

Complete classification of species in the family Mantellidae.

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Glaw, F., Vences, M. (2006):

Phylogeny and genus-level classification of mantellid frogs (Amphibia, Anura).

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Family Mantellidae Laurent, 1946

Subfamily Boophinae Vences & Glaw, 2001

Genus *Boophis* Tschudi, 1838

Subgenus *Boophis* Tschudi, 1838

Boophis goudoti group: *B. (B.) axelmeyeri* Vences, Andreone & Vieites, 2005; *B. (B.) boehmei* Glaw & Vences, 1992; *B. (B.) brachychir* (Boettger, 1882); *B. (B.) burgeri* Glaw & Vences, 1994; *B. (B.) goudoti* Tschudi, 1838; *B. (B.) madagascariensis* (Peters, 1874); *B. (B.) periegetes* Cadle, 1995; *B. (B.) reticulatus* Blommers-Schlösser, 1979; *B. (B.) rufioculis* Glaw & Vences, 1997.

Boophis mandraka group: *B. (B.) liami* Vallan, Vences & Glaw, 2003; *B. (B.) mandraka* Blommers-Schlösser, 1979; *B. (B.) sambirano*, Vences & Glaw, 2005; *B. (B.) solomaso* Vallan, Vences & Glaw, 2003.

Boophis rappiodes group: *B. (B.) bottae* Vences & Glaw, 2002; *B. (B.) erythrodactylus* (Guibé, 1953); *B. (B.) rappiodes* (Ahl, 1928); *B. (B.) tasymena* Vences & Glaw, 2002; *B. (B.) viridis* Blommers-Schlösser, 1979.

Boophis microtympanum group: *B. (B.) laurenti* Guibé, 1947; *B. (B.) microtympanum* (Boettger, 1881); *B. (B.) rhodoscelis* (Boulenger, 1882); *B. (B.) williamsi* (Guibé, 1974).

Boophis majori group: *B. (B.) blommersae* Glaw & Vences, 1994; *B. (B.) feonnyala* Glaw, Vences, Andreone & Vallan, 2001; *B. (B.) haematopus* Glaw, Vences, Andreone & Vallan, 2001; *B. (B.) majori* (Boulenger, 1896); *B. (B.) marojezensis* Glaw & Vences, 1994; *B. (B.) miniatus* (Mocquard, 1902); *B. (B.) picturatus* Glaw, Vences, Andreone & Vallan, 2001; *B. (B.) pyrrhus* Glaw, Vences, Andreone & Vallan, 2001; *B. (B.) vittatus* Glaw, Vences, Andreone & Vallan, 2001.

Boophis albilabris group: *B. (B.) albilabris* (Boulenger, 1888); *B. (B.) occidentalis* Glaw & Vences, 1994.

Boophis luteus group: *B. (B.) andohahela* Andreone, Nincheri & Piazza, 1995; *B. (B.) andreonei* Glaw & Vences, 1994; *B. (B.) anjanaharibeensis* Andreone, 1996; *B. (B.) elenae* Andreone, 1993; *B. (B.) englaenderi* Glaw & Vences, 1994; *B. (B.) jaegeri* Glaw & Vences, 1992; *B. (B.) luteus* (Boulenger, 1882); *B. (B.) septentrionalis* Glaw & Vences, 1994.

Boophis albipunctatus group: *B. (B.) albipunctatus* Glaw & Thiesmeier, 1993; *B. (B.) ankaratra* Andreone, 1993; *B. (B.) sibilans* Glaw & Thiesmeier, 1993; *B. (B.) schuboeae* Glaw & Vences, 2002.

Subgenus *Sahona* subgen. n.

Boophis tephraeomystax group: *B. (S.) doulioti* (Angel, 1934); *B. (S.) guibei* (McCarthy, 1978); *B. (S.) hillenii* Blommers-Schlösser, 1979; *B. (S.) idae* (Steindachner, 1867); *B. (S.) lichenoides* Vallan, Glaw, Andreone & Cadle, 1998; *B. (S.) opisthodon* (Boulenger, 1888); *B. (S.) pauliani* (Guibé, 1953); *B. (S.) tephraeomystax* (Duméril, 1853); *B. (S.) xerophilus* Glaw & Vences, 1997.

Subfamily Laliostominae Vences & Glaw, 2001**Genus *Laliostoma* Glaw, Vences & Böhme, 1998**

Laliostoma labrosum (Cope, 1868).

Genus *Aglyptodactylus* Boulenger, 1919

Aglyptodactylus laticeps Glaw, Vences & Böhme, 1998; *A. madagascariensis* (Duméril, 1853); *A. securifer* Glaw, Vences & Böhme, 1998.

Subfamily Mantellinae Laurent, 1946**Genus *Mantella* Boulenger, 1882**

Mantella laevigata group: *M. laevigata* Methuen & Hewitt, 1913.

Mantella betsileo group: *M. betsileo* (Grandidier, 1872); *M. ebenau* (Boettger, 1880); *M. expectata* Busse & Böhme, 1992, *M. manery* Vences, Glaw & Böhme, 1999; *M. viridis* Pintak & Böhme, 1988.

Mantella bernhardi group: *M. bernhardi* Vences, Glaw, Peyrieras, Böhme & Busse, 1994.

Mantella cowani group: *M. baroni* Boulenger, 1888, *M. cowani* Boulenger, 1882, *M. haraldmeieri* Busse, 1981, *M. nigricans* Guibé, 1978.

Mantella madagascariensis group: *M. aurantiaca* Mocquard, 1900, *M. crocea* Pintak & Böhme, 1990; *M. madagascariensis* (Grandidier, 1872); *M. milotympanum* Staniszewski, 1996; *M. pulchra* Parker, 1925.

Genus *Wakea* gen. n.

Wakea madinika (Vences, Andreone, Glaw & Mattioli, 2002) comb. n.

Genus *Blommersia* Dubois, 1992

Blommersia blommersae (Guibé, 1975) comb. n.; *B. domerguei* (Guibé, 1974) comb. n.; *B. grandisonae* (Guibé, 1974) comb. n.; *B. kely* (Glaw & Vences, 1994) comb. n.; *B. sarotra* (Glaw & Vences, 2002) comb. n.; *B. wittei* (Guibé, 1974) comb. n.

Genus *Guibemantis* Dubois, 1992**Subgenus *Guibemantis* Dubois, 1992**

Guibemantis (Guibemantis) depressiceps (Boulenger, 1882) comb. n.; *G. (G.) kathrinae* (Glaw, Vences & Gossmann, 2000) comb. n.; *G. (G.) timidus* (Vences & Glaw, 2005) comb. n.; *G. (G.) tornieri* (Ahl, 1928) comb. n.

Subgenus *Pandanusicola* Glaw & Vences, 1994

Guibemantis (Pandanusicola) albolineatus (Blommers-Schlösser & Blanc, 1991) comb. n.; *G. (P.) bicalcaratus* (Boettger, 1913) comb. n.; *G. (P.) flavobrunneus* (Blommers-Schlösser, 1979) comb. n.; *G. (P.) liber* (Peracca, 1893) comb. n.; *G. (P.) pulcher* (Boulenger, 1882) comb. n.; *G. (P.) punctatus* (Blommers-Schlösser, 1979) comb. n.

Genus *Spinomantis* Dubois, 1992

Spinomantis aglavei (Methuen & Hewitt, 1913) comb. n.; *S. bertini* (Guibé, 1947) comb. n.; *S. brunae* (Andreone, Glaw, Vences & Vallan, 1998) comb. n.; *S. elegans* (Guibé, 1974) comb. n.; *S. fimbriatus* (Glaw & Vences, 1994) comb. n.; *S. guibei* (Blommers-Schlösser, 1991) comb. n.; *S. massorum* (Glaw & Vences, 1994) comb. n.; *S. microtis* (Guibé, 1974) comb. n.; *S. peraccae* (Boulenger, 1896) comb. n.; *S. phantasticus* (Glaw & Vences, 1997) comb. n.

Genus *Gephyromantis* Methuen, 1920**Subgenus *Duboimantis* subgen. n.**

Gephyromantis (Duboimantis) ambohitra (Vences & Glaw, 2001) comb. n.; *G. (D.) asper* (Boulenger, 1882) comb. n.; *G. (D.) cornutus* (Glaw & Vences, 1992) comb. n.; *G. (D.) granulatus* (Boettger, 1881) comb. n.; *G. (D.) leucomaculatus* (Guibé, 1975) comb. n.; *G. (D.) luteus* (Methuen & Hewitt, 1913) comb. n.; *G. (D.) moseri* (Glaw & Vences, 2002) comb. n.; *G. (D.) plicifer* (Boulenger, 1882) comb. n.; *G. (D.) redimitus* (Boulenger, 1889) comb. n.; *G. (D.) salegy* (Andreone, Aprea, Vences & Odierna, 2003) comb. n.; *G. (D.) schilfi* (Glaw & Vences, 2000) comb.

n.; *G. (D.) sculpturatus* (Ahl, 1929) comb. n.; *G. (D.) spinifer* (Blommers-Schlösser & Blanc, 1991) comb. n.; *G. (D.) tandroka* (Glaw & Vences, 2001) comb. n.; *G. (D.) tschenki* (Glaw & Vences, 2001) comb. n.; *G. (D.) zavona* (Vences, Andreone, Glaw & Randrianirina, 2003) comb. n.

Subgenus *Gephyromantis* Methuen, 1920

Gephyromantis (Gephyromantis) blanci Guibé, 1974 comb. n.; *G. (G.) boulengeri* Methuen, 1920 comb. n.; *G. (G.) decaryi* Angel, 1930 comb. n.; *G. (G.) eiselti* Guibé, 1975 comb. n.; *G. (G.) enki* (Glaw & Vences, 2002) comb. n.; *G. (G.) klemmeri* Guibé, 1974 comb. n.; *G. (G.) leucocephalus* Angel, 1930 comb. n.; *G. (G.) thelenae* (Glaw & Vences, 1994) comb. n.

Subgenus *Laurentomantis* Dubois, 1980

Gephyromantis (Laurentomantis) horridus (Boettger, 1880) comb. n.; *G. (L.) malagasius* (Methuen & Hewitt, 1913) comb. n.; *G. (L.) striatus* (Vences, Glaw, Andreone, Jesu & Schimmenti, 2002) comb. n.; *G. (L.) ventrimaculatus* (Angel, 1935) comb. n.

Subgenus *Phylacomantis* Glaw & Vences, 1994

Gephyromantis (Phylacomantis) corvus (Glaw & Vences, 1994) comb. n.; *G. (P.) pseudoasper* (Guibé, 1974) comb. n.

Subgenus *Vatomantis* subgen. n.

Gephyromantis (Vatomantis) rivicola (Vences, Glaw & Andreone, 1997) comb. n.; *G. (V.) silvanus* (Vences, Glaw & Andreone, 1997) comb. n.; *G. (V.) webbi* (Grandison, 1953) comb. n.

Genus *Boehmantis* gen. n.

Boehmantis microtympanum (Angel, 1935) comb. n.

Genus *Mantidactylus* Boulenger, 1895

Subgenus *Brygoomantis* Dubois, 1992

Mantidactylus (Brygoomantis) alutus (Peracca, 1893); *M. (B.) ambohitombi* Boulenger, 1919; *M. (B.) bellyi* Mocquard, 1895; *M. (B.) betsileanus* (Boulenger, 1882); *M. (B.) biporus* (Boulenger, 1889); *M. (B.) bourgati* Guibé, 1974; *M. (B.) curtus* (Boulenger, 1882); *M. (B.) madecassus* (Millot & Guibé, 1950); *M. (B.) pauliani* Guibé, 1974; *M. (B.) tricinctus* (Guibé, 1947); *M. (B.) ulcerosus* (Boettger, 1880).

Subgenus *Chonomantis* Glaw & Vences, 1994

Mantidactylus (Chonomantis) aerumnalis (Peracca, 1893); *M. (C.) albofrenatus* (Müller, 1892); *M. (C.) brevipalmatus* Ahl, 1929; *M. (C.) charlotteae* Vences & Glaw, 2004; *M. (C.) delormei* Angel, 1938; *M. (C.) melanopleura* (Mocquard, 1901); *M. (C.) opiparis* (Peracca, 1893); *M. (C.) zipperi* Vences & Glaw, 2004.

Subgenus *Hylobatrachus* Laurent, 1943

Mantidactylus (Hylobatrachus) cowanii (Boulenger, 1882); *M. (H.) lugubris* (Duméril, 1853).

Subgenus *Maitsomantis* subgen. n.

Mantidactylus (Maitsomantis) argenteus Methuen, 1920.

Subgenus *Mantidactylus* Boulenger, 1895

Mantidactylus (Mantidactylus) grandidieri Mocquard, 1895; *M. (M.) guttulatus* (Boulenger, 1881).

Subgenus *Ochthomantis* Glaw & Vences, 1994

Mantidactylus (Ochthomantis) ambreensis Mocquard, 1895; *M. (O.) femoralis* (Boulenger, 1882); *M. (O.) majori* Boulenger, 1896; *M. (O.) mocquardi* Angel, 1929; *M. (O.) zolitschka* Glaw & Vences, 2004.