni* Ribaga; Vogelsang
 1930: *A. furcula* Dönitz; Dios & Knopoff
 1935: *A. neumanni* Ribaga; Aragão stated that *Amblyomma furcula* Dönitz is a synonym of *A. neumanni*
 1939: *A. furcula* Dönitz; Tonelli-Rondelli
 1940: *A. furcula* Dönitz; Senevet
 1945: *A. neumanni* Ribaga; Boero
 1961: *A. neumanni* Ribaga; Santos Dias
 1992: *A. neumanni* Ribaga; Keirans
 1993: *A. neumanni* Ribaga; Estrada-Peña, Guglielmone, Mangold & Castellá

***Amblyomma nigrum* Tonelli-Rondelli, 1939**

Riv.Parassit., 3(1)

See notes under the item *Amblyomma pacae*

Amblyomma nitidum Hirst & Hirst, 1910

Ann.Mag.Nat.Hist., 6(33)

1910: *Amblyomma nitidum*; Hirst & Hirst, original description

1926: *A. nitidum* Hirst & Hirst; Robinson

1932: *A. nitidum* Hirst & Hirst; Schulze

1944: *A. nitidum* Hirst & Hirst; Toumanoff

1960: Nec *A. nitidum* Hirst & Hirst; Audy, Nadchatram & Lim erroneously considered *Amblyomma laticaudae* to be a synonym of *A. nitidum*

1964: *A. nitidum* Hirst & Hirst; Rao, Hiregaudar, & Alwar

1967: *A. nitidum* Hirst & Hirst; Rageau

1992: *A. nitidum* Hirst & Hirst; Keirans

Amblyomma nocens Robinson, 1912

Parasitol., 4(4)

See notes under the item *Amblyomma pomposum*.

Amblyomma nodosum Neumann, 1899

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma nodosum*; Neumann, original description

1901: *A. nodosum* Neumann; Neumann

1908: *Amblyomma uncatum*; Nuttall & Warburton (as new species)

1911: *A. nodosum* Neumann; Neumann

1926: *A. nodosum* Neumann; Robinson

1936: *A. nodosum* Neumann; Aragão stated that *A. uncatum* Nuttall & Warburton is a synonym of *A. nodosum*

1953: *A. nodosum* Neumann; Vogelsang & Santos Dias

1957: *A. nodosum* Neumann; Díaz-Ungría

1961: *A. nodosum* Neumann; Aragão & Fonseca

1962: *A. nodosum* Neumann; Hoffmann

1966: *A. nodosum* Neumann; Fairchild, Kohls, & Tipton

1992: *A. nodosum* Neumann; Keirans

Amblyomma nuttalli Dönitz, 1909

Sber.Ges.Naturf.Freunde Berl, 8

1901: *A. marmoreum* Koch; Neumann (pro parte: Stuhlmann's material)

1909: *Amblyomma nuttalli*; Dönitz, original description

1923: *A. marmoreum* Koch; Loveridge (this record is actually *A. nuttalli*, according to Bequaert, 1930)

1926: *A. marmoreum* Koch; Robinson (some specimens, according to Keirans, 1984)

1926: *A. nuttalli* Dönitz; Robinson (pro parte)

1930: *A. nuttalli* Dönitz; Bequaert

1932: *Amblyomma weneri weneri*; Schulze (as new species)

1932: Nec *A. w. poematium* Schulze; Schulze (see notes under the item *Amblyomma sparsum*)

1932: Nec *A. w. typicum* Schulze; Schulze (see notes under the item *Amblyomma sparsum*)

1949: *A. nuttalli* Dönitz; Santos Dias

1951: *A. paulopunctatum* Neumann; Rageau (pro parte, specimens off tortoises, according to Theiler & Salisbury, 1959)

1952: *A. nuttalli* Dönitz; Santos Dias

- 1954: *A. nuttalli* Dönitz; Hoogstraal condemned *A. w. weneri* Schulze
 1955: *Amblyomma silvai*; Santos Dias, as new species
 1956: *A. nuttalli* Dönitz; Hoogstraal
 1959: *A. nuttalli* Dönitz; Theiler & Salisbury
 1960: *A. nuttalli* Dönitz; Santos Dias
 1961: *A. nuttalli* Dönitz; Morel
 1962: *A. nuttalli* Dönitz; Theiler
 1965: *A. nuttalli* Dönitz; Morel & Mouchet
 1966: *A. nuttalli* Dönitz; Elbl & Anastos
 1967: *A. nuttalli* Dönitz; Aeschlimann
 1967: *A. nuttalli* Dönitz; Yeoman & Walker
 1984: *A. nuttalli* Dönitz; Keirans
 1987: *A. nuttalli* Dönitz; Matthyse & Colbo
 1992: *A. nuttalli* Dönitz; Keirans

***Amblyomma oblongoguttatum* Koch, 1844**

Arch.Naturgesch., 10(1)

- 1844: *Amblyomma oblongoguttatum*; Koch, original description
 1899: *Amblyomma vittatum*; Neumann, as new species
 1901: *A. oblongoguttatum* Koch; Neumann noted synonymy of *A. oblongoguttatum* and *A. vittatum*
 1911: *A. oblongoguttatum* Koch; Aragão
 1912: *Amblyomma darlingi*; Nuttall, as new species
 1923: *A. darlingi* Nuttall; Dunn (pro parte)
 1926: *A. oblongoguttatum* Koch; Robinson degrades *A. darlingi* Nuttall to a synonym of *A. oblongoguttatum*
 1926: *A. oblongoguttatum* Koch; Bequaert
 1939: *A. oblongoguttatum* Koch; Tonelli-Rondelli
 1958: *A. oblongoguttatum* Koch; Floch & Fauran
 1961: *A. oblongoguttatum* Koch; Aragão & Fonseca
 1962: *A. oblongoguttatum* Koch; Hoffmann
 1966: *A. oblongoguttatum* Koch; Fairchild, Kohls & Tipton
 1972: *A. oblongoguttatum* Koch; Jones, Cliffors, Keirans & Kohls
 1992: *A. oblongoguttatum* Koch; Keirans

***Amblyomma oblongum* Koch, 1844**

Arch.Naturgesch., 10(1)

See notes under the items *Amblyomma ovale* and *Amblyomma striatum*

***Amblyomma ornatissimum* Gregory, 1961**

Rep.Anim.Res.Lab.; CSIRO (1960-61)

See notes under the item *Amblyomma triguttatum*

***Amblyomma ovale* Koch, 1844**

Arch.Naturgesch., 10(1)

- 1844: *Amblyomma ovale*; Koch, original description
 1847: *A. ovale* Koch; Koch
 1888: *Amblyomma auronitens*; Berlese (as new species)
 1899: *A. ovale* Koch; Neumann stated that *A. auronitens* Berlese is a synonym of *A. ovale* Koch
 1899: *Amblyomma fossum*; Neuman (as new species)
 1911: *A. fossum* Neumann; Neumann (pro parte)
 1901: *A. ovale* Koch; Neumann
 1923: *A. striatum fossum* Neumann; Reyne (new rank)

1926: *A. ovale* Koch; Robinson. This author also stated that *A. oblongum* Koch, *A. confine* Koch, *A. auronitens* Berlese, and *A. fossum* Neumann are synonymies of *A. ovale* Koch (but see also notes in the item *Amblyomma striatum* and line below)

1926: *A. striatum* Koch; Robinson (pro parte).

1934: *A. ovale* Koch; Dios & Knopoff

1934: *A. striatum* Koch; Dios & Knopoff (pro parte). These authors considered *A. confine* as a synonym of *A. ovale*, but see notes also under the item *Amblyomma striatum*

1934: Nec *A. ovale striatum* Fonseca (new rank). See notes under the item *Amblyomma striatum*

1937: *Amblyomma quasistriatum*; Tonelli-Rondelli (as new species)

1939: *A. ovale* Koch; Tonelli-Rondelli

1941: *A. ovale kriegi*; Schulze (as new subspecies)

1944: *A. ovale* Koch; Cooley & Kohls

1953: *A. ovale* Koch; Vogelsang & Santos Dias

1958: *A. ovale* Koch; Santos Dias. This author mentioned also the synonym of *A. fossum*

1961: *A. ovale* Koch; Aragão & Fonseca. The authors mentioned the synonym of *A. fossum* Neumann and *A. quasistriatum* Tonelli-Rondelli

1962: *A. ovale* Koch; Hoffmann

1966: *A. ovale* Koch; Fairchild, Kohls & Tipton

1984: *A. ovale* Koch; Keirans

1992: *A. ovale* Koch; Keirans

***Amblyomma ovale kriegi* Schulze, 1941**

Zool.Anz., 134(7-8)

See notes under the item *Amblyomma ovale*

***Amblyomma ovale striatum* Fonseca, 1934**

Rev.Biol.Hyg., 10(1)

See notes under the items *Amblyomma ovale* and *Amblyomma striatum*

***Amblyomma ovatum* Koch, 1844**

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma tigrinum*

***Amblyomma pacae* Aragão, 1911**

Mem.Inst.Oswaldo Cruz, 3(2)

1911: *Amblyomma pacae*; Aragão, original description

1911: *Amblyomma fiebrigi*; Robinson, as new species

1936: *A. pacae* Aragão; Aragão condemned *A. fiebrigi* Robinson

1939: *Amblyomma nigrum*; Tonelli-Rondelli, as new species

1961: *A. pacae* Aragão; Aragão & Fonseca

1966: *A. pacae* Aragão; Fairchild, Kohls & Tipton

1972: *A. pacae* Aragão; Jones, Cliffors, Keirans & Kohls synonymized *A. nigrum* Tonelli-Rondelli under *A. pacae*

1984: *A. pacae* Aragão; Keirans

1992: *A. pacae* Aragão; Keirans

***Amblyomma papuanum* Hirst, 1914**

Trans.Zool.Soc.Lond., 20(10)

1914: *Amblyomma papuanum*; Hirst, original description

1926: *A. papuanum* Hirst; Robinson

- 1931: *A. papuanum* Hirst; Krijgsman & Ponto
 1944: *A. papuanum* Hirst; Toumanoff
 1950: *A. papuanum* Hirst; Schulze
 1953: *A. papuanum* Hirst; Roberts
 1964: *A. papuanum* Hirst; Roberts
 1992: *A. papuanum* Hirst; Keirans

Amblyomma parkeri Fonseca & Aragão, 1952
 Mem.Inst.Oswaldo Cruz, 50
 See notes under the item *Amblyomma longirostre*

Amblyomma parviscutatum Neumann, 1899
 Mém.Soc.Zool.Fr., 10(3-4)
 See notes under the item *Amblyomma cajennense*

Amblyomma parvitarsum Neumann, 1901
 Mém.Soz.Zool.Fr., 14(2-3)
 1901: *Amblyomma parvitarsum*; Neumann, original description
 1911: *A. parvitarsum* Neumann; Neumann
 1926: *A. parvitarsum* Neumann; Robinson
 1917: *A. altiplanum*. Dios (as new species)
 1918: *A. altiplanum* Dios; Barbara & Dios (pro parte)
 1920: *A. altiplanum* Dios; Lahille (pro parte)
 1930: *A. altiplanum* Dios; Dios & Knopoff (pro parte)
 1935: *A. parvitarsum* Neumann; Aragão stated that *A. altiplanum* Dios is a synonym of *A. parvitarsum* Neumann.
 1944: *A. parvitarsum* Neumann; Boero
 1992: *A. parvitarsum* Neumann; Keirans

Amblyomma parvum Aragão, 1908
 Brazil-Med., 22(12)
 1908: *Amblyomma parvum*; Aragão, original description
 1926: *A. parvum* Aragão; Robinson
 1936: *A. parvum* Aragão; Aragão
 1957: *A. parvum* Aragão; Díaz-Ungria
 1958: *A. parvum* Aragão; Floch & Fauran
 1959: *A. parvum* Aragão; Fonseca
 1961: *A. parvum* Aragão; Aragão & Fonseca
 1962: *A. parvum* Aragão; Hoffmann
 1963: *A. parvum* Aragão; Santos Dias
 1966: *A. parvum* Aragão; Fairchild, Kohls, & Tipton
 1992: *A. parvum* Aragão; Keirans
 1993: *A. parvum* Aragão; Estrada-Peña, Guglielmone, Mangold & Castellá

Amblyomma paulopunctatum Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 1899: *Amblyomma paulopunctatum*; Neumann, original description
 1905: *A. sparsum paulopunctatum* Neumann; Neumann degrades *A. paulopunctatum* to a subspecies of *A. sparsum*
 1908: *Amblyomma trimaculatum*; Neumann, as new species
 1926: *A. paulopunctatum* Neumann; Robinson
 1931: *A. paulopunctatum* Neumann; Bequaert
 1951: *A. paulopunctatum* Neumann; Rageau (pro parte, specimens on tortoises, according to Theiler & Salisbury, 1959)
 1952: *A. paulopunctatum* Neumann; Tendeiro

- 1953: *A. paulopunctatum* Neumann; Rousselot
 1958: *A. paulopunctatum* Neumann; Morel & Mouchet
 1959: *A. paulopunctatum* Neumann; Theiler & Salisbury
 1962: *A. paulopunctatum* Neumann; Theiler
 1966: *A. paulopunctatum* Neumann; Elbl & Anastos
 1967: *A. paulopunctatum* Neumann; Aeschlimann
 1984: *A. paulopunctatum* Neumann; Keirans
 1985: *A. paulopunctatum* Neumann; Keirans
 1987: *A. paulopunctatum* Neumann; Matthysse & Colbo
 1992: *A. paulopunctatum* Neumann; Keirans

***Amblyomma pecarium* Dunn, 1933**

Parasitol., 25(3)

- 1933: *Amblyomma pecarium*; Dunn, original description
 1940: *A. pecarium* Dunn; Osorno-Mesa
 1943: *A. pecarium* Dunn; Fairchild
 1962: *A. pecarium* Dunn; Hoffmann
 1966: *A. pecarium* Dunn; Fairchild, Kohls, & Tipton
 1992: *A. pecarium* Dunn; Keirans

***Amblyomma perpunctatum* (Packard, 1869)**

Rep. Peabody Acad. Sci.

See notes under the item *Amblyomma geayi*

***Amblyomma personatum* Neumann, 1901**

Mém. Soc. Zool. Fr., 14(2-3)

- 1901: *Amblyomma personatum*; Neumann, original description
 1907: *A. personatum* Neumann; Dönitz
 1911: *A. personatum* Neumann; Neumann
 1926: *A. personatum* Neumann; Robinson
 1931: *A. personatum* Neumann; Bequaert
 1964: *A. personatum* Neumann; Theiler
 1964: *A. personatum* Neumann; Zumpt
 1967: *A. personatum* Neumann; Yeoman & Walker
 1984: *A. personatum* Neumann; Keirans
 1987: *A. personatum* Neumann; Matthysse & Colbo
 1992: *A. personatum* Neumann; Keirans

***Amblyomma petersi* Karsch, 1879**

Mber. K. Preuss. Akad. Wiss. Berlin, April

See notes under the item *Amblyomma rhinocerotis*

***Amblyomma philipi* Cooley & Kohls, 1939**

Publ. Hlth. Rep., U.S. Publ. Hlth. Serv., 54(2)

See notes under the item *Amblyomma inornatum*

***Amblyomma pictum* Neumann, 1906**

Arch. Parasit., 10(2)

- 1906: *Amblyomma pictum*; Neumann, original description
 1911: *A. pictum* Neumann; Neumann
 1912: *Amblyomma conspicuum*; Aragão (as new species)
 1926: *A. pictum* Neumann; Robinson stated that *A. conspicuum* Aragão is a synonym of *A. pictum*
 1931: *A. conspicuum* Aragão; Aragão (pro parte)
 1934: *A. pictum* Neumann; Dios & Knopoff
 1936: *A. pictum* Neumann; Aragão
 1938: *A. pictum* Neumann; Aragão
 1959: *A. pictum* Neumann; Floch & Fauran

- 1961: *A. pictum* Neumann; Aragão & Fonseca
 1966: *A. pictum* Neumann; Fairchild, Kohls, & Tipton
 1984: *A. pictum* Neumann; Keirans
 1992: *A. pictum* Neumann; Keirans

***Amblyomma pilosum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

- 1899: *Amblyomma pilosum*; Neumann, original description
 1902: *A. pilosum* Neumann; Banks
 1906: *Amblyomma hirtum*; Neumann, as new species
 1911: *A. pilosum* Neumann; Neumann
 1926: *A. pilosum* Neumann; Robinson (pro parte, one specimen is part of the type series of *Amblyomma macfarlandi* Keirans, Hoogstraal, & Clifford, according to Keirans, 1984)
 1926: *A. hirtum* Neumann; Robinson (pro parte)
 1930: *A. hirtum* Neumann; Pinto (pro parte)
 1936: *A. pilosum* Neumann; Schulze
 1936: *A. hirtum* Neumann; Schulze (pro parte)
 1958: Nec *A. pilosum* Neumann; Santos Dias stated that *A. bouleengeri* Hirst & Hirst is a synonym of *A. pilosum*
 1958: *A. pilosum* Neumann; Santos Dias stated that *A. hirtum* Neumann is a synonym of *A. pilosum*
 1984: *A. pilosum* Neumann; Keirans
 1992: *A. pilosum* Neumann; Keirans

***Amblyomma poematum* Schulze, 1932**

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma sparsum*

***Amblyomma pomposum* Dönitz, 1909**

Sber.Ges.Naturf.Freunde Berl., 8

- 1909: *Amblyomma pomposum*; Dönitz, original description
 1912: *A. variegatum nocens*; Robinson (as new subspecies)
 1926: Nec *A. pomposum* Dönitz; Robinson misidentified specimens belonging to *A. variegatum*
 1931: *A. pomposum* Dönitz; Bequaert
 1950: *A. variegatum govurensis*; Santos Dias (as new subspecies)
 1952: Nec *A. pomposum* Dönitz; Santos Dias misidentified specimens belonging to *A. variegatum* and degraded *A. pomposum* to a synonym of *A. variegatum*
 1953: *Amblyomma superbum*; Santos Dias (as new species)
 1956: *A. pomposum* Dönitz; Hoogstraal
 1956: *A. superbum* Santos Dias; Hoogstraal (pro parte)
 1956: *A. pomposum* Dönitz; Santos Dias
 1959: *Amblyomma nocens* Robinson; Theiler & Salisbury ranked *A. variegatum nocens* to species range
 1959: *Amblyomma variegatum pomposum* Dönitz; Tendeiro consider *A. pomposum* as only a subspecies of *A. variegatum*
 1960: *A. pomposum* Dönitz; Santos Dias
 1962: *A. pomposum* Dönitz; Clifford & Anastos
 1962: *A. pomposum* Dönitz; Theiler
 1963: *A. pomposum* Dönitz; Tendeiro
 1966: *A. pomposum* Dönitz; Elbl & Anastos
 1984: *A. pomposum* Dönitz; Keirans
 1987: *A. pomposum* Dönitz; Matthyse & Colbo
 1992: *A. pomposum* Dönitz; Keirans

Amblyomma postoculatum Neumann, 1899

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma postoculatum*; Neumann, original description1911: *A. postoculatum* Neumann; Neumann1926: *A. postoculatum* Neumann; Robinson1936: *A. postoculatum* Neumann; Schulze1953: *A. postoculatum* Neumann; Roberts1964: *A. postoculatum* Neumann; Roberts1992: *A. postoculatum* Neumann; Keirans***Amblyomma prolongatum*** Neumann, 1906

Arch.Parasit., 10(2)

See notes under the item *Amblyomma integrum****Amblyomma pseudoconcolor*** Aragão, 1908

Trab.Inst.Manguinhos, Rio de Janeiro

1908: *Amblyomma pseudoconcolor*; Aragão, original description1911: *A. pseudoconcolor* Aragão; Aragão1926: *A. pseudoconcolor* Aragão; Robinson1945: *A. pseudoconcolor* Aragão; Buitendijk1955: *A. pseudoconcolor* Aragão; Boero1958: *A. pseudoconcolor* Aragão; Floch & Fauran1961: *A. pseudoconcolor* Aragão; Aragão & Fonseca1992: *A. pseudoconcolor* Aragão; Keirans***Amblyomma pseudolaeve*** (Schulze, 1935)

Zool.Anz., 112

See notes under the item *Aponomma latum****Amblyomma pseudoparvum*** Guglielmone, Mangold & Keirans, 1990

Acarologia, 31(2): 143-160.

1990: *Amblyomma pseudoparvum*; Guglielmone, Mangold, & Keirans, original description1992: *A. pseudoparvum* Guglielmone, Mangold & Keirans; Keirans***Amblyomma punctatum*** Koch, 1844

Arch.Naturgesch., 10(1)

1844: *Amblyomma punctatum*; Koch, original description1847: *A. punctatum* Koch; Koch1899: *A. punctatum* Koch; Neumann1911: *A. punctatum* Koch; Neumann1926: *A. punctatum* Koch; Robinson condemned the species

No additional data on this species have been published

Amblyomma pygmaeum (Koch, 1844)

Arch.Naturgesch., 10(1)

1844: *Ixodes pygmaeus*; Koch, original description1911: *Amblyomma pygmaeum* (Koch); Neumann, new combination1926: *A. pygmaeum* (Koch); Robinson condemned the species

No additional data on this species have been published

Amblyomma quadriguttatum Pavesi, 1884

Ann.Mus.Civ.Stor.Nat.Genova, 20

See notes under the item *Amblyomma variegatum****Amblyomma quadrimaculatum*** Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma helvolum*

Amblyomma quantini Martin, 1895

Ann.Soc.Nat.Zool., 18

See notes under the item *Amblyomma splendidum*

Amblyomma quasicyprum Robinson, 1926

Ticks. A Monograph of Ixodoidea, Pt. IV

See notes under the item *Amblyomma cyprum*

Amblyomma quasistriatum Tonelli-Rondelli, 1937

Riv.Parassit., 1(4)

See notes under the item *Amblyomma ovale*

Amblyomma queenslandensis Gregory, 1961

Rep.Anim.Res.Lab., CSIRO

See notes under the item *Amblyomma trigutatum*

Amblyomma rhinocerotis (de Geer, 1778)

Memoire pour servir à l'Histoire des Insectes, v. VII

1778: *Acarus rhinocerotis*; de Geer, original description

1804: *Cynorhaestes rhinocerotis* (de Geer); Hermann (new combination)

1805: *Ixodes rhinocerotis* (de Geer); Fabricius (new combination)

1844: *Amblyomma rhinocerotis* (de Geer); Koch (new combination)

1873: *Dermacentor rhinocerotis* (de Geer); Gerstäcker (new combination)

1879: *Amblyomma petersi*; Karsch (as new species)

1899: *Amblyomma aureum*; Neumann (as new species)

1899: Nec *A. rhinocerotis* (de Geer)); Neumann's record from Java as *A. aureum* Neumann is actually *Amblyomma testudinarium*, according to Hoogstraal, 1956

1899: *Amblyomma foai*; Neumann (as new species)

1901: *A. petersi* Karsch; Neumann stated that *A. aureum* Neumann is a synonym of *A. petersi*

1907: *A. petersi* Karsch; Dönitz

1911: *A. petersi* Karsch; Neumann

1926: *A. petersi* Karsch; Robinson. This author also mentioned that both *A. aureum* Neumann and *A. foai* Neumann are synonymies of *A. petersi* Karsch

1926: *A. petersi* Karsch; Bedford

1926: *A. petersi* Karsch; King

1931: *A. petersi* Karsch; Bequaert

1932: *A. rhinocerotis* (de Geer); Schulze stated that *A. petersi* Karsch is a synonym of *A. rhinocerotis*

1952: *A. rhinocerotis* (de Geer); Santos Dias

1953: *A. rhinocerotis* (de Geer); Hoogstraal

1956: *A. rhinocerotis* (de Geer); Hoogstraal

1961: *A. rhinocerotis* (de Geer); Morel & Finelle

1964: *A. rhinocerotis* (de Geer); Theiler

1967: *A. rhinocerotis* (de Geer); Yeoman & Walker

1966: *A. rhinocerotis* (de Geer); Elbl & Anastos

1984: *A. rhinocerotis* (de Geer); Keirans

1987: *A. rhinocerotis* (de Geer); Matthyse & Colbo

1992: *A. rhinocerotis* (de Geer); Keirans

Amblyomma robinsoni Warburton, 1927

Parasitol., 19(4)

1927: *Amblyomma robinsoni*; Warburton, original description1931: *A. robinsoni* Warburton; Krijgsman & Ponto1941: *A. robinsoni* Warburton; Toumanoff1950: *A. robinsoni* Warburton; Anastos1992: *A. robinsoni* Warburton; Keirans**Amblyomma romitii** Tonelli-Rondelli, 1939

Riv.Parassit., 3(1)

See notes under the item *Amblyomma extraoculatum***Amblyomma rosei** Gregory, 1961

Rep.Anim.Res.Lab., CSIRO

1961: *Amblyomma rosei*; Gregory (nomen nudum)**Amblyomma rotundatum** Koch, 1844

Arch. Naturgesch., 10: 1

1844: *Amblyomma rotundatum*; Koch, original description1899: *A. goeldii*; Neumann, as new species (Neumann used one female of *A. rotundatum* for the description of *A. goeldii*, according to Floch & Fauran, 1958, and Keirans, 1984)1912: *Amblyomma agamum*; Aragão, as new species1913: *A. agamum* Aragão; Nuttall (pro parte)1926: *A. rotundatum* Koch; Robinson stated that *A. agamum* Aragão is a synonym of *A. rotundatum*1927: *A. agamum* Aragão; Brumpt (pro parte)1932: *A. rotundatum* Koch; Aragão1934: *A. rotundatum* Koch; Dios & Knopoff1936: *A. agamum* Aragão; Vogelsang (pro parte)1938: *A. rotundatum* Koch; Bequaert1945: *A. rotundatum* Koch; Boero1953: *A. rotundatum* Koch; Enigk & Grittner1958: *A. rotundatum* Koch; Floch & Fauran1967: *A. rotundatum* Koch; Morel1984: *A. rotundatum* Koch; Keirans1992: *A. rotundatum* Koch; Keirans**Amblyomma rubripes** Koch, 1844

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma maculatum***Amblyomma rugosum** Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma marmoreum***Amblyomma sabanerae** Stoll, 1890

Biol.Centr.-Amer., Zool, 84

1890: *Amblyomma sabanerae*; Stoll, original description1899: *A. sabanerae* Stoll; Neumann1901: *A. sabanerae* Stoll; Salmon & Stiles1911: *A. sabanerae* Stoll; Neumann1926: *A. sabanerae* Stoll; Robinson1937: *A. sabanerae* Stoll; Schulze1958: *A. humerale* Koch; Santos Dias erroneously stated that *A. sabanerae* is only a synonymy of *A. humerale*1962: *A. sabanerae* Stoll; Hoffmann

- 1966: *A. sabanerae* Stoll; Fairchild, Kohls & Tipton
 1972: *A. sabanerae* Stoll; Jones, Cliffors, Keirans & Kohls
 1984: *A. sabanerae* Stoll; Keirans
 1992: *A. sabanerae* Stoll; Keirans

***Amblyomma sanguisugum* (Linnaeus, 1758)**

Systema Naturae, 10 ed., v 1

- 1758: *Acarus sanguisugus*; Linnaeus, original description
 1805: *Ixodes sanguisugus* (L.); Fabricius, new combination
 1844: *Amblyomma sanguisugum* (L.); Koch, new combination
 1926: *A. sanguisugum* (L.); Robinson condemned the species
 No additional data on this species have been published

***Amblyomma scaevola* Oudemans, 1905**

Ent.Ber., 1(22)

See notes under the item *Amblyomma cyprium*

***Amblyomma scalpturatum* Neumann, 1906**

Arch.Parasit., 10(2)

- 1906: *Amblyomma scalpturatum*; Neumann, original description
 1911: *A. scalpturatum* Neumann; Neumann
 1926: *A. scalpturatum* Neumann; Robinson
 1930: *A. scalpturatum* Neumann; Pinto
 1933: *Amblyomma myrmecophagae*; Schulze (as new species)
 1936: *A. scalpturatum* Neumann; Aragão
 1939: *A. scalpturatum* Neumann; Tonelli-Rondelli
 1939: *Amblyomma beccari*. Tonelli-Rondelli (as new species)
 1939: *Amblyomma latepunctatum*; Tonelli-Rondelli (as new species)
 1941: *A. brasiliense guianense*; Floch & Abonnenc (as new subspecies)
 1952: *A. scalpturatum* Neumann; Fonseca & Aragão stated that both *A. myrmecophagium* Schulze and *A. brasiliense guianense* Floch & Abonnenc are synonymies of *A. scalpturatum* Neumann
 1958: *A. scalpturatum* Neumann; Floch & Fauran
 1972: *A. scalpturatum* Neumann; Jones, Clifford, Keirans & Kohls
 1992: *A. scalpturatum* Neumann; Keirans

***Amblyomma sculptum* Berlese, 1888**

Bull.Soc.Ent.Ital., 20

See notes under the item *Amblyomma cajennense*

***Amblyomma scutatum* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

- 1899: *Amblyomma scutatum*; Neumann, original description.
 1911: *A. scutatum* Neumann; Neumann
 1926: *A. scutatum* Neumann; Robinson
 1936: *A. scutatum* Neumann; Aragão
 1946: *Amblyomma boneti*. Hoffmann (as new species)
 1947: *A. scutatum* Neumann; Santos Dias
 1961: *A. scutatum* Neumann; Aragão & Fonseca
 1962: *A. scutatum* Neumann; Hoffmann
 1972: *A. scutatum* Neumann; Jones, Clifford, Keirans & Kohls
 1984: *A. scutatum* Neumann; Keirans
 1992: *A. scutatum* Neumann; Keirans

***Amblyomma schlottki* Schulze, 1932**

Z.Parasitenk., 4(3)

See notes under the item *Amboyomma sparsum*

Amblyomma serpentinum Schulze, 1936

Z.Parasitenk., 8(6)

See notes under the item *Amblyomma marmoreum*

Amblyomma silvaei Santos Dias, 1951

An.Serv.Vet.e Indust.Anim., Moçambique, 4

See notes under the item *Amblyomma nuttalli*

Amblyomma sparsum Neumann, 1899

Mém.Soc.Zool.Fr., 12

1899: *Amblyomma sparsum*; Neumann, original description

1899: Nec *A. sparsum paulopunctatum* Neumann (new rank); see also notes under the item *Amblyomma paulopunctatum*

1905: *A. hebraeum magnum* Neumann (new rank); see also notes under the item *Amblyomma hebraeum*

1910: *A. marmoreum* Koch; Dönitz (pro parte, East African records, according to Theiler & Salisbury, 1959)

1926: *A. marmoreum* Koch; Robinson (pro parte, according to Keirans, 1984)

1932: *Amblyomma schlottkei*; Schulze, as new species

1932: *Amblyomma wernerii typicum*, *A. w. poematium*. Schulze, as two new subspecies

1938: *A. schlottkei* Schulze; Stella

1951: *Amblyomma faiai*; Santos Dias, as new species

1954: *A. poematium* Schulze; Santos Dias ranked *A. w. poematium* to species level

1958: *A. sparsum* Neumann; Santos Dias condemned *A. poematium* Schulze

1958: *A. sparsum* Neumann; Morel & Mouchet

1959: *A. sparsum* Neumann; Theiler & Salisbury condemned *A. schlotteki* Schulze, *A. w. typicum* Schulze, *A. w. poematium* Schulze, and *A. faiai* Santos Dias

1962: *A. sparsum* Neumann; Theiler

1964: *A. sparsum* Neumann; Elbl

1966: *A. sparsum* Neumann; Elbl & Anastos

1967: *A. sparsum* Neumann; Yeoman & Walker

1984: *A. sparsum* Neumann; Keirans

1987: *A. sparsum* Neumann; Matthysse & Colbo

1992: *A. sparsum* Neumann; Keirans

Amblyomma sparsum paulopunctatum Neumann, 1905

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma paulopunctatum*

Amblyomma spinosum (Rudow, 1870)

Z.Ges.Naturw., 35

1870: *Hyalomma spinosum*; Rudow, original description

1899: *Amblyomma spinosum* (Rudow); Neumann, new combination

1901: *A. spinosum* (Rudow); Neumann

1911: *A. spinosum* (Rudow); Neumann

1926: *A. spinosum* (Rudow); Robinson condemned the species

No additional references on this species have been found.

Amblyomma splendidum Giebel, 1877

Z.Ges.Naturw., 49

- 1877: *Amblyomma splendidum*; Giebel, original description
 1897: *Amblyomma quantini*; Martin, as new species
 1905: *A. hebraeum splendidum* Giebel; Neumann (new rank)
 1907: *A. splendidum* Giebel; Dönitz
 1913: *A. splendidum* Giebel; Nuttall
 1909: *A. hebraeum splendidum* Giebel; Hirst
 1911: *A. hebraeum splendidum* Giebel; Neumann
 1926: *A. splendidum* Giebel; Robinson degrades *A. quantini* to a synonym of *A. splendidum*
 1930: *A. splendidum* Giebel; Bequaert
 1947: *A. hebraeum splendidum* Giebel; Santos Dias
 1949: *A. splendidum* Giebel; Fain
 1950: *A. splendidum* Giebel; Santos Dias
 1957: *A. splendidum* Giebel; Tendeiro
 1958: *A. splendidum* Giebel; Morel & Mouchet
 1958: *A. splendidum* Giebel; Santos Dias
 1959: *A. splendidum* Giebel; Morel
 1966: *A. splendidum* Giebel; Elbl & Anastos
 1967: *A. splendidum* Giebel; Aeschlimann
 1974: *A. splendidum* Giebel; Walker stated that "old records of *A. splendidum* in Kenya were misidentifications of *A. cohaerens*"
 1984: *A. splendidum* Giebel; Keirans
 1987: *A. splendidum* Giebel; Matthysse & Kolbo
 1992: *A. splendidum* Giebel; Keirans

***Amblyomma squamosum* Kohls, 1953**

J.Parasit., 39(3)

- 1953: *Amblyomma squamosum*; Kohls, original description
 1957: *A. squamosum* Kohls; Kohls
 1992: *A. squamosum* Kohls; Keirans

***Amblyomma sternaе* Roberts, 1953**

Aust.J.Zool., 1(1)

See notes under the item *Amblyomma loculosum*

***Amblyomma striatum* Koch, 1844**

Arch.Naturgesch., 10(1)

- 1844: *Amblyomma striatum*; Koch, original description
 1844: *Amblyomma confine*; Koch (as new species)
 1847: *A. confine* Koch; Koch (pro parte)
 1847: *Amblyomma oblongum*; Koch (as new species)
 1847: *A. oblongum* Koch; Koch (pro parte)
 1899: *A. striatum* Koch; Neumann stated that *Amblyomma confine* Koch and *A. oblongum* Koch are synonymies of *A. striatum* Koch
 1901: *A. striatum* Koch; Neumann
 1911: *A. striatum* Koch; Aragão
 1914: *A. striatum* Koch; Banks
 1923: Nec *Amblyomma striatum fozsum*. Reyne, as newspecies. See notes under the item *Amblyomma ovale*
 1926: *A. ovale* Koch; Robinson (pro parte). This author stated that *A. striatum* Koch is a synonym of *A. ovale* Koch
 1934: *A. ovale striatum* Koch. Fonseca ranked *A. striatum* Koch to a subspecies of *A. ovale* Koch
 1940: *A. striatum* Koch; Floch & Abonnenc
 1961: *A. aureolatum* (Pallas); Aragão & Fonseca stated that *A. striatum* is a synonym of *A. aureolatum*

1984: *A. striatum* Koch; Keirans
 1992: *A. striatum* Koch; Keirans

Amblyomma striatum fossum Reyne, 1923
 Versl.Dep.Landbouw.Nijver.Handel Suriname
 See notes under the items *Amblyomma ovale* and *Amblyomma striatum*

Amblyomma strobeli Berlese and Trouessart, 1889
 Bull.Biblioth.Sci.Ouest, 2
 1889: *Amblyomma strobeli*. Berlese & Trouessart, original description
 1899: *A. strobeli* Berlese & Trouessart; Neumann
 1911: *A. strobeli* Berlese & Trouessart; Neumann
 1926: *A. strobeli* Berlese & Trouessart; Robinson condemned the species
 No additional data on this species have been found

Amblyomma sublaeve Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Amblyomma javanense*

Amblyomma subluteum Neumann, 1899
 Mém.Soc.Zool.Fr., 12
 See notes under the item *Amblyomma crenatum*

Amblyomma superbrasilense Schulze, 1941
 Zool.Anz., 134
 See notes under the item *Amblyomma incisum*

Amblyomma superbum Santos Dias, 1953
 Moçambique, 73
 See notes under the item *Amblyomma pomposum*

Amblyomma supinoi Neumann, 1905
 Arch.Parasit., 9(2)
 1897: *Ixodes testudinis*; Supino, original description
 1899: *Aponomma testudinis* (Supino); Neumann (new combination)
 1902: *Amblyomma testudinis* (Supino); Neumann (new combination)
 1905: *Amblyomma supinoi*; Neumann proposed the nomen novum for *Ixodes testudinis* Supino (not Conil) as preoccupied by *Ixodes testudinis* Conil (currently know as *Amblyomma testudinis*)
 1910: *Amblyomma annandalei*; Warburton (as new species)
 1926: *A. supinoi* Neumann; Robinson
 1944: *A. supinoi* Neumann; Toumanoff mentioned that *A. annandalei* Warburton is a synonym of *A. supinoi* Neumann
 1992: *A. supinoi* Neumann; Keirans

Amblyomma sylvaticum (de Geer, 1778)
 Memoire pour servir a l'Histoire des Insectes
 1778: *Acarus sylvaticus*; de Geer, original description
 1844: *Hyalomma latum*; Koch, as new species
 1844: *Hyalomma devium*; Koch, as new species
 1899: *Amblyomma latum* (Koch); Neumann (new combination) stated that the female of *Amblyomma devium* is the female of

Hyalomma latum, and ranked it to the genus *Amblyomma*. Koch described *Hyalomma latum* in the page 221 of Arch. Naturgesch., v. 10(1), and, as mentioned, it proved to be an *Amblyomma* (synonymous with *A. sylvaticum*). In the page 231 of the same paper Koch described *Amblyomma latum* (not synonymous with *Amblyomma sylvaticum*). In 1899, Neumann proposed the name *Amblyomma laeve* for *Amblyomma latum* Koch (preoccupied). In 1901, Neumann ranked *Amblyomma laeve* to the genus *Aponomma*. In such a way, *Amblyomma latum* Koch, *Amblyomma laeve* Neumann, and *Aponomma laeve* (Neumann) are synonymous with *Aponomma latum* (Koch) and not with *Amblyomma sylvaticum* (de Geer)

1899: *Amblyomma sylvaticum* (de Geer); Neumann identified a male tick labelled "latum Koch" with *Acarus sylvaticus* de Geer

1926: *Am. latum* (Koch); Robinson condemned *Amblyomma sylvaticum* (de Geer) "to the limbo of the forgotten" (pp: 151) giving priority to the name *Amblyomma latum* (Koch) that today is considered to be *Aponomma latum* (Koch)

1927: *Am. latum* (Koch); Robinson (according to Keirans, 1984)

1943: *A. sylvaticum* (de Geer); Theiler

1959: *A. sylvaticum* (de Geer); Theiler & Salisbury

1962: *A. sylvaticum* (de Geer); Theiler

1964: *A. sylvaticum* (de Geer); Theiler

1984: *A. sylvaticum* (de Geer); Keirans

1992: *A. sylvaticum* (de Geer); Keirans

***Amblyomma tapirellum* Dunn, 1933**

Parasitol., 25(3)

1933: *Amblyomma tapirellum*; Dunn, original description

1934: *A. tapirellum* Dunn; Dunn

1939: *A. tapirellum* Dunn; Tonelli-Rondelli

1943: *A. tapirellum* Dunn; Fairchild

1966: *A. tapirellum* Dunn; Fairchild, Kohls & Tipton

1992: *A. tapirellum* Dunn; Keirans

***Amblyomma tapiri* Tonelli-Rondelli, 1937**

Riv.Parassit., 1(4)

See notes under the item *Amblyomma cajennense*

***Amblyomma tasquei* Floch & Abonnenc, 1940**

Publ.Inst.Pasteur Guyane

See notes under the item *Amblyomma extraoculatum*

***Amblyomma tenellum* Koch, 1844**

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma cajennense*

***Amblyomma tenimberense* Hirst & Hirst, 1910**

Ann. Mag. Nat. Hist., 6(33)

See notes under the item *Amblyomma helvolum*

***Amblyomma testudinarium* Koch, 1844**

Arch.naturgesch., 10(1)

1844: *Amblyomma testudinarium*; Koch, original description

1844: *Amblyomma infestum*; Koch (as new species)

1879: *Amblyomma distinctum*; Karsch (as new species)

- 1899: *A. testudinarium* Koch; Neumann
 1899: *A. aureum*. Neumann, as new species; specimen recorded from Java is actually *A. testudinarium*, according to Hoogstraal (1956). See also notes under the item *Amblyomma rhinocerotis*
 1900: *Ixodes auriscutellatus*; Koningsberger (as new species)
 1901: *Amblyomma compactum*; Neumann (as new species)
 1910: *A. testudinarium* Koch; Warburton
 1911: *A. testudinarium* Koch; Neumann
 1926: *A. testudinarium* Koch; Robinson stated that *A. infestum* Koch, *I. auriscutellatus* Koningsberger and *A. compactum* Neumann are synonymies of *A. testudinarium* Koch.
 1932: *A. infestum testudinarium* Schulze. Schulze ranked *A. testudinarium* to a subspecies of *A. infestum* Koch.
 1932: *Amblyomma fallax*; Schulze (nomen novum for *A. infestum* Koch, of Robinson)
 1935: *A. infestum taivanicum*; Schulze (as new subspecies)
 1935: *Amblyomma yajimai*; Kishida (as new species)
 1936: *A. infestum borneense*; Schulze (as new subspecies)
 1941: *A. testudinarium* Koch; Toumanoff
 1944: *A. yajimai* Kishida; Itagaki & Noda (pro parte)
 1950: *A. testudinarium* Koch; Anastos stated the validity of this species, without subspecies
 1950: *A. testudinarium* Koch; Kohls
 1959: *A. testudinarium* Koch; Itagaki, Noda & Yamaguchi
 1959: *A. yajimai* Kishida; Itagaki, Noda & Yamaguchi (pro parte)
 1962: *A. testudinarium* Koch; Trapido
 1963: *A. testudinarium* Koch; Domrow and Nadchatram
 1964: *A. testudinarium* Koch; Dhanda & Rao
 1966: *A. yajimai* Kishida; Maa & Kuo (pro parte)
 1967: *A. testudinarium* Koch; Hoogstraal & Rack
 1968: *A. testudinarium* Koch; Hoogstraal, Santana & Van Peenen
 1984: *A. testudinarium* Koch; Keirans
 1992: *A. testudinarium* Koch; Keirans

Amblyomma testudinis (Conil, 1877)

- Acta Acad. Nac.Cien.Exac.Cordoba, 3(1)
 1877: *Ixodes testudinis*; Conil, original description
 1902: *A. testudinis* (Conil); Neumann (new combination)
 1905: *Amblyomma argentinae*; Neumann (as new species)
 1920: *A. testudinis* (Conil); Barbara & Dios stated that *A. argentinae* Neumann is a synonym of *A. testudinis* (Conil)
 1926: *A. testudinis* (Conil); Robinson stated that *A. argentinae* Neumann is a synonym of *A. testudinis* (Conil)
 1935: *A. testudinis* (Conil); Aragão
 1950: Nec *A. testudinis* (Conil); Santos Dias erroneously synonymized *Amblyomma cubanum* Schulze under *A. testudinis*, but it is a synonym of *A. dissimile*
 1953: *A. testudinis* (Conil); Vogelsang & Santos Dias
 1958: Nec *A. testudinis* (Conil); Santos Dias erroneously synonymized *Aponomma thumbi* Schulze under *A. testudinis*, but it is a synonym of *A. dissimile*
 1966: *A. testudinis* (Conil); Cerny
 1992: *A. testudinis* (Conil); Keirans
 For data on *Amblyomma testudinis* (Supino), see notes under the item *Amblyomma supinoi* Neumann

Amblyomma theilerae Santos Dias, 1947

Rev. Med. Vet., Lisboa, 42

See notes under the item *Amblyomma hebraeum****Amblyomma tholloni*** Neumann, 1899

Mém. Soc. Zool. Fr., 12

1899: *Amblyomma tholloni*; Neumann, original description1901: *A. tholloni* Neumann; Neumann1911: *A. tholloni* Neumann; Neumann1926: *A. tholloni* Neumann; Robinson1930: *A. tholloni* Neumann; Bequaert1950: *A. tholloni* Neumann; Santos Dias1951: *A. tholloni* Neumann; Tendeiro1956: *A. tholloni* Neumann; Hoogstraal1956: *A. tholloni* Neumann; Santos Dias1959: *A. tholloni* Neumann; Morel1960: *A. tholloni* Neumann; Santos Dias1961: *A. tholloni* Neumann; Aeschlimann1962: *A. tholloni* Neumann; Clifford & Anastos1962: *A. tholloni* Neumann; Theiler1966: *A. tholloni* Neumann; Elbl & Anastos1967: *A. tholloni* Neumann; Aeschlimann1967: *A. tholloni* Neumann; Yeoman & Walker1984: *A. tholloni* Neumann; Keirans1992: *A. tholloni* Neumann; Keirans***Amblyomma tigrinum*** Koch, 1844

Arch. Naturgesch., 10(1)

1844: *Amblyomma tigrinum*; Koch, original description1844: *Amblyomma ovatum*; Koch, as new species1907: *A. maculatum* Koch; Banks erroneously synonymized both *A. tigrinum* Koch and *A. ovatum* Koch with *A. maculatum*1907: *A. maculatum* Koch; Hunter & Hooker erroneously synonymized both *A. tigrinum* Koch and *A. ovatum* Koch with *A. maculatum*1926: *A. maculatum* Koch; Robinson erroneously synonymized *A. tigrinum* with *A. maculatum*1940: *Amblyomma bouthieri*; Senevet (as new species)1956: *A. tigrinum* Koch; Kohls stated that *A. ovatum* Koch is a synonym of *A. tigrinum* and resurrected the latter species1958: *A. tigrinum* Koch; Floch & Fauran1960: *A. tigrinum* Koch; Fonseca1972: *A. tigrinum* Koch; Jones, Clifford, Keirans & Kohls1984: *A. tigrinum* Koch; Keirans1992: *A. tigrinum* Koch; Keirans***Amblyomma torrei*** Pérez Vigueras, 1934

Psyche, 41(1)

1934: *Amblyomma torrei*; Pérez-Vigueras, original description1950: *A. torrei* Pérez-Vigueras; Thompson1966: *A. torrei* Pérez-Vigueras; Cerny1983: *A. torrei* Pérez-Vigueras; Kolonin1992: *A. torrei* Pérez Vigueras; Keirans***Amblyomma triguttatum*** Koch, 1844

Arch. Naturgesch., 10(1)

1844: *Amblyomma triguttatum*; Koch, original description

- 1901: *A. triguttatum* Koch; Neumann
 1911: *A. triguttatum* Koch; Neumann
 1926: *A. triguttatum* Koch; Fielding
 1926: *A. triguttatum* Koch; Robinson
 1958: *A. triguttatum* Koch; Santos Dias
 1960: *A. triguttatum* Koch; Clifford & Anastos
 1962: *A. triguttatum* Koch; Roberts
 1962: *A. triguttatum ornatissimum*; Roberts (as new subspecies)
 1962: *A. triguttatum queenslandensis*; Roberts (as new subspecies)
 1962: *A. triguttatum rosei*; Roberts (as new subspecies)
 1967: *A. triguttatum* Koch; Oliver
 1984: *A. triguttatum* Koch; Keirans
 1992: *A. triguttatum* Koch; Keirans

Amblyomma triguttatum ornatissimum Roberts, F.H.S., 1962
 Aust.J.Zool., 10(3)
 See notes under the item *Amblyomma triguttatum*

Amblyomma triguttatum queenslandensis Roberts, F.H.S., 1962
 Aust.J.Zool., 10(3)
 See notes under the item *Amblyomma triguttatum*

Amblyomma triguttatum rosei Roberts, F.H.S., 1962
 Aust.J.Zool., 10(3)
 See notes under the item *Amblyomma triguttatum*

Amblyomma trimaculatum Neumann, 1908
 Notes Leyden Mus., 30(1)
 See notes under the item *Amblyomma paulopunctatum*

Amblyomma triste Koch, 1844
 Arch. Naturgesch., 10(1)
 1844: *Amblyomma triste*; Koch, original description
 1907: *A. maculatum* Koch; Banks erroneously synonymized *A. triste* with *A. maculatum*
 1907: *A. maculatum* Koch; Hunter & Hooker erroneously synonymized *A. triste* with *A. maculatum*
 1926: *A. maculatum* Koch; Robinson erroneously synonymized *A. triste* with *A. maculatum*
 1956: *A. triste* Koch; Kohls
 1961: *A. triste* Koch; Aragão & Fonseca
 1972: *A. triste* Koch; Jones, Clifford, Keirans & Kohls
 1984: *A. triste* Koch; Keirans
 1992: *A. triste* Koch; Keirans

Amblyomma tuberculatum Marx in Hubbard, 1894
 Insect Life, 6(4)
 1894: *Amblyomma tuberculatum*; Marx, original description
 1899: *A. turberculatum* Marx; Neumann
 1911: *A. turberculatum* Marx; Neumann
 1926: *A. turberculatum* Marx; Robinson
 1932: *A. turberculatum* Marx; Bequaert
 1944: *A. turberculatum* Marx; Cooley & Kohls

1945: *A. turberculatum* Marx; Bishopp & Trembley
 1966: *A. turberculatum* Marx; Cerny
 1984: *A. turberculatum* Marx; Keirans
 1992: *A. turberculatum* Marx; Keirans

Amblyomma uncatum Nuttall & Warburton, 1908
 Proc.Camb.Phil.Soc., 14(4), 1907
 See notes under the item *Amblyomma nodosum*

Amblyomma unipunctata (Packard, 1869)
 Rep.Peabody Acd.Sci., Jan.
 See notes under the item *Amblyomma americanum*

Amblyomma usingeri Keirans, Hoogstraal, & Clifford, 1973
 Ann.Ent.Soc.Am., 66(3)
 1973: *Amblyomma usingeri*; Keirans, Hoogstraal & Clifford, original description
 1983: *A. usingeri* Keirans, Hoogstraal & Clifford; Kolonin
 1992: *A. usingeri* Keirans, Hoogstraal & Clifford; Keirans

Amblyomma v-notatum Nuttall, 1910
 Parasitol., 3(4)
 See notes under the item *Amblyomma geayi*

Amblyomma varani (Rudow, 1870)
 Z.Ges.Naturw., 35
 1870: *Hyalomma varani*; Rudow, original description
 1899: *Amblyomma varani* (Rudow); Neumann, new combination
 1926: Robinson condemned the species

Amblyomma variegatum (Fabricius, 1794)
 Supplementum Entomologiae Systematicae
 1798: *Acarus variegatus*; Fabricius, original description
 1805: *Ixodes variegatus* (Fabricius); Fabricius, new combination
 1829: *Crotonus variegatus* (Fabricius); Duméril, new combination
 1844: *Ixodes elegans*; Guérin-Méneville, as new species (date of description according to Doss & Anastos, 1977)
 1844: *Amblyomma venustum*; Koch, as new species
 1873: *Amblyomma variegatum* (Fabricius); Gerstäcker, new combination
 1878: *A. variegatum* (Fabricius); Karsch
 1884: *Amblyomma quadriguttatum*; Pavesi, as new species
 1899: *A. variegatum* (Fabricius); Neumann
 1910: *A. variegatum* (Fabricius); Dönitz
 1911: *A. variegatum* (Fabricius); Neumann
 1913: *A. variegatum* (Fabricius); Nuttall
 1926: *A. variegatum* (Fabricius); Robinson stated that both *Ixodes elegans* and *A. venustum* are synonymies of *A. variegatum*. This author also consider *A. quadriguttatum* Pavesi as "doubtfull or condemned"
 1950: *A. variegatum* (Fabricius); Santos Dias
 1951: *A. variegatum* (Fabricius); Santos Dias
 1952: *A. variegatum* (Fabricius); Tendeiro
 1953: *A. pomposum* Dönitz; Santos Dias degrades *A. pomposum* to a synonym of *A. variegatum*

- 1953: *Amblyomma superbum*; Santos Dias (as new species)
 1956: *A. variegatum* (Fabricius); Hoogstraal
 1958: *A. variegatum* (Fabricius); Morel
 1959: *A. variegatum* (Fabricius); Morel
 1959: Nec *A. variegatum pomposum*; Tendeiro consider *A. pomposum* to be only a subspecies of *A. variegatum*
 1959: *A. variegatum* (Fabricius); Theiler & Salisbury
 1959: *A. variegatum* (Fabricius); Walker
 1960: *A. variegatum* (Fabricius); Santos Dias
 1962: Nec *A. variegatum nocens* Robinson sensu Theiler (see *Amblyomma pomposum*)
 1962: Nec *A. variegatum govurensis* Santos Dias sensu Theiler (see *Amblyomma pomposum*)
 1962: *A. variegatum* (Fabricius); Theiler
 1964: *A. variegatum* (Fabricius); Zumpt
 1965: *A. variegatum* (Fabricius); Morel & Mouchet
 1967: *A. variegatum* (Fabricius); Yeoman & Walker
 1984: *A. variegatum* (Fabricius); Keirans
 1987: *A. variegatum* (Fabricius); Matthyse & Colbo
 1992: *A. variegatum* (Fabricius); Keirans

***Amblyomma variegatum govurensis* Santos Dias, 1950**

Mocambique, 61

See notes under the item *Amblyomma pomposum*

***Amblyomma variegatum nocens* Robinson, 1912**

Parasitol., 4(4)

See notes under the item *Amblyomma pomposum*

***Amblyomma variegatum pomposum* Tendeiro, 1959**

Bol.Cult.Guiné.Port, 14

See notes under the item *Amblyomma pomposum*

***Amblyomma varigata* Jarvis, 1904**

Rhodesia Agric., 1(6)

Lapsus for *Amblyomma variegatum*?

***Amblyomma varium* Koch, 1844**

Arch.Naturgesch., 10(1)

1844: *Amblyomma varium*; Koch, original description

1886: *Amblyomma crassipunctatum*; Stoll, as new species

1899: *A. varium* Koch; Neumann

1899: *A. varium albida*; Neumann (as new subspecies)

1899: *A. crassipunctatum* Stoll; Neumann (pro parte)

1901: *A. varium* Koch; Salmon & Stiles

1901: *A. varium* Koch; Neumann

1911: *A. varium* Koch; Aragão

1926: *A. varium* Koch; Robinson stated that *A. crassipunctatum* Stoll is a synonym of *A. varium*

1942: *Amblyomma gertschi*; Cooley and Kohls, as new species

1942: *A. varium* Koch; Floch & Abonnenc

1943: *A. gertschi* Cooley & Kohls; Fairchild (pro parte)

1958: *A. varium* Koch; Santos Dias

1962: *A. varium* Koch; Hoffmann

1974: *A. varium* Koch; Jones, Clifford, Keirans & Kohls stated that *A. gertschi* Cooley & Kohls is a synonym of *A. varium*

1984: *A. varium* Koch; Keirans

1992: *A. varium* Koch; Keirans

Amblyomma venustum Koch, 1844

Arch.Naturgesch., 10(1)

See notes under the item *Amblyomma variegatum*

Amblyomma versicolor Nuttall & Warburton, 1908

Proc.Camb.Phil.Soc., 14(4), 1907

See notes under the item *Amblyomma cajennense*

Amblyomma vittatum Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the item *Amblyomma oblongoguttatum*

Amblyomma weneri poematium Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma sparsum*

Amblyomma weneri typicum Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma sparsum*

Amblyomma weneri weneri Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Amblyomma nuttalli*

Amblyomma williamsi Banks, 1924

Zoologica N.Y., 5(9)

1924: *Amblyomma williamsi*; Banks, original description

1930: *A. williamsi* Banks; Pinto

1936: *A. williamsi* Banks; Schulze

1983: *A. williamsi* Banks; Kolonin

1992: *A. williamsi* Banks; Keirans

Amblyomma yajimai Kishida, 1935

Lansania, 69(7)

See notes under the item *Amblyomma testudinarium*

Amblyomma ypsilophorum Schulze, 1941

Zool.Anz., 134(5-6)

See notes under the item *Amblyomma cooperi*

Amblyomma zeylanicum Neumann, 1908

Arch.parasit., 12(1)

See notes under the item *Amblyomma clypeolatum*

GENUS ANOMALOHIMALAYA HOOGSTRAAL, KAISER & MITCHELL, 1970

Anomalohimalaya cricetuli Kuo-fan & Chong-an, 1981

Acta Entomol. Sin., 24(1)

1981: *Anomalohimalaya cricetuli*; Kuo-fan & Chong-an, original description

1984: *A. cricetuli* Kuo-fan & Chong-an; Kolonin

1992: *A. cricetuli* Kuo-fan & Chong-an; Keirans

Anomalohimalaya lama Hoogstraal, Kaiser & Mitchell, 1970

Ann. Ent. Soc. Amer., 63 (6)

1970: *Anomalohimalaya lama*. Hoogstraal, Kaiser & Mitchell, original description

1984: *A. lama* Hoogstraal, Kaiser & Mitchell; Kolonin

1992: *A. lama* Hoogstraal, Kaiser & Mitchell; Keirans

Anomalohimalaya lotozkyi Filippova & Panova, 1978
Parazitologiya, XII(5): 391-399.

1978: *Anomalohimalaya lotozkyi*; Filippova & Panova, original description

1984: *A. lotozkyi* Filippova & Panova; Kolonin

1992: *A. lotozkyi* Filippova & Panova; Keirans

GENUS APONOMMA NEUMANN, 1899

Aponomma arcanum (Karsch, 1879)

Z. Ges. Naturw., 52

See notes under the item *Aponomma exornatum*

Aponomma auruginans Schulze, 1936

Z. Parasitenk., 8(6)

1871: *Ixodes phascolomyis*; Macalister, nomen nudum

1936: *Aponomma auruginans*; Schulze, original description

1941: *A. auruginans* Schulze; Schulze

1946: *A. auruginans* Schulze; Taylor

1953: *A. auruginans* Schulze; Roberts

1958: *Aponomma phascolomyis* (Macalister); Santos Dias proposed the new combination and validity of the species by the rule of priority

1964: *A. auruginans* Schulze; Roberts

1972: *A. auruginans* Schulze; Kaufman

1983: *A. auruginans* Schulze; Kolonin

1984: *A. auruginans* Schulze; Keirans

1992: *A. auruginans* Schulze; Keirans

Aponomma barbouri Anastos, 1950

Ent. Amer., 30(1-4)

See notes under the item *Aponomma varanensis*

Aponomma bourreti Toumanoff, 1944

Les tiques (Ixodoidea) de l'Indochine

1944: *Aponomma bourreti*; Toumanoff, original description

1972: *A. bourreti* Toumanoff; Kaufman

1978: *Dermacentonomma bourreti* (Toumanoff); Santos Dias erected the new genus

1984: *Dermacentonomma bourreti* (Toumanoff); Kolonin

1993: Keirans did not include the genus *Dermacentonomma* in his list of valid names of ticks.

Aponomma caponii Toumanoff & Maillard, 1958

Bull. Soc. Path. Exot., 50(5)

See notes under the item *Amblyomma javanense*

Aponomma colasbelcouri Santos Dias, 1958

Mem.Estud.Mus.Zool.Coimbra (249)

1958: *Aponomma colasbelcouri*; Santos Dias, original description

1972: *A. colasbelcouri* Santos Dias; Kaufman

1992: *A. colasbelcouri* Santos Dias; Keirans

***Aponomma concolor* Neumann, 1899**

Mém.Soc.Zool.Fr., 12

1899: *Aponomma concolor*; Neumann, original description

1953: *Aponomma tropicum*; Roberts (as new species)

1964: *A. concolor* Neumann; Roberts

1967: *A. concolor* Neumann; Oliver

1968: *A. concolor* Neumann; Oliver & Bremner

1970: *A. concolor* Neumann; Roberts

1972: *A. concolor* Neumann; Kaufman

1983: Nec *Aponomma concolor* Neumann; Kolonin erroneously stated that *A. oudemansi* is a synonym of *A. concolor*

1984: *A. concolor* Neumann; Keirans

1992: *A. concolor* Neumann; Keirans

***Aponomma crassipes* Neumann, 1901**

Mém.Soc.Zool.Fr., 14(2-3)

1901: *Aponomma crassipes*; Neumann, original description

1935: *A. crassipes* Neumann; Roubaud & Colas-Belcour

1936: *A. crassipes* Neumann; Schulze

1942: *A. crassipes* Neumann; Tumanoff

1945: *A. crassipes* Neumann; Theiler

1958: *A. crassipes* Neumann; Tendeiro

1972: *A. crassipes* Neumann; Kaufman

1983: *A. crassipes* Neumann; Kolonin

1992: *A. crassipes* Neumann; Keirans

***Aponomma decorosum* (Koch, 1867)**

Verh.K.K.Zool.Bot.Ges.Wein, 17

1867: *Ixodes decorosus*; Koch, original description

1867: *Ixodes varani*; Koch, as new species

1899: *Aponomma decorosum* (Koch); Neumann, new combination

1911: *A. decorosum* (Koch); Neumann

1912: *A. decorosum* (Koch); Oudemans

1927: *A. decorosum* (Koch); Oudemans

1945: *A. decorosum* (Koch); Buitendijk

1953: *A. decorosum* (Koch); Roberts

1967: *A. decorosum* (Koch); Oliver

1970: *A. decorosum* (Koch); Roberts

1972: *A. decorosum* (Koch); Kaufman

1983: *A. decorosum* (Koch); Kolonin

1983: Nec *A. decorosum* (Koch); Kolonin erroneously synonymized *Aponomma undatum* (Fabricius) under *A. decorosum*. The full record is included by Kolonin as *Aponomma undatum* Oudemans, 1929, but this reference is also in error. See notes under the item *Aponomma trimaculatum*

1984: *A. decorosum* (Koch); Keirans

1992: *A. decorosum* (Koch); Keirans

***Aponomma devium* (Koch, 1844)**

Arch. Naturgesch., 10(1)

See notes under the item *Aponomma latum*

Aponomma draconis Warburton, 1933
Parasitology, 24(4)
See notes under the item *Aponomma komodoense*

Aponomma ecinctum Neumann, 1901
Mém.Soc.Zoo.Fr., 14(2-3)
See notes under the item *Aponomma fimbriatum*

Aponomma exornatum (Koch, 1844)
Arch. Naturgesch., 10(1)
1844: *Amblyomma exornatum*; Koch, original description
1879: *Amblyomma arcanum*; Karsch (as new species)
1899: *Aponomma exornatum* (Koch); Neumann, new combination
1910: *Amblyomma neglectum*; Hirst & Hirst, as new species
1931: *A. exornatum* (Koch); Bequaert
1935: *Aponomma arcanum* (Karsch); Schulze new combination
1936: *Aponomma neglectum* (Hirst & Hirst); Bedford, new combination
1945: *A. exornatum* (Koch); Theiler synonymized *A. neglectum* under *A. exornatum*
1955: *Aponomma rondelliae*; Santos Dias (as new species)
1955: *A. exornatum* (Koch); Tendeiro
1955: *A. arcanum* (Karsch); Tendeiro (pro parte)
1956: *A. exornatum* (Koch); Hoogstraal
1956: *A. exornatum* (Koch); Morel
1956: *A. exornatum* (Koch); Santos Dias
1956: *A. arcanum* (Karsch); Santos Dias (pro parte)
1956: *A. rondelliae* Santos Dias; Santos Dias (pro parte)
1958: Nec *Aponomma exornatum flavomaculatum* (Lucas); Morel & Mouchet erroneously considered *Aponomma flavomaculatum* to be a subspecies of *A. exornatum*
1958: *A. rondelliae* Santos Dias; Tendeiro (pro parte)
1959: *A. arcanum* (Karsch); Morel (pro parte)
1960: *A. exornatum* (Koch); Santos Dias
1960: *A. arcanum* (Karsch); Santos Dias (pro parte)
1962: *A. exornatum* (Koch); Arthur
1962: *A. exornatum* (Koch); Clifford & Anastos
1962: *A. exornatum* (Koch); Theiler
1965: *A. arcanum* (Karsch); Morel & Mouchet (pro parte)
1966: *A. exornatum* (Koch); Elbl & Anastos
1967: *A. exornatum* (Koch); Aeschlimann
1967: *A. arcanum* (Karsch); Aeschlimann (pro parte)
1967: *A. exornatum* (Koch); Yeoman & Walker
1972: *A. exornatum* (Koch); Kaufman
1983: *A. exornatum* (Koch); Kolonin
1984: *A. exornatum* (Koch); Keirans
1987: *A. exornatum* (Koch); Matthyse & Colbo
1992: *A. exornatum* (Koch); Keirans

Aponomma exornatum flavomaculatum (Lucas, 1846)
Ann.Soc.Entom.Fr., 4
See notes under the item *Aponomma flavomaculatum*

Aponomma falsolaeve Schulze, 1936
Z.Parasit., 8(6)
See notes under the item *Aponomma latum*

Aponomma fimbriatum (Koch, 1844)

Arch.Naturgesch., 10(1)

- 1844: *Amblyomma fimbriatum*; Koch, original description
 1901: *Aponomma ecinctum*; Neumann, as new species
 1911: *A. ecinctum* Neumann; Neumann
 1908: *Aponomma simplex*; Cooper & Robinson, as new species
 1933: *Aponomma undatum fimbriatum* (Koch); Schulze considered *A. fimbriatum* to be only a subspecies of *A. undatum* Oudemans, which, in turn, is a synonym of *Aponomma decorosum* (Koch, 1844)
 1933: *Aponomma trabeatum*; Schulze, as new species
 1935: *Aponomma fimbriatum* (Koch); Schulze, new combination
 1941: *A. fimbriatum* (Koch); Schulze
 1945: *A. ecinctum* Neumann; Buitendijk (pro parte)
 1945: *A. simplex* Cooper & Robinson; Buitendijk (pro parte)
 1946: *A. fimbriatum* (Koch); Roberts
 1947: *A. trabeatum* Schulze; Taylor
 1950: *A. fimbriatum* (Koch); Kohls
 1950: *A. ecinctum* Neumann; Kohls (pro parte)
 1953: *A. simplex* Cooper & Robinson; Roberts
 1957: *A. fimbriatum* (Koch); Kohls
 1958: *A. ecinctum* Neumann; Santos Dias
 1958: *A. simplex* Cooper & Robinson; Santos Dias (as synonym of *A. ecinctum*)
 1967: *A. fimbriatum* (Koch); Oliver
 1967: *A. ecinctum* Neumann; Oliver (pro parte)
 1967: *A. simplex* Cooper & Robinson; Oliver (pro parte)
 1968: *A. fimbriatum* (Koch); Oliver & Bremner
 1983: *A. fimbriatum* (Koch); Kolonin
 1984: *A. fimbriatum* (Koch); Keirans
 1992: *A. fimbriatum* (Koch); Keirans

Aponomma flavomaculatum (Lucas, 1846)

Ann.Soc.Ent.Fr., 4

- 1846: *Ixodes flavomaculatus*; Lucas, original description
 1892: *Ixodes varani*; Lewis, as new species
 1899: *Aponomma exornatum* (Koch); Neumann (pro parte, following Kolonin, 1983)
 1945: *Aponomma exornatum* (Koch); Theiler (pro parte, following Kolonin, 1983)
 1950: *Aponomma halli*; Tendeiro, as new species
 1953: *Aponomma pulchrum*; Roberts, as new species
 1953: *Aponomma exornatum* (Koch); Rousselot (pro parte, following Kolonin, 1983)
 1955: *Aponomma flavomaculatum* (Lucas); Tendeiro, new combination
 1956: *Aponomma exornatum* (Koch); Hoogstraal (pro parte, following Kolonin, 1983)
 1956: *A. flavomaculatum* (Lucas); Santos Dias
 1958: *Aponomma exornatum flavomaculatum*; Morel & Mouchet erroneously considered *A. flavomaculatum* as a subspecies of *A. exornatum*
 1960: *A. flavomaculatum* (Lucas); Lamontellerie
 1961: *A. flavomaculatum* (Lucas); Morel
 1962: *A. exornatum* (Lucas); Theiler erroneously considered *A. flavomaculatum* to be a synonym of *A. exornatum*
 1967: *A. flavomaculatum* (Lucas); Aeschlimann
 1972: *A. flavomaculatum* (Lucas); Kaufman

- 1983: *A. flavomaculatum* (Lucas); Kolonin
 1984: *A. flavomaculatum* (Lucas); Keirans
 1987: *A. flavomaculatum* (Lucas); Matthysse & Colbo
 1992: *A. flavamaculatum* (sic) (Lucas); Keirans

Aponomma fraudigerum Schulze, 1935
 Zool.Anz., 112(11-12)
 See notes under the item *Aponomma varanensis*

Aponomma fuscolineatum (Lucas, 1847)
 Ann.Soc.Ent.Fr., 5(7)
 1847: *Ixodes fuscolineatus*; Lucas, original description
 1936: *Aponomma fuscolineatum* (Lucas); Schulze (new combination)
 1958: *Amblyomma fuscolineatum* (Lucas); Santos Dias (new combination)
 1972: *Aponomma fuscolineatum* (Lucas); Kaufman
 1983: *Aponomma fuscolineatum* (Lucas); Kolonin
 1992: *Aponomma fuscolineatum* (Lucas); Keirans

Aponomma gervaisi (Lucas, 1847)
 Ann.Soc.Ent.Fr., 5(7)
 1831: *Ixodes ophiophilus*; Müller, nomen nudum
 1847: *Ixodes gervaisi*; Lucas, original description
 1899: *Aponomma gervaisi* (Lucas); Neumann, new combination
 1901: *A. gervaisi* (Lucas); Neumann
 1910: Nec *Aponomma gervaisi lucasi* Oudemans; described as *Aponomma lucasi* and ranked to subspecies by Schulze. See notes under the item *Aponomma varanensis*
 1911: *Aponomma ophiophilum* (Müller); Neumann, new combination
 1915: *A. gervaisi* (Lucas); Banks
 1925: *A. gervaisi* (Lucas); Oudemans
 1928: *A. gervaisi* (Lucas); Sharif
 1932: *A. gervaisi* (Lucas); Krijgsman & Ponto
 1936: *Aponomma patagonicum*; Schulze, as new species
 1938: *A. gervaisi* (Lucas); Sen
 1941: *Aponomma gervaisi toreuma*; Schulze, as new subspecies
 1944: *A. gervaisi* (Lucas); Toumanoff
 1953: *A. gervaisi* (Lucas); Tendeiro
 1958: *A. ophiophilum* (Müller); Santos Dias stated that by the rule of priority *A. gervaisi* (Lucas) is a synonym of *A. ophiophilum*
 1959: *A. gervaisi* (Lucas); Hoogstraal & Kaiser
 1965: *A. gervaisi* (Lucas); Seneviratna
 1983: *A. gervaisi* (Lucas); Kolonin stated that *A. ophiophilum* is a synonym of *A. gervaisi*
 1984: *A. gervaisi* (Lucas); Keirans
 1992: *A. gervaisi* (Lucas); Keirans

Aponomma gervaisi lucasi Warburton, 1910
 Parasitol., 3(4)
 See notes under the item *Aponomma varanensis*

Aponomma gervaisi toreuma Schulze, 1941
 Z.Anz., 134(7-8)
 See notes under the item *Aponomma gervaisi*

Aponomma globulus (Lucas, 1860)

Ann.Soc.Ent.Fr., 3(8)

See notes under the item *Aponomma transversale****Aponomma halli*** Tendeiro, 1948

Bol.Cult.Guiné Port, 3(11)

See notes under the *Aponomma flavomaculatum****Aponomma hydrosauri*** (Denny, 1843)

Ann.Mag.Nat.Hist., 12

1843: *Ixodes hydrosauri*; Denny, original description1844: *Amblyomma hydrosauri* (Denny); Koch, new combination1861: *Ixodes trachysauri*; Lucas, as new species1899: *Aponomma hydrosauri* (Denny); Neumann, new combination1899: *Aponomma trachysauri* (Lucas); Neumann, new combination1910: *A. trachysauri* (Lucas); Neumann (pro parte)1911: *A. hydrosauri* (Denny); Neumann1947: *A. hydrosauri* (Denny); Roberts1947: *A. trachysauri* (Lucas); Roberts (pro parte)1950: *A. trachysauri* (Lucas); Schulze1953: *A. hydrosauri* (Denny); Roberts1953: *A. trachysauri* (Lucas); Roberts (pro parte)1953: *Aponomma tachyglossi*; Roberts, as new species1964: *A. hydrosauri* (Denny); Roberts1964: *A. tachyglossi* Roberts; Roberts (pro parte)1967: *A. hydrosauri* (Denny); Oliver1967: *A. trachysauri* (Lucas); Oliver (pro parte)1968: *A. hydrosauri* (Denny); Oliver & Bremner1970: *A. hydrosauri* (Denny); Roberts1972: *A. hydrosauri* (Denny); Kaufman1983: *A. hydrosauri* (Denny); Kolonin1984: *A. hydrosauri* (Denny); Keirans1992: *A. hydrosauri* (Denny); Keirans***Aponomma inornata*** Banks, 1909

Proc.Ent.Soc.Wash., 10(3-4)

See notes under the item *Amblyomma inornatum****Aponomma javanense*** Cooper & Robinson, 1908

Proc.Camb.Phil.Soc., 14(5)

See notes under the item *Amblyomma javanense****Aponomma kerberti*** Oudemans, 1926

Ent.Ber., 7

See notes under the item *Amblyomma goeldii****Aponomma komodoense*** Oudemans, 1928

Zool.Meded.Rijkmus.Nat.Hist.Leiden, 11(4)

1928: *Aponomma komodoense*; Oudemans, original description1933: *Aponomma draconis*; Warburton, as new species1936: *A. komodoense* Oudemans; Schulze1945: *A. komodoense* Oudemans; Buitendijk1950: *A. komodoense* Oudemans; Anastos1972: *A. komodoense* Oudemans; Kaufman1983: *A. komodoense* Oudemans; Kolonin1984: *A. komodoense* Oudemans; Keirans1992: *A. komodoense* Oudemans; Keirans

Aponomma kraneveldi Anastos, 1956

J.Parasit., 42(3)

1956: *Aponomma kraneveldi*; Anastos, original description1972: *A. kraneveldi* Anastos; Kaufman1983: *A. kraneveldi* Anastos; Kolonin1992: *A. kraneveldi* Anastos; Keirans**Aponomma laevatum** Schulze, 1936

Z.Parasitenk., 8(6)

Lapsus for *Aponomma latum* (Koch)?**Aponomma laeve** Neumann, 1899

Mém.Soc.Zool.Fr., 12

See notes under the item *Aponomma latum***Aponomma laeve capense** Neumann, 1901

Mém.Soc.Zool.Fr., 14(2-3)

See notes under the item *Aponomma latum***Aponomma laeve paradoxum** Nuttall in Wall, 1921

The Snakes of Ceylon

See notes under the item *Aponomma pattoni***Aponomma latum** (Koch, 1844)

Arch. Naturgesch., 10(1)

1844: *Amblyomma latum*; Koch, original description (considered today as *Aponomma latum*)1844: *Hyalomma latum*; Koch (as new species), today considered as a synonym of *Amblyomma sylvaticum* (de Geer)1844: *Hyalomma devium*; Koch, as new species

1899: *Amblyomma latum* Koch, *Amblyomma laeve* Neumann, and *Aponomma laeve* (Neumann); Neumann stated that the female of *Amblyomma devium* is the female of *Hyalomma latum*, and ranked it to the genus *Amblyomma*. Koch described *Hyalomma latum* in the page 221 of Arch. Naturgesch, v. 10(1) and, as mentioned, it proved to be an *Amblyomma* (synonymous with *A. sylvaticum*). In the page 231 Koch described *Amblyomma latum* (not synonymous with *Amblyomma sylvaticum*). In 1899, Neumann proposed the name *Amblyomma laeve* for *Amblyomma latum* Koch (preoccupied). In 1901, Neumann ranked *Amblyomma laeve* to the genus *Aponomma*. In such a way, *Amblyomma laeve* Neumann and *Aponomma laeve* (Neumann) are synonymous with *Aponomma latum* (Koch) originally described as *Amblyomma latum*

1899: *Aponomma politum*; Neumann, as new species1901: *Aponomma laeve capense*; Neumann, as new subspecies1901: *Aponomma ochraceum*; Neumann, as new species

1911: Nec *Aponomma latum* (Koch); Neumann (pro parte) stated that *Aponomma politum* Neumann is a synonym of *A. latum*. See notes under the item *Amblyomma javanense*. The 4 males and 1 female studied by Neumann as *Aponomma politum* (= *Amblyomma javanense* following Robinson) yielded the erroneous finding that *Aponomma laeve* is a taxon separated from *Aponomma latum* and with distribution Oriental

1926: *Amblyomma javanense* (Supino); Robinson erroneously synonymized *Aponomma politum* Neumann under *A. javanense*

1935: *Aponomma pseudolaeve*; Schulze, as new species1936: *Aponomma falsolaeve*; Schulze, as new species1940: *Aponomma devium* (Koch); Kratz, new combination

1945: *Aponomma laeve* (Neumann); Theiler (pro parte) stated that *Aponomma laeve* is a different taxon, separated from *Aponomma latum*

1948: *A. latum* (Koch); Santos Dias

1951: *A. latum* (Koch); Tendeiro

1956: *A. latum* (Koch); Hoogstraal

1958: *Amblyomma pseudolaeve* (Schulze); Chang, new combination

1958: *A. latum* (Koch); Morel & Mouchet

1958: *A. latum* (Koch); Santos Dias

1959: *A. latum* (Koch); Hoogstraal & Kaiser

1959: *A. latum* (Koch); Morel

1962: *Aponomma latum* (Koch); Theiler stated that *A. falsolaeve* Schulze is a synonym of *A. latum*

1962: *Aponomma ochraceum* Neumann; Theiler considered it as a valid species

1964: *A. latum* (Koch); Clifford & Anastos

1966: *A. latum* (Koch); Elbl & Anastos

1967: *A. latum* (Koch); Aeschlimann

1967: *A. latum* (Koch); Yeoman & Walker

1972: *A. latum* (Koch); Kaufman

1972: *A. latum* (Koch); Morel & Rodhain

1972: *A. latum* (Koch); Saratsiotis

1974: *A. latum* (Koch); Santos Dias

1983: *A. latum* (Koch); Kolonin

1984: *A. latum* (Koch); Keirans

1987: *A. latum* (Koch); Matthyse & Colbo

1992: *A. latum* (Koch); Keirans

Aponomma lucasi Warburton, 1910

Parasitol., 3(4)

See notes under the item *Aponomma varanensis*

Aponomma ludovici Siuda, 1971

Abstr. 2 Symp. Med. Vet. Acaroenomology (Gdansk, October 21-23)

See notes under the item *Aponomma sphenodonti*

Aponomma neglectum (Hirst & Hirst, 1910)

Ann.Ang.Nat.Hist., 6(33)

See notes under the item *Aponomma exornatum*

Aponomma ochraceum Neumann, 1901

Mém.Soc.Zool.Fr., 14(2-3)

See notes under the item *Aponomma latum*

Aponomma omissum Schulze, 1932

Z.Parasitenk., 4(3)

See notes under the item *Aponomma varanensis*

Aponomma ophiophilum (Müller, 1831)

Nova Acta Acad.Caesar, Lepo.Carol.Nat.Curios, 15(2)

See notes under the item *Aponomma gervaisi*

Aponomma oudemansi Neumann, 1910

Tijdschr.Ent., 53(1-2)

1910: *Aponomma oudemansi*; Neumann, original description

1936: *A. oudemansi* Neumann; Schulze

- 1941: *A. oudemansi galactites*. Schulze, as new subspecies
 1945: *A. oudemansi* Neumann; Buitendijk
 1946: *A. oudemansi* Neumann; Taylor
 1951: *A. oudemansi galactites* Schulze; Schulze
 1972: *A. oudemansi* Neumann; Kaufman
 1983: *A. concolor* Neumann; Kolonin erroneously stated that
A. oudemansi is a synonym of *Aponomma concolor*
 1984: *A. oudemansi* Neumann; Keirans
 1992: *A. oudemansi* Neumann; Keirans

Aponomma oudemansi galactites Schulze, 1941
 Zool.Anz., 134(7-8)
 See notes under the item *Aponomma oudemansi*

Aponomma patagonicum Schulze, 1936
 Z.Parasitenk., 8(6)
 See notes under the item *Aponomma gervaisi*

Aponomma pattoni Neumann, 1910
 Ann.Sci.Nat., 12(1-2)
 1910: *Aponomma pattoni*; Neumann, original description
 1960: *A. pattoni* Neumann; Alwar
 1965: *A. pattoni* Neumann; Seneviratna
 1968: *A. pattoni* Neumann; Hoogstraal, Santana & Van Peenen
 1972: *A. pattoni* Neumann; Kaufman
 1979: *A. pattoni* Neumann; Kaul, Dhanda & Mishra
 1983: Nec *A. pattoni* Neumann; Kolonin erroneously
 synonymized *Aponomma laeve* and *A. l. paradoxum* under *A.*
pattoni, but see notes under the item *Aponomma latum* (Koch)
 1984: *A. pattoni* Neumann; Keirans
 1992: *A. pattoni* Neumann; Keirans

Aponomma phascolomyis (Macalister, 1871)
 Quatr.J.Micr.Sci., 11(42)
 See notes under the item *Aponomma auruginans*

Aponomma politum Neumann, 1899
 Mém.Soz.Zool.Fr., 12
 See notes under the items *Amblyomma javanense* and *Aponomma*
latum

Aponomma primaculatum Warburton, 1925
 Spolia Zeylan., 13(2)
 Lapsus for *Aponomma trimaculatum*?

Aponomma pseudolaeve Schulze, 1935
 Zool.Anz., 112(11-12)
 See notes under the item *Aponomma latum*

Aponomma pulchrum Roberts, 1953
 Aust.J.Zool., 1(1)
 See notes under the item *Aponomma flavomaculatum*

Aponomma quadratum Cooper & Robinson, 1908
 Proc.Camb.Phil.Soc., 14(5)
 See notes under the item *Aponomma varanensis*

Aponomma quadricavum Schulze, 1941

Zool.Anz., 133(9-10)

1941: *Aponomma quadricavum*; Schulze, original description

1951: *A. quadricavum* Schulze; Schulze

1958: *A. quadricavum* Schulze; Santos Dias

1966: *A. quadricavum* Schulze; Cerny

1967: *A. quadricavum* Schulze; Cerny

1983: *A. quadricavum* Schulze; Kolonin

1992: *A. quadricavum* Schulze; Keirans

Aponomma rondelliae Santos Dias, 1955

Mem.Estud.Mus.Zool.Univ.Coimbra (228)

See notes under the item *Aponomma exornatum*

Aponomma simplex Cooper & Robinson, 1908

Proc.Camb.Phil.Soc., 14(5)

See notes under the item *Aponomma fimbriatum*

Aponomma soembawensis Anastos, 1956

J.Parasit., 42(3)

1956: *Aponomma soembawensis*; Anastos, original description

1972: *A. soembawensis* Anastos; Kaufman

1983: *A. soembawensis* Anastos; Kolonin

1992: *A. soembawensis* Anastos; Keirans

Aponomma sphenodonti Dumbleton, 1943

N.Z.J.Sc.Technol., 24(4B)

1943: *Aponomma sphenodonti*; Dumbleton, original description

1953: *A. sphenodonti* Dumbleton; Dumbleton

1963: *A. sphenodonti* Dumbleton; Dumbleton

1966: *A. sphenodonti* Dumbleton; Sharell

1971: *Aponomma ludovici*; Siuda, as new species

1972: *A. sphenodonti* Dumbleton; Kaufman

1977: *A. sphenodonti* Dumbleton; Heath

1983: *A. sphenodonti* Dumbleton; Kolonin

1992: *A. sphenodonti* Dumbleton; Keirans

Aponomma tachyglossi Roberts, 1953

Aust.J.Zool., 1(1)

See notes under the item *Aponomma hydrosauri*

Aponomma tenimberense (Hirst & Hirst, 1910)

Ann.Mag.Nat.Hist., 6(33)

See notes under the item *Amblyomma helvolum*

Aponomma testudinis (Supino, 1897)

Atti Soc.Ven.-Trent.Sc.Nat.Padova, 3(1)

See notes under the item *Amblyomma supinoi*

Aponomma thumbi Schulze, 1941

Z.Parasitenk., 12(2)

See notes under the item *Amblyomma dissimile*

Aponomma trabeatum Schulze, 1933

Zool.Anz., 104(11-12)

See notes under the item *Aponomma fimbriatum*

Aponomma trachysauri (Lucas, 1861)

Ann.Soc.Ent.Fr., 1

See notes under the item *Aponomma hydrosauri*

Aponomma transversale (Lucas, 1845)

Ann.Soc.Ent.Fr., 3

1845: *Ixodes transversalis*; Lucas, original description

1860: *Ixodes globulus*; Lucas, as new species

1899: *Aponomma transversale* (Lucas); Neumann, new combination

1899: *Aponomma globulus* (Lucas); Neumann (pro parte), new combination

1901: *A. transversale* (Lucas); Neumann

1905: *Neumaniella transversale* (Lucas); Lahille, new combination

1926: *A. globulus* (Lucas); Bedford (pro parte)

1945: *A. transversale* (Lucas); Theiler mentioned that *A. globulus* is a synonym of *A. transversale*

1949: *A. transversale* (Lucas); Santos Dias

1951: *A. transversale* (Lucas); Tendeiro

1958: *A. transversale* (Lucas); Morel & Mouchet

1958: *A. transversale* (Lucas); Tendeiro

1960: *A. transversale* (Lucas); Lamontellerie

1960: *A. transversale* (Lucas); Santos Dias

1961: *A. transversale* (Lucas); Morel

1962: *A. transversale* (Lucas); Clifford & Anastos

1964: *A. transversale* (Lucas); Theiler

1967: *A. transversale* (Lucas); Aeschlimann

1967: *A. transversale* (Lucas); Yeoman & Walker

1972: *A. transversale* (Lucas); Kaufman

1974: *A. transversale* (Lucas); Santos Dias

1983: *A. transversale* (Lucas); Kolonin

1984: *A. transversale* (Lucas); Keirans

1987: *A. transversale* (Lucas); Matthysse & Colbo

1992: *A. transversale* (Lucas); Keirans

Aponomma trimaculatum (Lucas, 1878)

Ann.Soc.Ent.Fr., 8(5)

1775: *Acarus undatus*; Fabricius (name without description)

1878: *Ixodes trimaculatus*; Lucas, original description

1899: *Aponomma trimaculatum* (Lucas); Neumann, new combination

1911: *A. trimaculatum* (Lucas); Neumann

1926: *A. trimaculatum* (Lucas); Warburton

1932: *A. trimaculatum* (Lucas); Krijgsman & Ponto

1933: *Aponomma undatum* (Fabricius), Schulze, new combination, as valid species by the rule of priority (but *Acarus undatus* is a nomen nudum)

1944: *A. trimaculatum* (Lucas); Toumanoff

1946: *A. trimaculatum* (Lucas); Taylor

1950: *A. trimaculatum* (Lucas); Anastos

1953: *A. trimaculatum* (Lucas); Roberts

1955: *A. trimaculatum* (Lucas); Santos Dias

1965: *A. trimaculatum* (Lucas); Seneviratna

1970: *A. trimaculatum* (Lucas); Roberts

1972: *A. trimaculatum* (Lucas); Kaufman

1983: *A. trimaculatum* (Lucas); Kolonin

1984: *A. trimaculatum* (Lucas); Keirans

1992: *A. trimaculatum* (Lucas); Keirans

Aponomma tropicum Roberts, 1953
 Aust.J.Zool., 1(1)
 See notes under the item *Aponomma concolor*

Aponomma undatum (Fabricius, 1775)
 Systema Entomologiae
 See notes under the item *Aponomma trimaculatum*

Aponomma varanensis (Supino, 1897)
 Atti Soc.Ven.-Trent.Sci.Nat.Padova, 3(1)
 1897: *Ixodes varanensis*; Supino, original description
 1908: *Aponomma quadratum*; Cooper & Robinson, as new species
 1910: *Aponomma gervaisi lucasi*; Oudemans, as new subspecies
 1928: *A. gervaisi lucasi* Oudemans; Sharif
 1932: *Aponomma omissum*; Schulze, as new species
 1933: *Aponomma lucasi* Oudemans; Schulze, new rank
 1934: *A. gervaisi lucasi* Oudemans; Olenev
 1935: *Aponomma fraudigerum*; Schulze, as new species
 1950: *A. lucasi* Oudemans; Anastos
 1950: *Aponomma barbouri*; Anastos, as new species
 1953: *A. quadratum* Cooper & Robinson; Roberts
 1957: *A. lucasi* Oudemans; Kohls
 1957: *A. barbouri* Anastos; Toumanoff & Maillard
 1958: *Aponomma varanensis* (Supino); Santos Dias, new combination
 1960: *A. lucasi* Oudemans; Audy, Nadchatram & Lim
 1964: *A. quadratum* Cooper & Robinson; Roberts
 1965: *A. gervaisi lucasi* Oudemans; Seneviratna
 1968: *A. lucasi* Oudemans; Hoogstraal, Santana & Van Peenen
 1972: *A. varanensis* (Supino); Kaufman
 1983: *A. varanensis* (Supino); Kolonin mentioned that both *A. omissum* Schulze and *A. fraudigerum* Schulze are synonymies of *A. varanensis*
 1984: *A. varanensis* (Supino); Keirans
 1992: *A. varanensis* (Supino); Keirans

GENUS <i>BOOPHILUS</i> CURTICE, 1891

Boophilus annulatus (Say, 1821)

J. Acad. Nat. Sci. Phila., v. 2

1821: *Ixodes annulatus*; Say, original description1894: *Ixodes calcaratus*; Birula, as new species1895: *Rhipicephalus calcaratus* (Birula); Birula proposed that the species must to be adscribed to the genus *Rhipicephalus*1897: *Rhipicephalus annulatus caudatus*; Neumann, as new subspecies1899: *Rhipicephalus caudatus* Neumann; Neumann, new rank1899: Nec *Rhipicephalus australis*; Fuller, as new species.See notes under the item *Boophilus microplus*1901: *Rhipicephalus annulatus argentinus*; Neumann, as new subspecies1901: Nec *Rhipicephalus annulatus microplus* (Canestrini); Neumann proposed that *B. microplus* (Canestrini) is only a subspecies of *B. annulatus* (Say)1901: Nec *Rhipicephalus annulatus australis* (Fuller); Neumann, new rank. See notes under the item *Boophilus microplus*1901: Nec *Rhipicephalus annulatus decoloratus* Koch; Neumann proposed that *B. decoloratus* (Koch) is only a subspecies of *B. annulatus* (Say)1904: *Rhipicephalus argentinus* Neumann; Neumann, new rank1904: *Rhipicephalus annulatus calcaratus* (Birula); Neumann, new rank1905: Nec *Boophilus annulatus australis* (Fuller); Lahille, new combination1905: *B. calcaratus* (Birula); Lahille, new combination1905: *B. annulatus calcaratus* (Birula); Lahille proposed that *Ixodes calcaratus* Birula is only a subspecies of *B. annulatus* (Say)1905: *B. annulatus caudatus* (Neumann); Lahille, new combination1905: *B. caudatus* (Neumann); Lahille, new rank1905: Nec *B. annulatus decoloratus* (Koch); Lahille1907: *B. argentinus* (Neumann); Dönitz, new combination1907: *Margaropus annulatus* (Say); Neumann, new combination1908: Nec *Margaropus annulatus decoloratus* (Koch); Massey1909: Nec *Margaropus annulatus microplus* (Canestrin); Rohr1910: *Margaropus argentinus* (Neumann); Castellani & Chalmers, new combination1910: *Margaropus calcaratus* (Birula); Castellani & Chalmers, new rank1910: *Margaropus caudatus* (Neumann); Castellani & Chalmers, new combination1910: *Margaropus microphilus*; Castellani & Chalmers, as new species1910: *Margaropus annulatus calcaratus* (Birula); Newstead, new combination1911: *B. annulatus argentinus* (Neumann); Gedoelst1911: *Margaropus annulatus caudatus* (Neumann); Neumann1917: *B. decoloratus calcaratus* (Birula); Alessandrini erroneously ranked *B. calcaratus* as a subspecies of *B. decoloratus* (Koch)

- 1919: *Margaropus annulatus microphilus* Castellani & Chalmers; Castellani & Chalmers, new rank
 1922: *Rhipicephalus decoloratus calcaratus* (Birula); Velu
 1923: *Margaropus annulatus mexicanus*; García Valdez, as new species
 1934: *B. annulatus affinis*; Minning, as new subspecies
 1934: *B. calcaratus palestinensis*; Minning, as new subspecies
 1934: *B. calcaratus balcanicus*; Minning, as new subspecies
 1934: *B. congolensis*; Minning, as new species
 1934: *B. intraoculatus*; Minning, as new species
 1934: *B. schulzei*; Minning, as new species
 1935: *B. balcanicus* Minning; Minning, new rank
 1935: *B. calcaratus hispanicus*; Minning, as new subspecies
 1936: *B. calcaratus persicus*; Minning, as new subspecies
 1939: *Uroboophilus caudatus* (Neumann); Kishida, new combination
 1939: *Boophilus palestinensis* Minning; Kishida, new rank
 1939: *Boophilus persicus* Minning; Kishida, new rank
 1956: *B. microplus annulatus* (Say); Floch erroneously proposed the denomination of *B. annulatus* (Say) as only a subspecies of *B. microplus* (Canestrini)
 1984: *B. annulatus* (Say); Kolonin listed some synonymies of the species
 1984: *B. annulatus* (Say); Keirans
 1992: *B. annulatus* (Say); Keirans

Boophilus annulatus affinis Minning, 1934

Z. Parasitenk., 7(1)

See notes under the item *Boophilus annulatus*

Boophilus annulatus argentinus (Neumann, 1901)

Mém. Soc. Zool. Fr., 14 (2-3)

See notes under the item *Boophilus annulatus*

Boophilus annulatus australis (Fuller, 1899)

Agric. J. Cape G.H., 14 (6)

See notes under the item *Boophilus microplus*.

Boophilus annulatus calcaratus (Birula, 1894)

Trudy Imp. St. Peterb. Obshch. Estest., 24(2)

See notes under the item *Boophilus annulatus*

Boophilus annulatus caudatus (Neumann, 1897)

Mém. Soc. Zool. Fr., 10 (3-4)

See notes under the item *Boophilus annulatus*

Boophilus annulatus decoloratus (Koch, 1844)

Arch. Naturgesch., 10 (1)

See notes under the item *Boophilus decoloratus*

Boophilus annulatus microplus (Canestrini, 1888)

Atti Soc. Veneto-Trent. Sci. Nat. Padova, 11(1)

See notes under the item *Boophilus microplus*

Boophilus australis (Fuller, 1899)

Agric. J. Cape G.H., 14 (6)

See notes under the item *Boophilus microplus*. Keirans (1984) stated that some specimens at Nuttall's Collection determined as *B. australis* are either *B. decoloratus* (Koch) or *B. geigy* Aeschlimann & Morel. None of these records seem to have been published, following observations of Keirans.

Boophilus balcanicus Minning, 1934
Z. Parasitenk., 8 (3)
See notes under the item *Boophilus annulatus*

Boophilus calcaratus (Birula, 1894)
Trudy Imp. St. Peterb. Obsch. Estest, 24(2)
See notes under the item *Boophilus annulatus*

Boophilus calcaratus balcanicus Minning, 1934
Z. Parasitenk., 7 (1)
See notes under the item *Boophilus annulatus*

Boophilus calcaratus hispanicus Minning, 1935
Z. Parasitenk., 7 (6)
See notes under the item *Boophilus annulatus*

Boophilus calcaratus palestinensis Minning, 1934
Z. Parasitenk., 7 (1)
See notes under the item *Boophilus annulatus*

Boophilus calcaratus persicus Minning, 1936
Z. Parasitenk., 8 (3)
See notes under the item *Boophilus annulatus*

Boophilus capensis Massey, 1908
J. Trop. Med. Hyg., 11 (5)
Lapsus por *Rhipicephalus capensis* Koch?

Boophilus caudatus (Neumann, 1897)
Mém. Soc. Zool. Fr., 10 (3-4)
See notes under the item *Boophilus annulatus*

Boophilus congolensis Minning, 1934
Z. Parasitenk., 7 (1)
See notes under the item *Boophilus annulatus*

Boophilus cyclops Minning, 1934
Z. Parasitenk., 7 (1)
See notes under the item *Boophilus microplus*

Boophilus decoloratus (Koch, 1844)
Arch. Naturgesch., 10 (1)
1844: *Rhipicephalus decoloratus*; Koch, original description
1901: *Rhipicephalus annulatus decoloratus* Koch; Neumann proposed that *B. decoloratus* (Koch) is only a subspecies of *B. annulatus* (Say)
1901: *B. decoloratus* (Koch); Stiles, new combination
1905: *B. annulatus decoloratus* (Koch); Lahille follows the proposal of Neumann
1907: *Margaropus decoloratus* (Koch); Hunter & Hooker, new combination

- 1908: *Margaropus annulatus decoloratus* (Koch); Massey
 1910: *B. decoloratus calcitrans*; Theiler, as new subspecies
 1917: Nec *B. decoloratus calcaratus* (Birula); Alessandrini erroneously proposed *B. calcaratus* (Birula) as a subspecies of *B. decoloratus* (Koch). See notes under the item *Boophilus annulatus*
 1922: Nec *Rhipicephalus decoloratus calcaratus* (Birula); Velu. See notes under the item *B. annulatus* (Say)
 1939: *Palpoboophilus decoloratus* (Koch); Kishida, new combination
 1949: *B. decoloratus* (Koch); Theiler
 1951: *B. decoloratus* (Koch); Santos Dias
 1956: *B. decoloratus* (Koch); Hoogstraal
 1958: *B. decoloratus* (Koch); Morel
 1958: *B. decoloratus* (Koch); Zumpt
 1966: *B. decoloratus* (Koch); Elbl & Anastos
 1967: *B. decoloratus* (Koch); Yeoman & Walker
 1962: *B. decoloratus* (Koch); Theiler
 1969: *B. decoloratus* (Koch); Morel
 1974: *B. decoloratus* (Koch); Walker
 1976: *B. decoloratus* (Koch); Pegram
 1984: *B. decoloratus* (Koch); Kolonin
 1992: *B. decoloratus* (Koch); keirans

Boophilus decoloratus calcaratus (Birula, 1894)

Trudy Imp. St.Peterb. Obshch. Estest, 24(2)
 See notes under the item *Boophilus annulatus*

Boophilus decoloratus calcitrans Theiler, 1910

Transv. Agric. J., 8 (30)
 See notes under the item *Boophilus decoloratus*

Boophilus distans Minning, 1934

Z. Parasitenk., 7 (1)
 See notes under the item *Boophilus microplus*

Boophilus fallax Minning, 1934

Z. Parasitenk., 7 (1)
 See notes under the item *Boophilus microplus*

Boophilus geigy Aeschlimann & Morel, 1965

Acta Trop. 22 (2)
 1965: *Boophilus geigy*; Aeschlimann & Morel, original description
 1967: *B. geigy* Aeschlimann & Morel; Aeschlimann
 1969: *B. geigy* Aeschlimann & Morel; Morel
 1970: *B. geigy* Aeschlimann & Morel; Lamontellerie
 1979: *B. geigy* Aeschlimann & Morel; Hoogstraal
 1984: *B. geigy* Aeschlimann & Morel; Kolonin
 1992: *B. geigy* Aeschlimann & Morel. Keirans

Boophilus haemaphysaloides (Supino, 1897)

Atti. Soc. Ven.-Trent. Sci. Nat. Padova, 3 (1)
 See notes under the item *Rhipicephalus haemaphysaloides*

Boophilus intraoculatus Minning, 1936

Z. Parasitenk., 8 (3)

See notes under the item *Boophilus annulatus*

Boophilus kohlsi Hoogstraal & Kaiser, 1960

J. Parasit., 46 (4)

1960: *Boophilus kohlsi*; Hoogstraal & Kaiser, original description

1979: *B. kohlsi* Hoogstraal & Kaiser; Hoogstraal

1984: *B. kohlsi* Hoogstraal & Kaiser; Kolonin

1992: *B. kohlsi* Hoogstraal & Kaiser; Keirans

Boophilus krijgsmani Minning, 1934

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Boophilus longiscutatus Minning, 1934

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Boophilus margaropus annulatus (Say, 1821)

J. Acad. Sci. Nat. Phila., v. 2

See notes under the item *Boophilus annulatus*

Boophilus microplus (Canestrini, 1888)

Atti Soc. Veneto-Trent. Sci. Nat. Padova, 11(1)

1888: *Haemaphysalis micropla*; Canestrini, original description

1899: *Rhipicephalus australis*; Fuller, as new species

1890: *Rhipicephalus microplus* (Canestrini); Canestrini, new combination

1901: *Rhipicephalus annulatus microplus* (Canestrini); Neumann proposed that *B. microplus* (Canestrini) is only a subspecies of *B. annulatus* (Say)

1901: *Rhipicephalus annulatus australis* Fuller; Neumann, new rank

1901: *B. australis* (Fuller); Stiles & Hasall

1905: *B. microplus* (Canestrini); Lahille, new combination

1905: *B. annulatus microplus* (Canestrini); Lahille also proposed that *B. microplus* is not more than a subspecies of *B. annulatus* (Say)

1907: *Margaropus australis* (Fuller); Manson, new combination

1907: *Margaropus microplus* (Canestrini); Hunter & Hooker, new combination

1909: *Margaropus annulatus microplus* (Canestrini); Rohr

1910: *Margaropus annulatus australis* (Fuller); Newstead, new rank

1934: *B. cyclops*; Minning, as new species

1934: *B. distans*; Minning, as new species

1934: *B. fallax*; Minning, as new species

1934: *B. krijgsmani*; Minning, as new species

1934: *B. longiscutatus*; Minning, as new species

1934: *B. rotundiscutatus*; Minning, as new species

1934: *B. sharifi*; Minning, as new species

1934: *B. sinensis*; Minning, as new species

1936: *Uroboophilus indicus*; Minning, as new species

1936: *Uroboophilus occidentalis*; Minning, as new species

1936: *B. minningi*; Kishida, as new species

1939: *Uroboophilus australis* (Fuller); Kishida, new combination

- 1939: *Uroboophilus cyclops* (Minning); Kishida, new combination
 1939: *Uroboophilus distans* (Minning); Kishida, new combination
 1939: *Uroboophilus fallax* (Minning); Kishida, new combination
 1939: *Uroboophilus microplus* (Canestrini); Kishida, new combination
 1939: *Uroboophilus krijgsmani* (Minning); Kishida, new combination
 1939: *Uroboophilus longiscutatus* (Minning); Kishida, new combination
 1939: *Palpoboophilus minningi* (Kishida); Kishida, new combination
 1939: *Uroboophilus rotundiscutatus* (Minning); Kishida, new combination
 1939: *Uroboophilus sharifi* (Minning); Kishida, new combination
 1939: *Uroboophilus sinensis* (Minning); Kishida, new combination
 1939: *Palpoboophilus brachyuris*; Kishida, as new species
 1956: Nec *B. microplus annulatus* (Say); Floch erroneously proposed the denomination of *B. annulatus* (Say) as a subspecies of *B. microplus* (Canestrini)
 1984: *B. microplus* (Canestrini); Kolonin
 1984: *B. microplus* (Canestrini); Keirans
 1992: *B. microplus* (Canestrini); Keirans

Boophilus microplus annulatus (Say, 1821)
 Atti Soc. Veneto-Trent. Sci. Nat. Padova, 11(1)
 See notes under the item *Boophilus annulatus*

Boophilus minningi Kishida, 1936
 Lansania, 7 (69)
 See notes under the item *Boophilus microplus*

Boophilus palestinensis Minning, 1934
 Z. Parasitenk., 7 (1)
 See notes under the item *Boophilus annulatus*

Boophilus persicus Minning, 1936
 Z. Parasitenk., 8 (3)
 See notes under the item *Boophilus annulatus*

Boophilus ricinus (Linnaeus, 1758)
 Systema Naturae, 1
 See notes under the item *Ixodes ricinus*

Boophilus rotundiscutatus Minning, 1934
 Z. Parasitenk., 7 (1)
 See notes under the item *Boophilus microplus*

Boophilus schulzei Minning, 1934
 Z. Parasitenk., 7 (1)
 See notes under the item *Boophilus annulatus*

Boophilus sharifi Minning, 1934
 Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Boophilus sinensis Minning, 1934

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Boophilus winthemi (Karsch, 1879)

Mitt. Münch. Ent. Ver., 3

See notes under the item *Margaropus winthemi*

GENUS HYALOMMA KOCH, 1844

Hyalomma aegypticum Jaschke, 1933

Z. Parasitenk., 5

lapsus for *Hyalomma aegyptium*?

Hyalomma aegyptium (Linnaeus, 1758)

Systema Naturae

1758: *Acarus aegyptius*; Linnaeus, original description

1762: *Acarus testudinis*; Hasselquist, as new species

1787: *Acarus hispanus*; Fabricius, as new species

1804: *Cynorhaestes aegyptius* (Linnaeus); Hermann, new combination

1804: *Ixodes hispanus* (Fabricius); Latreille, new combination

1804: *Ixodes aegyptius* (Linnaeus); Latreille, new combination

1827: *Ixodes fabricii*; Audouin, as new species

1844: *Hyalomma aegyptium* (Linnaeus); Koch, new combination

1844: *Hyalomma fabricii* (Audouin); Koch, new combination

1844: *Hyalomma hispanus* (Fabricius); Koch, new combination

1844: *Hyalomma syriacum*; Koch, as new species

1857: *Ixodes hispanus*; Kolenati, as new species

1857: *Ixodes cornuger* Kolenati, as new species

1876: *Ixodes africanus*; Megnin, as new species

1877: *Hyalomma cornuger* (Kolenati); Murray, new combination

1878: *Hyalomma dentatum*; Canestrini & Fanzago, as new species

1879: *Ophiodes gracilentus*; Murray, as new species

1879: *Hyalomma hispanicum*; Murray, lapsus for *H. hispanum* Koch?

1880: *Ixodes algeriensis*; Megnin, as new species

1890: *Hyalomma algeriense* (Megnin); Canestrini, new combination

1899: *Hyalomma affine*; Neumann, as new species

1899: *Hyalomma utriculus*; Berlese, as new species

1901: Nec *Hyalomma aegyptium lusitanicum* Koch; Neumann. See notes under the item *Hyalomma lusitanicum*

1901: Nec *Hyalomma aegyptium dromedarii* Koch; Neumann. Feldman-Muhsam (1954) mentioned that these specimens are *Hyalomma anatolicum anatolicum*. However, Delpy (1937) and Nagar (1962) stated that these specimens are *Hyalomma dromedarii* Koch

1901: Nec *Hyalomma aegyptium impressum* Koch; Neumann. See notes under the item *Hyalomma impressum*

1913: The "*H. aegyptium*" life cycle studies reported by Nuttall on material from Algeria refer to *H. marginatum*, according to Hoogstraal, 1956

1919: Nec *Hyalomma aegyptium albiparmatum* Schulze. See notes under the item *Hyalomma albiparmatum*

1919: Nec *Hyalomma aegyptium impressum rufipes* Koch; Schulze. See notes under the item *Hyalomma rufipes*

1919: Nec *Hyalomma aegyptium impressum transiens* Schulze. See notes under the item *Hyalomma truncatum*

1919: Nec *Hyalomma aegyptium impressum typica* Schulze. See notes under the item *Hyalomma rufipes*

1919: *Hyalomma syriacum punctata* and *H. s. typica*; Schulze described two subspecies of *H. syriacum* Koch, that he recognizes as a valid one

1919: Nec *Hyalomma aegyptium exacavata* (Koch); Schulze. See notes under the item *Hyalomma anatolicum excavatum*

1919: Nec *Hyalomma aegyptium brunnipes* Schulze. See notes under the item *Hyalomma marginatum marginatum*

1919: Nec *Hyalomma aegyptium marginatum* Koch; Schulze. See notes under the item *Hyalomma marginatum marginatum*

1919: Nec *Hyalomma aegyptium mesopotamium* Schulze. See notes under the item *Hyalomma anatolicum excavatum*

1919: Nec *Hyalomma aegyptium rufipes* Koch; Schulze. See notes under the item *Hyalomma rufipes*

1922: Nec *Hyalomma aegyptium margaropoides* Senevet. See notes under the item *Hyalomma anatolicum excavatum*

1924: Nec *Hyalomma aegyptium marginatum fucosa* Chodziesner. See notes under the item *Hyalomma anatolicum excavatum*

1928: Nec *Hyalomma aegyptium ferozedeni* Sharif. See notes under the item *Hyalomma detritum*

1928: Nec *Hyalomma aegyptium isaaci* Sharif. See notes under the item *Hyalomma marginatum isaaci*

1930: *Hyalomma marginatum hispanus* (Fabricius); Schulze & Schlotke, new rank

1940: *Hyalomma aegyptium syriacum* Koch; Oswald proposed that *H. syriacum* Koch is only a subspecies of *H. aegyptium* (Linnaeus)

1954: *H. aegyptium* (Linnaeus); Anastos

1964: *H. aegyptium* (Linnaeus); Balashov

1984: *H. aegyptium* (Linnaeus); Kolonin

1992: *H. aegyptium* (Linnaeus); Keirans

Hyalomma aegyptium albiparmatum Schulze, 1919
Sber. Ges. Naturf. Freunde Berl., 5

See notes under the item *Hyalomma albiparmatum*

Hyalomma aegyptium brunnipes Schulze, 1919
Sber. Ges. Naturf. Freunde Berl., 5

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma aegyptium dromedarii Koch, 1844
Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma dromedarii*

Hyalomma aegyptium excavatum Koch, 1844
Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma anatolicum excavatum*

- Hyalomma aegyptium ferozedini*** Sharif, 1928
 Rec. Indian Mus., 30 (3)
 See notes under the item *Hyalomma detritum*
- Hyalomma aegyptium impressum*** Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma impressum*
- Hyalomma aegyptium impressum rufipes*** Koch,
 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma rufipes*
- Hyalomma aegyptium impressum transiens***
 Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma truncatum*
- Hyalomma aegyptium isaaci*** Sharif, 1928
 Rec. Indian. Mus., 30 (3)
 See notes under the item *Hyalomma marginatum isaaci*
- Hyalomma aegyptium lusitanicum*** Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma lusitanicum*
- Hyalomma aegyptium margaropoides*** Senevet, 1922
 Arch. Inst. Pasteur Afr. N., 2 (3)
 See notes under the item *Hyalomma dromedarii*
- Hyalomma aegyptium marginatum*** Koch, 1844
 Arch. naturgesch., 10 (1)
 See notes under the item *Hyalomma marginatum marginatum*
- Hyalomma aegyptium marginatum fucosa***
 Chodziesner, 1924
 Zool. Jb., Abt. System., 47 (4-6)
 See notes under the item *Hyalomma anatolicum excavatum*
- Hyalomma aegyptium mesopotamium*** Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma anatolicum excavatum*
- Hyalomma aegyptium punctata*** Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma aegyptium*
- Hyalomma aegyptium rufipes*** Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma rufipes*
- Hyalomma aegyptium syriacum*** Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma aegyptium*
- Hyalomma aequipunctatum*** Olenov, 1931
 Z. Parasitenk., 4 (1)
 See notes under the item *Hyalomma rufipes*

Hyalomma affine Neumann, 1899

Mém. Soc. Zool. Fr., 12

See notes under the item *Hyalomma aegyptium****Hyalomma africanus*** (Méglin, 1876)

Bull. Soc. Centr. Méd. Vét., 30 (10)

See notes under the item *Hyalomma aegyptium****Hyalomma albiparmatum*** Schulze, 1919

Sber. Ges. Naturf. Freunde Berl., 5

1919: *Hyalomma aegyptium albiparmatum*; Schulze, original description1930: *H. aegyptium albiparmatum* Schulze; Bequaert1930: *Hyalomma impressum albiparmatum* Schulze; Schulze & Schlottko, new rank1930: *Hyalomma impressum brunneiparmatum*; Schulze & Schlottko, as new subspecies1930: *Hyalomma albiparmatum* Schulze; Oudemans, new rank1940: *Hyalomma planum albiparmatum* Schulze; Kratz, new rank1949: *H. marginatum* Koch; Delpy erroneously considered *H. impressum albiparmatum* to be a synonym of *H. marginatum*1954: *H. truncatum* Koch; Feldman-Muhsam erroneously synonymized *H. albiparmatum* under *H. truncatum*1955: *H. albiparmatum* Schulze; Walker1956: *H. brunneiparmatum* Schulze & Schlottko; Hoogstraal, new rank for *H. impressum brunneiparmatum*, as valid species1983: *H. albiparmatum* Schulze; Kolonin1992: *H. albiparmatum* Schulze; Keirans***Hyalomma algeriensis*** (Méglin, 1880)

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See notes under the item *Hyalomma aegyptium****Hyalomma amurense*** Schulze in Olenov, 1931

Pred. Faune USSR

See notes under the item *Hyalomma dromedarii****Hyalomma anatolicum anatolicum*** Koch, 1844

Arch. Naturgesch., 10 (1)

It is hard to trace up the name *Hyalomma a. anatolicum* before the paper by Hoogstraal and Kaiser (1959). Prior to this date, both subspecific names were confused. Hoogstraal itself (1956) erroneously synonymized several species under the name *Hyalomma excavatum* Koch. Before 1959, all the western literature concerning *Hyalomma a. anatolicum* was reported under the denomination *H. a. excavatum* and vice versa. Some other species were added to the list of synonymies by Feldman-Muhsam and Delpy (see below). Thus, this list is not exhaustive, and some specific names may be absent. On the other hand it is very difficult to know if specimens reported as *H. a. anatolicum* are this species without examination of collections.

1844: *Hyalomma anatolicum*; Koch, original description1847: *Hyalomma anatolicum* Koch; Koch1919: *H. a. anatolicum* Koch; Schulze, new rank1919: *Hyalomma pusillum*; Schulze, as new species

- 1919: *Hyalomma pusillum alexandrinum*; Schulze, as new subspecies
 1919: *Hyalomma savignyi mesopotamium*; Schulze, as new subspecies
 1919: *Hyalomma depressum*; Schulze, as new species
 1924: *Hyalomma pusillum ornatipes*; Chodziesner, as new subspecies
 1930: *H. lusitanicum depressum* Schulze; Schulze, new rank
 1930: *Hyalomma savignyi armeniorum*; Schulze & Schlotke, as new subspecies
 1930: *Hyalomma savignyi exsul*; Schulze & Schlotke, as new subspecies
 1930: *Hyalomma lusitanicum depressum* Schulze; Schulze & Schlotke, new rank for *H. depressum*
 1931: *Hyalomma tunesiaceum turkmeniense*; Olenev, as new subspecies. See also notes under the item *Hyalomma m. marginatum*
 1935: *Hyalomma somalicum*; Tonelli-Rondelli, as new species
 1940: *H. excavatum* Koch; Kratz
 1940: *H. savignyi* (Gervais); Kratz confused some specimens of *H. marginatum* (reported as *H. savignyi*) with *H. a. anaticum*
 1940: *H. tunesiaceum* Schulze & Schlotke; Kratz (see previous paragraph)
 1940: *H. tunesiaceum turkmeniense* Olenev; Kratz, new rank
 1946: *H. excavatum* Koch; Delpy
 1946: *H. a. anaticum* Koch; Pomerantzev
 1946: *Hyalomma savignyi typica*; Rousselot, as new subspecies
 1949: *H. kumari* Sharif; Delpy erroneously synonymized *H. kumari* under *H. a. anaticum*
 1950: *H. a. anaticum* Koch; Pomerantzev
 1954: *H. excavatum* Koch; Feldman-Muhsam
 1956: *H. anaticum* Koch; Serdyukova
 1956: *H. excavatum* Koch; Tendeiro
 1956: *H. excavatum* Koch; Hoogstraal
 1956: *H. lusitanicum* Koch; Hoogstraal erroneously synonymized *H. lusitanicum* and its subspecies under *H. a. anaticum* (reported as *H. excavatum*). *H. lusitanicum* was resurrected by Hoogstraal and Kaiser (1959)
 1956: *H. tunesiaceum franchinii* Tonelli-Rondelli; Hoogstraal synonymized *H. franchinii* under *H. a. anaticum* (reported as *H. excavatum*). *H. franchinii* was resurrected by Hoogstraal & Kaiser (1959)
 1956: *H. rhipicephaloides* Neumann; Hoogstraal synonymized this species under *H. excavatum* (= *H. a. anaticum*)
 1956: *H. kumari* Sharif; Hoogstraal followed the point of view by Delpy (1949)
 1959: *H. a. anaticum* Koch; Hoogstraal & Kaiser
 1983: *H. a. anaticum* Koch; Kolonin
 1992: *H. a. anaticum* Koch; Keirans

Hyalomma anaticum asiaticum Tselischev, 1950
 Izv. Akad. Nauk. Kazakh. SSR, s. parazit., 8
 See notes under the item *Hyalomma dromedarii*

Hyalomma anaticum excavatum Koch, 1844
 Arch. Naturgesch., 10 (1)

See also the introducing paragraph to the item *Hyalomma a. anatolicum*

1844: *Hyalomma excavatum*; Koch, original description

1949: Nec *Hyalomma anatolicum excavatum* Koch; Delpy erroneously synonymized *Hyalomma hussaini* Sharif and *H. brevipunctata* Sharif under this name

1983: *H. a. excavatum* Koch; Kolonin

1992: *H. a. excavatum* Koch; Keirans

Hyalomma anatolicum zavatarii Tonelli-Rondelli, 1935

Atti Soc. Ital. Sci. Nat., 74 (3)

See notes under the item *Hyalomma dromedarii*

Hyalomma arabica Pegram, Hoogstraal, & Wassef, 1982
J. Parasitol., 68(1): 150-156

1982: *Hyalomma arabica*; Pegram, Hoogstraal & Wassef, original description

1992: *H. arabica* Pegram, Hoogstraal & Wassef; Keirans

Hyalomma armeniorum Schulze & Schlottko, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma asiaticum Schulze & Schlottko, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

1930: *Hyalomma dromedarii asiaticum*; Schulze & Schlottko, original description

1931: Nec *Hyalomma asiaticum kozlovi*; Olenov, as new subspecies. See notes under the item *Hyalomma dromedarii*

1935: *Hyalomma asiaticum* Schulze & Schlottko; Schulze, new rank

1935: Nec *Hyalomma asiaticum citripes* Schulze. See notes under the item *Hyalomma dromedarii*

1940: Nec *Hyalomma asiaticum caucasicum*; Pomerantzev, Matikashvilli & Lototsky, as new subspecies. See notes under the item *Hyalomma dromedarii*

1950: Nec *Hyalomma anatolicum asiaticum* Tselishchev. See notes under the item *Hyalomma dromedarii*

1983: *H. asiaticum* Schulze & Schlottko; Kolonin

1992: *H. asiaticum* Schulze & Schlottko; Keirans

Hyalomma asiaticum caucasicum Pomerantzev, Matikashvilli & Lototsky, 1940

Parazit. Sborn. Zool. Inst. Akad. Nauk SSSR, 7

See notes under the item *Hyalomma dromedarii*

Hyalomma asiaticum citripes Schulze, 1935

Wiss. Ergbn. Niederl. Exped. Karakorum, 1

See notes under the item *Hyalomma dromedarii*

Hyalomma asiaticum kozlovi Olenov, 1931

Parazit. Sborn. Zool. Muz. Akad. Nauk, 2

See notes under the item *Hyalomma dromedarii*

Hyalomma brevipunctata Sharif, 1928

Rec. Indian Mus., 30 (3)

1928: *Hyalomma hussaini brevipunctata*; Sharif, original description

1938: *H. hussaini brevipunctata* Sharif; Sharif

1949: *H. anatolicum excavatum* Koch; Delpy erroneously synonymized *H. brevipunctata* under this name

1954: *H. hussaini* Sharif; Santos Dias erroneously synonymized *H. brevipunctata* under this name

1957: *H. hussaini brevipunctata* Shraif; Feldman-Muhsam (as species inquirendae)

1963: *Hyalomma brevipunctata* Sharif; Nagar, new rank

1964: *H. brevipunctata* Sharif; Kaiser & Hoogstraal

1983: *H. brevipunctata* Sharif; Kolonin

1992: *H. brevipunctata* Sharif; Keirans

Hyalomma brumpti Delpy, 1946

Arch. Inst. Hessarek, 2 (21)

See notes under the item *Hyalomma impeltatum*

Hyalomma brunneiparmatum Schulze & Schlottko, 1930

Sber. Abh. Naturf. Ges. Rostock, 3(2)

See notes under the item *Hyalomma albiparmatum*

Hyalomma cornuger (Kolenati, 1857)

Bull. Soc. Imp. Nat. Moscou, 30(2)

See notes under the item *Hyalomma aegyptium*

Hyalomma crassitarsus (Karsch, 1880)

Mitt. Münch. Ent. Ver., 4

See notes under the item *Amblyomma longirostre*

Hyalomma cypriacum Schulze & Schlottko, 1930

Sber. Abh. Naturf. Ges. Rostock, 3(2)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma dardanicum Schulze & Schlottko, 1930

Sber. Abh. Naturf. Ges. Rostock, 3(2)

See notes under the item *Hyalomma detritum*

Hyalomma delpyi Schulze & Gossel in Schulze, 1936

Zool. Anz., 114 (7-8)

See notes under the item *Hyalomma dromedarii*

Hyalomma dentatum Canestrini & Fanzago, 1878

Atti. R. Inst. Veneto Sc. Lett ed Arti, 4(1)

See notes under the item *Hyalomma aegyptium*

Hyalomma depressum Schulze, 1919

Sber. Ges. Naturf. Freunde Berl., 5

See notes under the item *Hyalomma a. anatolicum*

Hyalomma detritum Schulze, 1919

Sber. Ges. Naturf. Freunde Berl., 5

1918: *Hyalomma scupense*; Schulze named the species without description

1919: *Hyalomma detritum*; Schulze, original description

1919: *Hyalomma detritum albipictum*; Schulze, as new subspecies

- 1922: *Hyalomma mauritanicum*; Senevet, as new species
 1922: *Hyalomma mauritanicum annulatum*; Senevet, as new subspecies
 1923: *H. detritum annulatum* Senevet; Schulze, new combination
 1928: *H. aegyptium ferozedini*; Sharif, as new subspecies
 1930: *Hyalomma detritum damascenium*; Schulze & Schlottke, as new subspecies
 1930: *Hyalomma detritum dardanicum*; Schulze & Schlottke, as new subspecies
 1930: *Hyalomma uralense*; Schulze & Schlottke, as new species
 1930: *Hyalomma detritum pavlovskyi*; Schulze & Schlottke, as new subspecies
 1930: *Hyalomma sharifi*; Schulze & Schlottke, as new species
 1930: *Hyalomma volgense*; Schulze & Schlottke, as new species
 1930: *H. detritum mauritanicum* Senevet; Schulze
 1930: *Hyalomma detritum rubrum*; Schulze & Olenov, as new species
 1930: *H. detritum albipictum* Schulze; Schulze
 1930: *Hyalomma detritum perstrigatum*; Schulze, as new species
 1931: *Hyalomma verae*; Olenov, as new species
 1931: *H. pavlovskyi* Schulze & Schlottke; Olenov, new rank
 1934: *Hyalomma transcaasicum*. Olenov, as new species
 1934: *H. detritum perstrigatum* Schulze; Olenov
 1935: *H. volgense* Schulze & Schlottke; Galuzo
 1936: *Hyalomma steineri*; Schulze & Gossel in Schulze, as new species
 1936: *Hyalomma steineri codinai*; Schulze & Gossel in Schulze, as new subspecies
 1938: *H. mauritanicum* Senevet; Desportes
 1940: *H. detritum mauritanicum* Senevet; Kratz
 1940: *H. steineri steineri* Schulze & Goseel; Kratz
 1940: *H. tunesiaceum pavlovkyi* Schulze & Schlottke; Kratz, new combination
 1940: *H. sharifi* Schulze & Schlottke; Kratz
 1946: *H. dardanicum* Schulze & Schlottke; Kaplan, new rank
 1946: *H. detritum scupense* Schulze; Delpy, new rank
 1947: *H. scupense* Schulze; Pavlov
 1947: *H. detritum dardanicum* Schulze & Schlottke; Pavlov
 1947: *H. detritum dardanicum* Schulze & Schlottke; Pandazis
 1950: Nec *H. sharifi isaaci* Sharif; Schulze ranked the species described by Sharif as *Hyalomma aegyptium isaaci* to a subspecies of *H. sharifi*. *H. sharifi* is a synonym of *H. detritum*, but *H. sharifi isaaci* is actually *H. marginatum isaaci*
 1950: *H. scupense* Schulze; Pomerantzev
 1951: Nec *H. detritum* Schulze; Rageau. Specimens referred to this species from Cameroon, were later determined by Rageau himself as *H. truncatum*. See Hoogstraal (1956) for notes.
 1956: *H. detritum* Schulze; Hoogstraal gives a list of synonymies and considered *H. scupense* as a "biological race" of *H. detritum*
 1962: Nec *H. detritum* Schulze; Nagar erroneously synonymized *H. marginatum isaaci* under this name
 1964: *H. scupense detritum* Schulze; Feider stated that the name *H. scupense* has priority over *H. detritum*, but without notice on synonymies

1973: *H. detritum* Schulze; Beron
 1983: *H. scupense* Schulze; Kolonin
 1992: *H. detritum* Schulze; Keirans

Hyalomma detritum albipictum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma detritum*

Hyalomma detritum annulatum Senevet, 1922
 Arch. Inst. Pasteur Afr. N., 2 (3)
 See notes under the item *Hyalomma detritum*

Hyalomma detritum damascenium Schulze &
 Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostock, 3(2)
 See notes under the item *Hyalomma detritum*

Hyalomma detritum dardanicum Schulze &
 Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostock, 3(2)
 See notes under the item *Hyalomma detritum*

Hyalomma detritum mauritanicum Senevet, 1922
 Arch. Inst. Pasteur Afr. N., 2 (3)
 See notes under the item *Hyalomma detritum*

Hyalomma detritum pavlovskyi Schulze &
 Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostock, 2
 See notes under the item *Hyalomma detritum*

Hyalomma detritum perstrigatum Schulze, 1930
 Z. Parasitenk., 3 (1)
 See notes under the item *Hyalomma detritum*

Hyalomma detritum rubrum Schulze & Olenev, 1930
 Z. Parasitenk., 3 (1)
 See notes under the item *Hyalomma detritum*

Hyalomma detritum savignyi (Gervais, 1844)
 Histoire Naturelle des Insectes, v. 3
 See notes under the item *Hyalomma marginatum marginatum*

Hyalomma detritum scupense Schulze, 1918
 Sber. Ges. Naturf. Freunde Berl., 1-2
 See notes under the item *Hyalomma detritum*

Hyalomma devium Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Amblyomma sylvaticum*

Hyalomma dromedarii Koch, 1844
 Arch. Naturgesch., 10 (1)
 According to Hoogstraal (1956) "numerous early literature references to *H. aegyptium* apply in whole or part to *H. dromedarii*, but without study of individual author's material it is impossible to state the exact species"
 1844: *Hyalomma dromedarii*; Koch, original description

- 1901: *H. aegyptium dromedarii* Koch; Neumann, new combination
 1922: *Hyalomma aegyptium margaropoides*; Senevet, as new subspecies
 1930: *Hyalomma dromedarii canariensis*; Schulze & Schlottke, as new subspecies
 1930: Nec *Hyalomma dromedarii asiaticum*; Schulze & Schlottke. This is a valid species (as *H. asiaticum*, see Keirans, 1992). Other subspecies (see below) are considered as synonymies of *H. dromedarii*
 1931: *Hyalomma yakimovi*; Olenev, as new species
 1931: *Hyalomma yakimovi persiacum*; Olenev, as new subspecies
 1931: *Hyalomma kozlovi*; Olenev, as new species
 1931: *Hyalomma amurense*; Schulze, as new species (This synonym is provided by Hoogstraal (1956), but Delpy (1949) attributed *H. amurense* to *H. anatolicum excavatum*)
 1932: *Hyalomma tunesiaceum ganorai*; Tonelli-Rondelli, as new subspecies
 1932: *H. yakimovi* Olenev; Pospelova-Shtrom
 1935: *Hyalomma anatolicum zavatarii*; Tonelli-Rondelli, as new subspecies
 1935: *Hyalomma asiaticum citripes*; Schulze, as new species
 1936: *H. dromedarii citripes* Schulze; Delpy
 1936: *Hyalomma delpyi*; Schulze, as new species
 1937: *H. dromedarii* Koch; Delpy
 1937: See notes under *Hyalomma leptosoma* and *H. dromedarii leptosoma*
 1938: *H. aegyptium dromedarii* Koch; Sharif
 1940: *Hyalomma asiaticum caucasicum*; Pomerantzev, Matikashvilli & Lototsky, as new subspecies
 1940: *H. dromedarii dromedarii*; Kratz
 1940: *H. tunesiaceum amurense* Schulze; Kratz, new rank
 1940: *H. dromedarii citripes* Schulze; Kratz, new rank
 1940: *Hyalomma anatolicum zavatarii* Tonelli-Rondelli; Kratz
 1944: Nec *H. dromedarii indosinensis* Toumanoff. See notes under the item *Hyalomma marginatum*
 1946: *H. asiaticum kozlovi* Olenev; Pomerantzev, new rank
 1962: *H. dromedarii* Koch; Nagar
 1984: *H. dromedarii* Koch; Kolonin
 1992: *H. dromedarii* Koch; Keirans

Hyalomma dromedarii asiaticum Schulze & Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostok, 2
 See notes under the item *Hyalomma dromedarii*

Hyalomma dromedarii canariensis Schulze & Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostok, 2
 See notes under the item *Hyalomma dromedarii*

Hyalomma dromedarii citripes Schulze, 1935
 Wiss. Ergebn. Niederl. Exped. Karakorum, 1
 See notes under the item *Hyalomma dromedarii*

Hyalomma dromedarii impressum Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma impressum*

Hyalomma dromedarii indosinensis Toumanoff, 1944

Les Tiques d'Indochine

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma dromedarii leptosoma Schulze, 1937

Z. Morphol., 32 (2)

"The *Hyalomma dromedarii leptosoma* attributed to Schulze by Kratz (1940) ... represents weak, poorly developed individuals of *H. dromedarii* Koch, *H. anatolicum excavatum* Koch, or *H. impeltatum* Schulze & Schlottke; it is most likely the last-named species" (Hoogstraal, 1956)

Hyalomma erythraeum Tonelli-Rondelli, 1932

Atti Soc. Ital. Sci. Nat., 71 (2)

See notes under the item *Hyalomma impeltatum*

Hyalomma excavatum Koch, 1844

Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma anatolicum excavatum*

Hyalomma excavatum lusitanicum Koch, 1844

Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma lusitanicum*

Hyalomma fabricii (Audouin, 1827)

Descripton de l'Egypte

See notes under the item *Hyalomma aegyptium*

Hyalomma fezzanensis Tonelli-Rondelli, 1935

Atti Soc. Ital. Sci. Nat., 74 (3)

See notes under the item *Hyalomma impeltatum*

Hyalomma franchinii Tonelli-Rondelli, 1932

Atti Soc. Ital. Sci. Nat., 71 (2)

1932: *Hyalomma tunesiacum franchinii*; Tonelli-Rondelli, original description

1956: *H. excavatum* Koch; Hoogstraal erroneously synonymized *H. franchinii* under this name

1959: *H. franchinii* Tonelli-Rondelli; Hoogstraal & Kaiser, new rank

1983: *H. franchinii* Tonelli-Rondelli; Kolonin

1992: *H. franchinii* Tonelli-Rondelli; Keirans

Hyalomma glabrum Delpy, 1949

Ann. Parasit. Hum. Comp., 24 (1-2)

See notes under the item *Hyalomma marginatum turanicum*

Hyalomma grossum Koch, 1844

Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma rufipes*

Hyalomma hispanicum Murray, 1897

Medical Entomology

See notes under the item *Hyalomma aegyptium*

Hyalomma hispanum Koch, 1844

Arch. Naturgesch., 10(1)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma hispanus (Fabricius, 1787)

Mantissa Insectorum

See notes under the item *Hyalomma aegyptium*

Hyalomma hussaini Sharif, 1928

Rec. Indian Mus., 30 (3)

1928: *Hyalomma hussaini*; Sharif, original description

1938: *H. hussaini* Sharif; Sharif

1954: Nec *H. hussaini* Sharif; Santos Dias erroneously synonymized *Hyalomma brevipunctata* Sharif under *H. hussaini*

1956: *H. hussaini* Sharif; Hoogstraal

1957: *H. hussaini* Sharif; Feldman-Muhsam

1964: *H. hussaini* Sharif; Kaiser & Hoogstraal

1992: *H. hussaini* Sharif; Keirans

Hyalomma hussaini brevipunctata Sharif, 1928

Rec. Indian Mus., 30 (3)

See notes under the item *Hyalomma brevipunctata*

Hyalomma iberum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma impeltatum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

1930: *Hyalomma savignyi impeltatum*; Schulze & Schlottke, original description

1932: *Hyalomma erythraeum*; Tonelli-Rondelli, as new species

1935: *Hyalomma fezzanensis*; Tonelli-Rondelli, as new species

1940: *Hyalomma impeltatum* Schulze & Schlottke; Kratz, new rank

1946: *Hyalomma brumpti*; Delpy, as new species

1956: *H. impeltatum* Schulze & Schlottke; Hoogstraal

1958: *H. impeltatum* Schulze & Schlottke; Morel

1960: *H. impeltatum* Schulze & Schlottke; Feldman-Muhsam

1967: *H. impeltatum* Schulze & Schlottke; Aeschlimann

1967: *H. impeltatum* Schulze & Schlottke; Yeoman & Walker

1968: *H. erythraeum* Tonelli-Rondelli; Kaiser & Hoogstraal

1983: *H. impeltatum* Schulze & Schlottke; Kolonin

1992: *H. impeltatum* Schulze & Schlottke; Keirans

Hyalomma impressum Koch, 1844

Arch. Naturgesch., 10 (1)

1844: *Hyalomma impressum*; Koch, original description

1901: *Hyalomma aegyptium impressum* Koch; Neumann, new rank

1919: *Hyalomma aegyptium impressum* Koch; Schulze

1919: Nec *H. impressum transiens*. Schulze, as new rank of *H. a. impressum transiens*. See notes under the item *Hyalomma truncatum*

1929: *H. aegyptium impressum* Koch; Bedford

1930: Nec *Hyalomma impressum albiparmatum* Schulze; Schulze & Schlottke. See notes under the item *Hyalomma albiparmatum*

1930: Nec *Hyalomma impressum luteipes* Schulze & Schlottke.

See notes under the item *Hyalomma truncatum*

1930: *H. impressum impressum* Koch; Schulze & Schlottke

1931: *H. aegyptium impressum* Koch; Colas-Belcocur

- 1932: *H. aegyptium impressum* Koch; Bedford
 1938: *H. dromedarii impressum* Koch; Neveu-Lemaire, new rank
 1946: *Hyalomma savignyi intermedia*. Rousselot, as new subspecies
 1946: Nec *H. impressum* Koch; Adler & Feldman-Muhsam. Mistaken identity of *H. rufipes* (see Feldman-Muhsam, 1954)
 1946: Nec *H. impressum* Koch; Delpy. Mistaken identity of *H. rufipes* (see Delpy, 1949)
 1953: *H. aegyptium impressum* Koch; Pozo Lora
 1956: *H. impressum* Koch; Hoogstraal
 1967: *H. impressum* Koch; Aeschlimann
 1970: *H. impressum* Koch; Camicas
 1979: *H. impressum* Koch; Hoogstraal
 1983: *H. impressum* Koch; Kolonin
 1992: *H. impressum* Koch; Keirans

Hyalomma impressum albiparmatum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma albiparmatum*

Hyalomma impressum bruneiparmatum Schulze & Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostock, 3(2)
 See notes under the item *Hyalomma albiparmatum*

Hyalomma impressum luteipes Schulze & Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostock, 2
 See notes under the item *Hyalomma truncatum*

Hyalomma impressum nitidum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma truncatum*

Hyalomma impressum rufipes Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma rufipes*

Hyalomma impressum transiens Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma truncatum*

Hyalomma impresum nitidum brevipes Schulze & Schlottke, 1930
 Sber. Abh. Naturf. Ges. Rostock, 3(2)
 See notes under the item *Hyalomma truncatum*

Hyalomma isaaci Sharif, 1928
 Rec. Indian Mus., 30 (3)
 See notes under the item *Hyalomma marginatum isaaci*

Hyalomma kozlovi Olenev, 1931
 Parazit. Sbron. Zool. Muz. Akad. Nauk, 2
 See notes under the item *Hyalomma dromedarii*

Hyalomma kumari Sharif, 1928
 Rec. Indian Mus., 30 (3)
 1928: *Hyalomma kumari*; Sharif, original description

- 1938: *H. kumari* Sharif; Sen
 1940: *H. kumari* Sharif; Kratz
 1957: *H. kumari* Sharif; Feldman-Muhsam
 1964: *H. kumari* Sharif; Kaiser & Hoogstraal
 1980: *H. kumari* Sharif; Hoogstraal & Valdez
 1983: *H. kumari* Sharif; Kolonin
 1992: *H. kumari* Sharif; Keirans

***Hyalomma leptosoma* Schulze, 1937**

Z. Morphol., 32 (3)

"The *Hyalomma dromedarii leptosoma* attributed to Schulze by Kratz (1940) ... represents weak, poorly developed individuals of *H. dromedarii* Koch, *H. anatolicum excavatum* Koch, or *H. impeltatum* Schulze & Schlottker; it is most likely the last-named species" (Hoogstraal, 1956)

***Hyalomma lewisi* Schulze, 1936**

Zool. Anz., 116 (9-10)

See notes under the item *Hyalomma truncatum*

***Hyalomma longirostre* (Koch, 1844)**

Arch. Naturgesch., 10 (1)

See notes under the item *Amblyomma longirostre*

***Hyalomma lusitanicum* Koch, 1844**

Arch. Naturgesch., 10 (1)

1844: *Hyalomma lusitanicum*; Koch, original description

1901: *H. aegyptium lusitanicum* Koch; Neumann, new rank

1920: *Hyalomma lusitanicum berberum*; Senevet, as new subspecies

1928: *Hyalomma lusitanicum algericum*; Senevet, as new subspecies

1930: *Hyalomma lusitanicum cicatricosum*; Schulze & Schlottker, as new subspecies

1930: Nec *Hyalomma lusitanicum depressum* Schulze; Schulze & Schlottker, new rank for *H. depressum*. See notes under the item *Hyalomma a. anatolicum*

1940: *H. lusitanicum lusitanicum* Koch; Kratz

1940: *H. l. algericum* Senevet; Kratz

1949: *H. excavatum* Koch; Delpy proposed that *H. lusitanicum* and its subspecies are a synonym of *H. excavatum*

1954: *H. excavatum* Koch; Feldman-Muhsam follows the species concept of Delpy

1955: *H. excavatum lusitanicum* Koch; Stoker & Marmion, new rank

1956: Nec *H. lusitanicum* Koch; Hoogstraal. These specimens are *H. a. anatolicum* Koch

1956: *H. lusitanicum* Koch; Tendeiro

1959: *H. lusitanicum* Koch; Hoogstraal & Kaiser

1962: *H. lusitanicum* Koch; Feldman-Muhsam

1992: *H. lusitanicum* Koch; Keirans

***Hyalomma lusitanicum algericum* Senevet, 1928**

Arch. Inst. Pasteur Algérie, 6

See notes under the item *Hyalomma lusitanicum*

***Hyalomma lusitanicum berberum* Senevet, 1920**

Arch. Inst. Pasteur Afr. N., 2 (3)

See notes under the item *Hyalomma lusitanicum*

Hyalomma lusitanicum cicatricosum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma lusitanicum*

Hyalomma lusitanicum depressum Schulze, 1919

Sber. Ges. Naturf. Freunde Berl., 5

See notes under the item *Hyalomma a. anatolicum*

Hyalomma marginatum annulipes Schulze & Schlottke, 1930

Sitzungsb. u. Abhandl. Naturf. Gesellsch. Rostock

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum bacuense Schulze in Olenev, 1931

Z. Parasitenk., 4 (1)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum balcanicum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 3(2)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum balcanicum brunnipes Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 3(2)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum brionicum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 3(2)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum caspium Schulze in Olenev, 1931

Z. Parasitenk., 4 (1)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum espanoli Gil Collado, 1936

Treballs Mus. Cienc. Nat. Barcelona, 11 (11)

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma marginatum impressum Koch, 1844

Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma rufipes*

Hyalomma marginatum isaaci Sharif, 1928

Rec. Indian Mus., 30 (3)

1928: *Hyalomma aegyptium isaaci*; Sharif, original description

1938: *H. aegyptium isaaci* Sharif; Sen

1940: *H. isaaci* Sharif; Kratz

1947: *H. isaaci* Sharif; Santos Dias

- 1950: *H. sharifi isaaci* Sharif; Schulze, new rank, as subspecies of *H. sharifi* Schulze & Schlottke. But *H. sharifi* is a synonym of *H. detritum* Schulze
 1960: *H. marginatum isaaci* Sharif; Kaiser & Hoogstraal, new rank
 1962: *H. detritum* Schulze; Nagar erroneously synonymised *H. m. isaaci* under *H. detritum*
 1983: *H. marginatum isaaci* Sharif; Kolonin
 1992: *H. marginatum isaaci* Sharif; Keirans

***Hyalomma marginatum marginatum* Koch, 1844**

Arch. Naturgesch., 10 (1)

- 1795: *Acarus plumbeus*; Panzer, name without description
 1844: *Hyalomma marginatum*; Koch, original description
 1844: *Hyalomma hispanum*; Koch, as new species
 1844: *Ixodes savignyi*; Gervais, as new species
 1888: Nec *Hyalomma marginatum* Koch; Berlese erroneously synonymized *Hyalomma dentatum* Canestrini & Fanzago under this species. See notes under the item *Hyalomma aegyptium*
 1913: The "*H. aegyptium*" life cycle studies reported by Nuttall on material from Algeria refer to *H. marginatum*, according to Hoogstraal, 1956
 1919: *Hyalomma aegyptium brunnipes*; Schulze, as new subspecies
 1930: *H. savignyi* (Gervais); Schulze, new combination
 1930: *Hyalomma savignyi iberum*; Schulze & Schlottke, as new subspecies
 1930: *H. m. marginatum* Koch; Schulze & Schlottke, new rank
 1930: *Hyalomma marginatum annulipes*; Schulze & Schlottke, as new subspecies
 1930: *Hyalomma marginatum balcanicum*; Schulze & Schlottke, as new subspecies
 1930: *Hyalomma marginatum brionicum*; Schulze & Schlottke, as new species
 1930: *Hyalomma marginatum olenevi*; Schulze & Schlottke, as new subspecies
 1930: *Hyalomma marginatum balcanicum brunnipes* Schulze; Schulze & Schlottke, new rank
 1930: *Hyalomma cypricum*; Schulze & Schlottke, as new species
 1930: *Hyalomma tunesiaceum*; Schulze & Schlottke, as new species
 1930: Nec *H. tunesiaceum pavlovskyi* Schulze & Schlottke; See notes under the item *Hyalomma detritum*
 1931: Nec *H. tunesiaceum amurense* Schulze; See notes under the item *Hyalomma dromedarii*
 1931: *Hyalomma marginatum caspium*; Schulze, as new subspecies
 1931: *Hyalomma marginatum bacuense*; Schulze, as new subspecies
 1931: Nec *H. tunesiaceum turkmeniense* Olenov; See notes under the item *Hyalomma anatolicum anatolicum*
 1932: Nec *H. tunesiaceum franchinii* Tonelli-Rondelli; See notes under the item *Hyalomma franchinii*
 1932: Nec *H. tunesiaceum ganorai* Tonelli-Rondelli; See notes under the item *Hyalomma dromedarii*
 1935: *Hyalomma detritum savignyi* (Gervais); Pospelova-Shtrom, new rank

- 1936: *Hyalomma marginatum espanoli*; Gil-Collado, as new subspecies
 1938: *H. marginatum balcanicum* Schulze & Schlottke; Stella
 1940: Nec *Hyalomma marginatum* Koch; Kratz erroneously synonymized *Hyalomma dentatum* Canestrini & Fanzago under this species. See notes under the item *Hyalomma aegyptium*
 1940: *H. iberum* Schulze & Schlottke; Kratz, new rank
 1940: *H. marginatum balcanicum* Schulze & Schlottke; Kratz
 1940: *H. marginatum olenevi* Schulze & Schlottke; Kratz
 1940: *H. marginatum caspium* Schulze; Kratz
 1940: *H. marginatum bacuense* Schulze; Kratz
 1944: *H. anatolicum anatolicum* Koch; Galuzo, pro parte
 1944: *Hyalomma dromedarii indosinensis*; Toumanoff
 1947: *H. m. marginatum* Koch; Galuzo
 1948: Nec *H. savignyi* (Gervais); Tendeiro. Himself showed (1949) that these specimens are *H. truncatum*
 1948: Nec *H. marginatum* Koch; Delpy erroneously synonymized *Hyalomma impressum bruneiparmatum* Schulze & Schlottke under this name, but this is actually a synonym of *H. albiparmatum*, according to Hoogstraal (1956)
 1949: Nec *H. marginatum* Koch; Delpy erroneously synonymized *H. savignyi exsul* Schulze & Schlottke under *H. savignyi*, but it is actually *H. anatolicum anatolicum*.
 1950: *H. plumbeum plumbeum* (Panzer); Pomerantzev (as separate species)
 1951: *H. savignyi* (Gervais); Colas-Belcour & Rageau
 1954: *H. savignyi* (Gervais); Hoogstraal
 1956: *H. marginatum* Koch; Hoogstraal
 1958: *H. m. marginatum* Koch; Hoogstraal & Kaiser
 1960: *H. marginatum* Koch; Feldman-Muhsam
 1983: *H. m. marginatum* Koch; Kolonin
 1992: *H. m. marginatum* Koch; Keirans

***Hyalomma marginatum olenevi* Schulze & Schlottke, 1930**

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma marginatum marginatum*

***Hyalomma marginatum rufipes* Koch, 1844**

Arch. Naturgesch., 10 (1)

See notes under the item *Hyalomma rufipes*

***Hyalomma marginatum turanicum* Pomerantzev, 1946**

Opred. Faune SSSR, Zool.Inst. Akad. Nauk SSSR, 26

1946: *Hyalomma turanicum*; Pomerantzev, original description

1949: *Hyalomma rufipes glabrum*; Delpy, as new subspecies

1950: *Hyalomma plumbeum turanicum* Pomerantzev; Pomerantzev, new rank

1951: Nec *H. marginatum turanicum* Pomerantzev; Fonseca et al. listed "*Hyalomma rufipes glabrata*" Delpy from Portugal, but Theiler (cited by Hoogstraal, 1956) stated that it may be *H. m. marginatum*

1956: *Hyalomma glabrum* Delpy; Theiler, new rank

1956: *Hyalomma turanicum* Pomerantzev; Hoogstraal

1958: *H. marginatum turanicum* Pomerantzev; Hoogstraal & Kaiser

1980: *H. marginatum turanicum* Pomerantzev; Hoogstraal & Valdez

1983: *H. marginatum turanicum* Pomerantzev; Kolonin
 1992: *H. marginatum turanicum* Pomerantzev; Keirans

Hyalomma mauritanicum Senevet, 1922
 Arch. Inst. Pasteur Afr. N., 2 (3)
 See notes under the item *Hyalomma detritum*

Hyalomma mauritanicum annulatum Senevet, 1922
 Arch. Inst. Pasteur Afr. N., 2 (3)
 See notes under the item *Hyalomma detritum*

Hyalomma monstrosus Nuttall & Warburton, 1908
 Proc. Camb. Phil. Soc., 14 (4)
 See notes under the item *Nosomma monstrosus*

Hyalomma nitidum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma truncatum*

Hyalomma pavlovskyi Schulze & Schlottko, 1930
 Sber. Abh. Naturf. Ges. Rostock, 2
 See notes under the item *Hyalomma detritum*

Hyalomma planum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma truncatum*

Hyalomma planum albiparmatum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma albiparmatum*

Hyalomma plumbeum impressum Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma rufipes*

Hyalomma plumbeum plumbeum (Panzer, 1795)
 Fauna Ins. Germ. Initia, v. 8
 See notes under the item *Hyalomma marginatum marginatum*

Hyalomma plumbeum turanicum Pomerantzev, 1946
 Opred. Faune SSSR, Zool. Inst. Akad. Nauk SSSR, 26
 See notes under the item *Hyalomma marginatum turanicum*

Hyalomma punt Hoogstraal, Kaiser, & Pedersen, 1969
 Ann. Ent. Soc. Am., 62 (2)
 1969: *Hyalomma punt*; Hoogstraal, Kaiser & Pedersen, original
 description
 1976: *H. punt* Hoogstraal, Kaiser & Pedersen; Pegram
 1983: *H. punt* Hoogstraal, Kaiser & Pedersen; Kolonin
 1992: *H. punt* Hoogstraal, Kaiser & Pedersen; Keirans

Hyalomma pusillum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma pusillum alexandrinum Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma pusillum ornatipes Chodziesner, 1924
Zool. Jb. Abt. System., 47 (4-5)
See notes under the tem *Hyalomma anatolicum anatolicum*

Hyalomma puta Pickard-Cambridge, 1876
Proc. Zool. Soc. Lond., 17
See notes under the item *Ixodes uriae*

Hyalomma rhipicephaloides Neumann, 1901
Mém. Soc. Zool. Fr., 14 (2-3)
1901: *Hyalomma rhipicephaloides*; Neumann, original description
1924: *Rhipicephalus rhipicephaloides* (Neumann); Jacob, new combination
1940: *H. rhipicephaloides* Neumann; Kratz
1956: *H. anatolicum anatolicum* Koch; Hoogstraal erroneously synonymized *H. rhipicephaloides* under this name
1957: *H. rhipicephaloides* Neumann; Feldman-Muhsam
1967: *H. rhipicephaloides* Neumann; Hoogstraal, Kaiser & Ornsbee
1967: *H. rhipicephaloides* Neumann; Theodor & Costa
1983: *H. rhipicephaloides* Neumann; Kolonin
1992: *H. rhipicephaloides* Neumann; Keirans

Hyalomma rufipes Koch, 1844
Arch. Naturgesch., 10 (1)
1844: *Hyalomma rufipes*; Koch, original description
1844: *Hyalomma grossum*; Koch, as new species
1899: Nec *Hyalomma rufipes* Koch; Neumann proposed that *H. rufipes* Koch is a synonym of *H. aegyptium* (L.)
1900: *H. grossum* Koch; Pocock
1919: *Hyalomma aegyptium impressum rufipes* Koch; Schulze, new rank
1919: *Hyalomma aegyptium impressum typica*; Schulze, as new form
1930: *Hyalomma impressum rufipes* Koch; Schulze & Schlotzke, new rank
1930: *H. impressum impressum* Koch; Tonelli-Rondelli, pro parte (see Hoogstraal, 1956)
1930: *H. impressum rufipes* Koch; Tonelli-Rondelli
1931: *Hyalomma aequipunctatum*; Olenev, as new species
1932: *H. aegyptium* (Linnaeus); Daubney, pro parte (see Hoogstraal, 1956)
1940: *H. aequipunctatum* Olenev; Kratz
1940: *H. impressum* Koch; Pomerantzev, Matikashvilli & Lototsky, pro parte
1945: *H. savignyi impressa* Koch; Girard & Rousselot
1946: *H. marginatum impressum* Koch; Pomerantzev, pro parte
1949: *H. impressum rufipes* Koch; Unsworth
1949: Nec *Hyalomma rufipes glabrum*; Delpy, as new subspecies (see notes under the item *Hyalomma marginatum turanicum*)
1949: *H. aequipunctatum* Olenev; Delpy
1950: *H. plumbeum impressum*; Pomerantzev
1956: *H. rufipes* Koch; Hoogstraal
1957: *H. rufipes* Koch; Hoogstraal
1958: *H. rufipes* Koch; Santos Dias

1960: *Hyalomma marginatum rufipes* Koch; Hoogstraal & Kaiser, new rank

1966: *H. rufipes* Koch; Elbl & Anastos

1967: *H. rufipes* Koch; Yeoman & Walker

1983: *H. marginatum rufipes* Koch; Kolonin

1992: *H. rufipes* Koch; Keirans

Hyalomma rufipes glabrum Delpy, 1949

Ann. Parasit. Hum. Comp., 24 (1-2)

See notes under the item *Hyalomma marginatum turanicum*

Hyalomma savigny (Gervais, 1844)

Histoire Naturelle des Insectes, 3

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma savignyi armeniorum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma savignyi exsul Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma savignyi iberum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma marginatum marginatum*

Hyalomma savignyi impeltatum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma impeltatum*

Hyalomma savignyi impressa Rousselot, 1946

Ann. Parasit. Hum. Comp., 21 (3-4)

See notes under the item *Hyalomma rufipes*

Hyalomma savignyi intermedia Rousselot, 1946

Ann. Parasit. Hum. Comp., 21 (3-4)

See notes under the item *Hyalomma impressum*

Hyalomma savignyi mesopotamium Schulze, 1919

Sber. Ges. Naturf. Freunde Berl., 5

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma savignyi typica Rousselot, 1946

Ann. Parasit. Hum. Comp., 21 (3-4)

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma scupense Schulze, 1918

Sber. Ges. Naturf. Freunde Berl., 1-2

See notes under the item *Hyalomma detritum*

Hyalomma scupense detritum Schulze, 1919

Sber. Ges. Naturf. Freunde Berl., 5

See notes under the item *Hyalomma detritum*

Hyalomma schulzei Olenev, 1931
 Parazit. Sborn. Zool. Muz. Akad. Nauk., 2
 1931: *Hyalomma schulzei*; Olenev, original description
 1950: *H. schulzei* Olenev; Pomerantzev
 1948: *H. schulzei* Olenev; Adler & Feldman-Muhsam
 1958: *H. schulzei* Olenev; Hoogstraal & Kaiser
 1964: *H. schulzei* Olenev; Kaiser & Hoogstraal
 1983: *H. schulzei* Olenev; Kolonin
 1992: *H. schulzei* Olenev; Keirans

Hyalomma sharifi Schulze & Schlottko, 1930
 Sber. Abh. Naturf. Ges. Rostock, 2
 See notes under the item *Hyalomma detritum*

Hyalomma sharifi isaaci Sharif, 1928
 Rec. Indian Mus., 30 (3)
 See notes under the item *Hyalomma marginatum isaaci*

Hyalomma somalicum Tonnelli-Rondelli, 1935
 Atti Soc. Ital. Sci. Nat., 74 (3)
 See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma spinosum Rudow, 1870
 Z. Ges. Naturw., 1
 See notes under the item *Amblyomma spinosum*

Hyalomma steineri codinai Schulze & Gossel in
 Schulze, 1936
 Zool. Anz., 114 (7-8)
 See notes under the item *Hyalomma detritum*

Hyalomma steineri enigkianum Schulze, 1950
 Z. Parasitenk., 14 (6)
 "Probable connection with *Hyalomma scupense*" following
 Lamontellerie (1965), but this is a synonym of *Hyalomma
 detritum*

Hyalomma steineri steineri Schulze & Gossel in
 Schulze, 1936
 Zool. Anz., 114 (7-8)
 See notes under the item *Hyalomma detritum*

Hyalomma syriacum Koch, 1844
 Arch. Naturgesch., 10 (1)
 See notes under the item *Hyalomma aegyptium*

Hyalomma syriacum punctata Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma aegyptium*

Hyalomma syriacum typica Schulze, 1919
 Sber. Ges. Naturf. Freunde Berl., 5
 See notes under the item *Hyalomma aegyptium*

Hyalomma transcaucasicum Olenev, 1934
 Izv. Akad. Nauk SSSR, 2-3
 See notes under the item *Hyalomma detritum*

Hyalomma transiens Schulze, 1919
Sber. Ges. Naturf. Freunde Berl., 5
See notes under the item *Hyalomma truncatum*

Hyalomma truncatum Koch, 1844
Arch. Naturgesch., 10 (1)
1844: *Hyalomma truncatum*; Koch, original descripton
1919: *Hyalomma aegyptium impressum transiens*; Schulze, as new form
1924: *H. aegyptium impressum transiens* Schulze; Chodzeisner
1930: *Hyalomma impressum transiens* Schulze; Schulze & Schlottke, new rank
1930: *Hyalomma impressum nitidum*; Schulze & Schlottke, as new subspecies
1930: *Hyalomma impressum nitidum brevipes*; Schulze & Schlottke, as new form
1930: *Hyalomma planum*; Schulze & Schlottke, as new species
1930: *Hyalomma zambesianum*; Schulze & Schlottke, as new species
1930: *Hyalomma impressum luteipes*; Schulze & Schlottke, as new species
1936: *Hyalomma lewisi*; Schulze, as new species
1948: *H. savignyi* (Gervais); Tendeiro, pro parte
1949: *Hyalomma transiens* Schulze; Delpy, new rank
1951: *H. savignyi* (Gervais); Tendeiro, pro parte
1954: *H. transiens* Schulze; Rageau
1954: *H. truncatum* Koch; Feldman-Muhsam
1954: Nec *H. truncatum* Koch; Feldman-Muhsam stated that *H. impressum bruneiparmatum* is a synonym of *H. truncatum*, but it is currently recognized as a synonym of *H. albiparmatum*
1954: *H. transiens* Schulze; Theiler & Robinson
1954: *H. transiens* Schulze; Hoogstraal
1956: *H. truncatum* Koch. Hoogstraal
1967: *H. truncatum* Koch; Aeschlimann
1967: *H. truncatum* Koch; Yeoman & Walker
1976: *H. truncatum* Koch; Pegram
1983: *H. truncatum* Koch; Kolonin
1992: *H. truncatum* Koch; Keirans

Hyalomma tunesiaceum Schulze & Schlottke, 1930
Sber. Abh. Naturf. Ges. Rostock, 2
See notes under the item *Hyalomma marginatum marginatum*

Hyalomma tunesiaceum amurense Schulze in Olenev, 1931
Opred. Faune USSR
See notes under the item *Hyalomma dromedarii*

Hyalomma tunesiaceum franchinii Tonelli-Rondelli, 1932
Atti Soc. Ital. Sci. Nat., 71 (2)
See notes under the item *Hyalomma franchinii*

Hyalomma tunesiaceum ganorai Tonelli-Rondelli, 1932
Atti Soc. Ita. Sci. Nat., 71 (2)
See notes under the item *Hyalomma dromedarii*

Hyalomma tunesiacum pavlovskyi Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma detritum*

Hyalomma tunesiacum turkmeniense Olenev, 1931

Z. Parasitenk., 4 (1)

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma turanicum Pomerantzev, 1946

Opred. Faune SSSR Zool. Inst. Akad. Nauk SSSR, 26

See notes under the item *Hyalomma marginatum turanicum*

Hyalomma turkestanica Kheisen, 1967

Zool. Zhurnal, 46 (11)

Lapsus for *Hyalomma turkmeniense*?

Hyalomma turkmeniense Olenev, 1931

Z. Parasitenk., 4 (1)

See notes under the item *Hyalomma anatolicum anatolicum*

Hyalomma uralense Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma detritum*

Hyalomma utriculus Berlese, 1889

AttiSo. Ven.-Trent.Sc.Nat. Padova, 10(2)

See notes under the item *Hyalomma aegyptium*

Hyalomma varani Rudow, 1870

Z. Ges. Naturw., 1

See notes under the item *Amblyomma varani*

Hyalomma verae Olenev, 1931

Parazit. Sborn. Zool. Mus. Akad. Nauk, 2

See notes under the item *Hyalomma detritum*

Hyalomma volgense Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma detritum*

Hyalomma yakimovi Olenev, 1931

Z. Parasitenk., 4 (1)

See notes under the item *Hyalomma dromedarii*

Hyalomma yakimovi persiacum Olenev, 1931

Z. Parasitenk., 4 (1)

See notes under the item *Hyalomma dromedarii*

Hyalomma zambesianum Schulze & Schlottke, 1930

Sber. Abh. Naturf. Ges. Rostock, 2

See notes under the item *Hyalomma truncatum*

GENUS MARGAROPUS KARSCH, 1879

Margaropus annulatus (Say, 1821)

J. Acad. Sci. Nat. Phila., v. 2

See notes under the item *Boophilus annulatus*

Margaropus annulatus australis (Fuller, 1899)
Agric. J. Cape G.H., 14 (6)

See notes under the item *Boophilus microplus*

Margaropus annulatus calcaratus (Birula, 1894)
Trudy Imp. St.Peterb. Obshch. Estest, 24(2)

See notes under the item *Boophilus annulatus*

Margaropus annulatus caudatus (Neumann, 1897)
Mém. Soc. Zool. Fr., 10 (3-4)

See notes under the item *Boophilus annulatus*

Margaropus annulatus decoloratus (Koch, 1844)
Arch. Naturgesch., 10 (1)

See notes under the item *Boophilus decoloratus*

Margaropus annulatus mexicanus Macías Valádez,
1923

Mem. Soc. Cien. "Antonio Alzate", 41 (4)

See notes under the item *Boophilus annulatus*

Margaropus annulatus microphilus Castellani &
Chalmers, 1910

Manual of Tropical Medicine

See notes under the item *Boophilus annulatus*

Margaropus annulatus microplus (Canestrini,
1888)

Atti Soc. Veneto-Trent. Sci. Nat. Padova, 11(1)

See notes under the item *Boophilus microplus*

Margaropus argentinus (Neumann, 1901)
Mém. Soc. Zool. Fr., 14 (2-3)

See notes under the item *Boophilus annulatus*

Margaropus australis (Fuller, 1899)
Agric. J. Cape G.H., 14 (6)

See notes under the item *Boophilus microplus*

Margaropus calcaratus (Birula, 1894)
Trudy Imp. St.Peterb. Obshch. Estest, 24(2)

See notes under the item *Boophilus annulatus*

Margaropus caudatus (Neumann, 1897)
Mém. Soc. Zool. Fr., 10 (3-4)

See notes under the item *Boophilus annulatus*

Margaropus decoloratus (Koch, 1844)
Arch. Naturgesch., 10 (1)

See notes under the item *Boophilus decoloratus*

Margaropus lounsburyi Neumann, 1907
Arch. Parasit., 11 (2)

See notes under the item *Margaropus winthemi*

Margaropus microphilus Castellani & Chalmers, 1910

Manual of Tropical Medicine

See notes under the item *Boophilus annulatus*

Margaropus microplus (Canestrini, 1888)

Atti Soc. Veneto-Trent. Sci. Nat. Padova, 11(1)

See notes under the item *Boophilus microplus*

Margaropus phthirioides (Cooper & Robinson, 1907)

J. Linn. Soc. Lond., Zool., 30 (195)

See notes under the item *Margaropus winthemi*

Margaropus reidi Hoogstraal, 1956

African Ixodoidea, Vol. I, Washington, 1101 pp.

1956: *Margaropus reidi*; Hoogstraal, original description

1973: *M. reidi* Hoogstraal; Walker & Lawrence

1984: *M. reidi* Hoogstraal; Kolonin

1992: *M. reidi* Hoogstraal; Keirans

Margaropus wileyi Walker & Lawrence, 1973

Onderstepoort J. Vet. Res., 40 (1)

1973: *Margaropus wileyi*; Walker & Lawrence, original description

1984: *M. wileyi* Walker & Lawrence; Kolonin

1992: *M. wileyi* Walker & Lawrence; Keirans

Margaropus winthemi Karsch, 1879

Mitt. Münch. Ent. Ver., 3

1879: *Margaropus winthemi*; Karsch, original description

1907: *Margaropus lounsburyi*; Neumann, as new species

1907: *Margaropus phthirioides*; Cooper & Robinson, as new species

1928: *Boophilus winthemi* (Karsch); Jack

1956: *M. winthemi* Karsch; Hoogstraal

1958: *M. winthemi* Karsch; Theiler & Salisbury

1962: *M. winthemi* Karsch; Theiler

1973: *M. winthemi* Karsch; Walker & Lawrence

1984: *M. winthemi* Karsch; Kolonin

1992: *M. winthemi* Karsch; Keirans

GENUS PALPOBOOPHILUS MINNING, 1934

Palpoboophilus brachyuris Kishida, 1939

Zool. Mag., Tokyo, 51 (7)

See notes under the item *Boophilus microplus*

Palpoboophilus decoloratus (Koch, 1844)

Arch. Naturgesch., 10 (1)

See notes under the item *Boophilus decoloratus*

Palpoboophilus minningi (Kishida, 1936)

Lansania, 7 (69)

See notes under the item *Boophilus microplus*

**GENUS RHIPICENTOR NUTTALL & WARBURTON,
1908**

Rhipicentor bicornis Nuttall & Warburton, 1908

Proc. Camb. Phil. Soc., 14(4)

1908: *Rhipicentor bicornis*; Nuttall & Warburton, original description

1908: *Rhipicephalus gladiger*; Neumann, as new species

1924: *Rhipicentor gladiger* (Neumann); Jacob, new combination

1936: *Rhipicephalus bicornis* (Nuttall & Warburton); Brumpt, new combination

1984: *Rhipicentor bicornis* Nuttall & Warburton; Kolonin

1984: *Rhipicentor bicornis* Nuttall & Warburton; Keirans

1992: *Rhipicentor bicornis* Nuttall & Warburton; Keirans

Rhipicentor gladiger (Neumann, 1908)

Arch. Parasit., 12 (1)

See notes under the item *Rhipicentor bicornis*

Rhipicentor nuttalli Cooper & Robinson, 1908

Proc. Camb. Phil. Soc., 14(5)

1908: *Rhipicentor nuttalli*; Cooper & Robinson, original description

1908: *Rhipicentor vicinus*; Neumann, as new species

1984: *Rhipicentor nuttalli* Cooper & Robinson; Kolonin

1984: *Rhipicentor nuttalli* Cooper & Robinson; Keirans

1992: *Rhipicentor nuttalli* Cooper & Robinson; Keirans

Rhipicentor vicinus Neumann, 1908

Ann. Trans. Mus., 1

See notes under the item *Rhipicentor nuttalli*

GENUS UROBOOPHILUS MINNING, 1934

Uroboophilus australis (Fuller, 1899)

Agric. J. Cape G.H., 14 (6)

See notes under the item *Boophilus microplus*

Uroboophilus caudatus (Neumann, 1897)

Mém. Soc. Zool. Fr., 10 (3-4)

See notes under the item *Boophilus annulatus*

Uroboophilus cyclops (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Uroboophilus distans (Minning, 1934)

Z. Parasitenk., 7 (1)

See note under the item *Boophilus microplus*

Uroboophilus fallax (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Uroboophilus indicus Minning, 1936

Z. Parasitenk., 8 (3)

See notes under the item *Boophilus microplus*

Uroboophilus krijgsmani (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Uroboophilus longiscutatus (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Uroboophilus microplus (Canestrini, 1888)

Atti Soc. Veneto-Trent. Sci. Nat. Padova, 11(1)

See notes under the item *Boophilus microplus*

Uroboophilus occidentalis Minning, 1936

Z. Parasitenk., 8 (3)

See notes under the item *Boophilus microplus*

Uroboophilus rotundiscutatus (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Uroboophilus sharifi (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

Uroboophilus sinensis (Minning, 1934)

Z. Parasitenk., 7 (1)

See notes under the item *Boophilus microplus*

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