

## INTRODUCTION:

Although a complete checklist of amphibians (Frost, 1985; Duellman, 1992) or snakes (Welch, 1988; Williams & Wallach, 1989) of the World already exist, there is no comprehensive list that includes Indonesian species in detail. A species list continues to expand and the changes are so drastically, that most scientists (especially those from the third world such as Indonesia, Malaysia, etc.) who have very little access to new information have much trouble in following the progress of their own regional fauna, especially, for amphibians. Most new species or new records appeared constantly although sporadically in a high number of scientific journals. Such information, which is very difficult to access, mainly due to a lack of budget available to access journals is the main source of confusion in scientific advancement. In order to give a short cut to the people from South East Asia, about the knowledge of their own species richness, we have published a checklist of changes in generic, familial names, species allocations for every Reptiles and Amphibians species from the Indo-Australian Archipelago (Iskandar, 1995). The changes involved in this area are so enormous after the work of van Kampen (1923), mainly due to the intensive work and fast progress in research activities in the neighbouring countries such as Malaysia, Thailand, Philippines, Papua New Guinea and Australia. As a result, practically 60% of scientific names in that book are not used anymore. The number of species for the region has increased about two folds during the last 75 years. Most readers realize the drastically changes, but they are getting further into deeper trouble in finding what is the identity of a certain species after a 75 years span in situation where very few information is available. Fortunately several books have been published in the last thirty years such as the monographs of Inger (1954; 1966), or book such Inger & Stuebing (1990, 1994), Berry (1967); Frost (1985), Duellman (1992); Manthey & Grossmann (1997), Alcalá and Brown (1998) and Iskandar (1998, 1999). Unfortunately such monographs or books are only dealing with a part of the region, so that comprehensive knowledge about the faunal composition and inter regional relationships is still lacking. In addition, some of them are very difficult to obtain in South East Asia and their price is out of reach. In order to fill this three-quarter century gap, we present here a checklist of all amphibians from Southeast Asia, with some annotations for nearly every genus. In total, this list contains essential information about all genera and species inhabiting Southeast Asia region with some extralimital records from China, India and Australia (794+ amphibians).

The numerous subgenera proposed by Dubois (1985, 1992) for the genus *Rana* and several others are not strictly followed because some of those subgenera have a lot of serious weaknesses. Some genera such as *Limnonectes*, *Ingerana* and *Leptomantis* are considered as valid, but most others deserve a thorough critical evaluation.

This checklist is not intended to be a systematic decision as such, but only a taxonomically listing or database in order to fill in the current knowledge of species. The list is not claimed to be complete, and many errors are unavoidable, because a large number of journals or most of the literatures are not available in Indonesia. We have not followed strictly the current taxonomical view. Some synonyms are listed as full species, because the current knowledge of the species indicates that it is a composite. About 50% of the information was obtained from secondary sources. Many new findings as well as very old records outside Indonesia might well being overlooked. We have provided a number of synonyms as complete as possible, but sometimes it is impossible to find every original names for those synonyms.

Type specimens have been included whenever possible. No attempt has been made to identify whether it is a holotype, syntype(s), neotype or lectotype. In cases where the holotype is missing, it may have been substituted by a paratype(s).

Notes within parenthesis refer to the related species above, notes without parenthesis refer to the whole genus.

Data are incomplete for Myanmar, Laos, Vietnam and Kampuchea.  
Borneo and New Guinea each means both parts of the island subsequently.

Names of several localities have been changed according to the present usages as follows:

Belitung = Billiton

Kalimantan = Indonesian part of Borneo

Papua = Irian Jaya = Indonesian part New Guinea

Sulawesi = Celebes

Seram = Ceram

Serui = Jobi = Japen

Nusa Tenggara = Lesser Sunda Islands

Maluku = Mollucas

West, East etc. signify provinces, western, eastern, northern signify part of the specific region.

The Class Amphibians is divided into three orders:

Anura, Gymnophiona and Caudata.

The amphibians are represented by 11 families, two of them are representatives of Gymnophiona and Caudata, one for each order as follows:

Bombinatoridae: 3 species

Bufoinae: 52 species

Lymnodynastidae: 4 species

Leptodactylidae:

Myobatrachinae: 4 species

Megophryidae: 55 species

Hylidae: 91 species

Hylinae: 3 species

Pelodyadinae: 88 species

Microhylidae: 206 species

Asterophyinae: 54 species

Discophinae: 5 species;

Genyophryinae: 94 species;

Microhyalinae: 53 species

Ranidae: 241 species

Raninae: 240 species

Tomopterninae: 1 species

Rhacophoridae: 112 species

Gymnophiona:

Ichthyophiidae: 25 species

Caudata:

Salamandridae: 3 species

This gives a total of 794 species known for the Southeast Asian region

### Abbreviations:

AMNH	American Museum of Natural History, New York
AM A	Australian Museum, Sydney
ANSP	Academy of Natural Sciences, Philadelphia
BMNH	(NHML) British Museum of Natural History, London, now Natural History Museum, London
BNHM	Bombay Natural History Museum, Bombay
BPBM	Bernice P. Bishop Museum, Honolulu, Hawaii
BSM	Bureau of Science, Manila (destroyed)
CAS-SU	California Academic of Science - Stanford University, San Francisco
CIB	Chengdu Institut of Biology, Chengdu, Sichuan
CM	Canergie Museum, Pittsburg
CUZM	Chulalongkorn University, Museum of Zoology, Bangkok, Thailand
EHT	Edward H. Taylor collection, now in FMNH and UIMNH
FMNH	(CNHM) Field Museum of Natural History, Chicago
FSM	Florida State Museum, Florida
IRSNB	Institut Royal des Science Naturelles de Belgique, Bruxelles
KU	Kansas University, Lawrence
KUZ	Kyoto University
KUHE	Graduate School of Human and Environmental Studies, Kyoto University, Kyoto
MCZ	Museum of Comparative Zoology, Harvard
MVZ	Museum of Vertebrate Zoology, University of California at Berkeley
MNH	Musei Nationalis Hungarici, Budapest
MNHN	Museum National d'Histoire Naturelle, Paris
MNCN	Museo Nacional de Ciencias Naturales, Madrid
MSGNG	Museo Civico di Storia Naturale di Genova, Geneve
MTKD	Staatliches Museum fur Tierkunde, Dresden (partly destroyed during world war II)
MZB	Museum Zoologicum Bogoriense, Bogor
NHMB	Naturhistorisches Museum, Basel
NHMT	National Science Museum of Thailand (previously, Thailand National Reference Collection);
NHMW	Naturhistorisches Museum, Wien

NHRM	Naturhistorika Rijkmuseet Section for Vertebrate Zoology, Stockholm.
NPIB	Northwestern Plateau Institute of Biology, Xining, Qinghai.
OMNH	Osaka Museum of Natural History, Osaka
PNM	Philippine National Museum, Manila,
QM	Queensland Museum, Brisbane
RMNH	(LNHM) Rijksmuseum van Natuurlijke Historie, Leiden, now Leiden Natuurlijke Historie Museum
ROM	Royal Ontario Museum, Ontario, Canada
SAMA	South Australian Museum, Adelaide
SMF	Forschungsinstitut und Natur-Museum, Senckenberg
SMK	Sarawak Museum, Kuching
SPM	Sabah Park Museum, Poring, Kinabalu
UIMNH	University of Illinois Museum, Chicago
UMKL	University of Malaya, Kuala Lumpur
UPNG	University of Papua New Guinea, Port Moresby
USNM	United States National Museum, Smithsonian Institution, Washington
WAM	Western Australian Museum, Perth
ZFMK	Zoologische Forschungsinstitut und Museum Konig, Bonn
ZIL/ZIP	Zoological Institute, St. Petersburg (Leningrad)
ZIUS	Universites Stockholm, Zoologiska Institutionen, Stockholm
ZIUU	Uppsala Universitet Zoologiska Museum, Uppsala
ZMA	Zoologisch Museum, Amsterdam
ZMB	Zoologische Museum, Universitat Humbolt, Berlin
ZMH	Zoologisches Institut, Universitat Hamburg
ZMUC	Zoological Museum, Univ. Kopenhagen
ZRC	Zoological Reference Collection, Singapore
ZSI	Zoological Survey of India, Calcuta

Other museums that only appear once are given in the text.

## PART I

### AMPHIBIA

#### ANURA

#### BOMBINATORIDAE

##### **Genus *Barbourula*** Taylor & Noble, 1926

A genus with two species

Type Species: *Barbourula busuangensis* Taylor & Noble, 1926 from Busuanga Island, Philippines

Generic range: Borneo, Palawan, Busuanga

##### *Barbourula busuangensis* Taylor & Noble, 1926

Type: MCZ 14004 from Busuanga Island

Range: Palawan, Busuanga

##### *Barbourula kalimantanensis* Iskandar, 1978

Type: MZB Amph. 2330 from Nanga Sayan, Nanga Pinoh, W. Borneo

Range: Melawi Basin, W. Borneo

##### **Genus *Bombina*** Oken, 1816

(*Bombinator* Merrem, 1820; *Bombitator* Wagler, 1830; *Glandula* (non Stimpson, 1852) Tian and Hu, 1985; *Grobina* Dubois, 1987 "1986")

A genus with six species

Type Species: *Rana bombina* Linnaeus, 1761 from "*Scania compestris fossis australibus*"

Generic range: Europe, Asia

##### *Bombina microdeladigitora* Liu, Hu & Yang, 1960

Type: CIB 583158 from Huang Tsiao Ling, Ching Tung, Yunnan, China

Range: China, N. Vietnam

(Note: Recent study (Ohler *et al.*, 2000) showed that the specimens from Vietnam, recorded as *Bombina maxima* is actually this species).

**LYMNODYNASTIDAE****Genus *Lechriodus*** Boulenger, 1882

(*Batrachopsis* (non *Batrachopsis* Fitzinger 1843) Boulenger, 1882 *Lechriodus* Boulenger, 1882)

A genus with four species

Type Species: *Asterophrys melanopyga* Doria, 1875 from Aru, Maluku, Indonesia

Generic range: New Guinea, Aru, Australia

***Lechriodus aganoposis*** Zweifel, 1972

Type: AMNH 75791 from Numbut, Mt. rawlison, Morobe, Papua New Guinea

Range: Papua, Papua New Guinea

***Lechriodus melanopyga*** (Doria, 1875)

(*Asterophrys melanopyga* Doria, 1875)

Type: MSNG 29736 from Wokam, Aru Island

Range: Aru, New Guinea

***Lechriodus platyceps*** Parker, 1940

Type: BMNH 76.7.18.6 from Arfak Mt, Papua

Range: Papua

**Genus *Limnodynastes*** Fitzinger, 1843

(*Wagleria* Girard, 1853; *Platyplectrum* Günther, 1863; *Platyplectron* Peters, 1863;

*Limnodynastes* Cope, 1865; *Heliorana* Steindachner, 1867; *Opisthodon* Steindachner, 1867;

*Ranaster* Macleay, 1878; *Phanerotis* Boulenger, 1890)

A genus with about 15 forms

Type Species: *Cystignathus peroni* Duméril & Bibron, 1843 from Nouvelle Hollande (=Australia)

Generic range: Australia, South New Guinea

***Limnodynastes convexiusculus*** (Macleay, 1877)

(*Ranaster convexiusculus* Macleay, 1877; *Phanerotis novaeguineae* van Kampen, 1905)

Type: lost from Katouw, Daru Papua New Guinea

Range: Australia, South New Guinea

## LEPTODACTYLIDAE

### MYOBATRACHIDAE

#### Genus *Crinia* Tschudi, 1838

(*Ranidella* Girard, 1853; *Camariolus* Peters, 1863; *Pterophrynus* Lütken, 1863; *Australocrinia* Heyer and Liem, 1976; *Littlejohnophryne* Wells and Wellington, 1985; *Tylerdella* Wells and Wellington, 1985)

A genus with 6 species

Type Species: *Crinia georgiana* Tschudi 1838 from Australia

Generic range: Australia, S. New Guinea

#### *Crinia remota* (Tyler & Parker, 1974)

(*Crinia signifera* Girard, 1853, part; *Ranidella remota* Tyler & Parker, 1974)

Type: SAMA R13524 from Morehead, Papua New Guinea

Range: South New Guinea, Queensland

Note: The genus *Ranidella* is variously recognized as valid.

#### Genus *Mixophyes* Guenther, 1864

A genus with 6 species

Type Species: *Mixophyes fasciolatus* Guenther, 1864 from New South Wales, Australia

Generic range: Australia, New Guinea

#### *Mixophyes hihiorlo* Donellan, Mahony & Davies, 1990

Type: AM R120828 from Namosado, Southern Highland, Papua New Guinea

Range: South New Guinea

#### Genus *Uperoleia* Gray, 1841

(*Hyperolia* Cope, 1865; *Glauertia* Loveridge, 1933; *Hosmeria* Wells and Wellington, 1985; *Prohartia* Wells and Wellington, 1985)

A genus with about 20 species

Type Species: *Uperoleia marmorata* Gray, 1841 from Western Australia

Generic range: Australia, New Guinea

#### *Uperoleia lithomoda* Tyler, Davies, Martin, 1981

Type: WAM R61620 from Spillway Bridge Kimberley, W. Australia

Range: Australia, South New Guinea



***Uperoleia mimula*** Davies, McDonald & Corben, 1986

Type: QM J45943 (formerly QNPWS N28874) from Lakefield Ranger Station  
Australia

Range: Cape York Peninsula, Torres Straits Islands, Morehead Region (New  
Guinea)

## MEGOPHRYIDAE

### Genus *Brachytarsophrys* Tian & Hu, 1983

A genus with four species

Type Species: *Leptobranchium carinense* Boulenger, 1889 from Karen Hill, Myanmar

Generic range: Myanmar, N. Thailand, Vietnam, China

#### *Brachytarsophrys carinensis* (Boulenger, 1889)

(*Leptobranchium carinense* Boulenger, 1889)

Type: MSNG 29689 from Karen Hill, Myanmar

Range: Myanmar, N. Thailand

#### *Brachytarsophrys feae* (Boulenger, 1887)

(*Megalophrys feae* Boulenger, 1887)

Type: MSNG 29763 from East of Bhamo, Kakhien Hill, Myanmar

Range: Myanmar, Vietnam

#### *Brachytarsophrys intermedia* (Smith, 1921)

(*Megalophrys intermedius* Smith, 1921)

Type: BMNH (M. Smith 2067, 2070, 2073-2076, 2080, 2083-86).

from Langbian Plateau, Vietnam

Range: Vietnam

### Genus *Leptobranchella* Smith, 1925

(*Nesobia* (non Ancy, 1887) van Kampen, 1923)

A genus with about 7 species

Type Species: *Leptobranchella mjobergi* Smith, 1925 from Mt. Gadin, Sarawak

Generic range: Natuna, Borneo and Sumatra

#### *Leptobranchella baluensis* Smith, 1931

Type: BMNH 1947.2.25.32 from Kamborangah, Mt. Kinabalu, Sabah

Range: N. Borneo

#### *Leptobranchella brevicrus* Dring, 1983

Type: BMNH 1978.34 from Mt. Mulu, Sarawak

Range: Borneo

#### *Leptobranchella mjobergi* Smith, 1925

Type: BMNH 1947.2.25.33 from Mt. Gadin, Sarawak

Range: Borneo

***Leptobrachium hasseltii*** Tschudi, 1838*(Leptobrachium Hasseltii* Tschudi, 1838)

Type: RMNH 2015 from Java

Range: Java?, Lampung.

***Leptobrachium hendricksoni*** Taylor, 1962

Type: FMNH 178259 from Bhetong, Yala, Thailand

Range: Thailand, Peninsular Malaysia, Borneo, Sumatra?

***Leptobrachium montanum*** Fischer, 1885

Type: BMNH 1947.2.25.6 from Pramassan Alai Mt., SE Borneo

Range: Borneo

***Leptobrachium nigrops*** Berry & Hendrickson, 1963

Type: FMNH 134719 from Singapore

Range: Peninsular Malaysia, N. Borneo

***Leptobrachium pullum*** (Smith, 1921)*(Megalophrys hasselti* var. *pullus* Smith, 1921)

Type: BMNH 1921.5.5.29-36 from Da lat, Lang Bian plateau, Lam Dong, S. Annam

Range: S. China, Myanmar, Thailand, Vietnam

***Leptobrachium smithi*** Matsui, Nabhitabhata & Panha, 1999

Type: NHMT-A 001 from Ton Nam Plu Waterfall, Khao Chong, Trang Province, Thailand

Range: Thailand

***Leptobrachium xanthospilum*** Lathrop, Murphy, Orlov & Ho 1998

Type: ROM 32181 from about 2 km Tram Lap, Gia Lia Province, Vietnam

Range: Gia Lia Province, Vietnam

Note: At least four undescribed species are found from Sumatra, Borneo and Java

Subgenus: *Vibrissaphora* Liu, 1945***Leptobrachium echinatum*** Dubois & Ohler, 1998

Type: MNHN 1998.0116 from Sa Pa, Lao Chai, Fan Si Pan Mts, N. Vietnam

Range: N. Vietnam

**Genus *Leptolalax*** Dubois, 1980

A genus with about sixteen species

Type Species: ***Leptobrachium gracilis*** Guenther, 1872 from Matang, Sarawak

Generic range: S. China, SE Asia, Thailand, Peninsular Malaysia, Borneo

***Leptobrachella natunae*** (Guenther, 1895)*(Leptobrachium natunae* Guenther, 1895)

Type: BMNH 1947.2.25.16 from Bunguran Besar, Natuna Island

Range: Natuna

***Leptobrachella palmata*** Inger & Stuebing, 1991

Type: FMNH 148293 from Nanga Tekali, Sarawak

Range: Sarawak

***Leptobrachella parva*** Dring, 1983

Type: BMNH 1978.1500 from Mt. Mulu, Sarawak

Range: Borneo

***Leptobrachella serasanae*** Dring, 1983

Type: BMNH 1947.2.25.16 from Serasan Island, Natuna Island

Range: Natuna, Sarawak

(Note: an undescribed species has been found from Sumatra)

**Genus *Leptobrachium*** Tschudi, 1838*(Septobrachium* Tschudi, 1838)

A genus with about a dozen species

Type Species: ***Leptobrachium Hasseltii*** Tschudi, 1838 from Java

Generic range: India, S. China, Vietnam, Myanmar, Laos, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Bali, Kangean

Subgenus: ***Leptobrachium*** Tschudi, 1838***Leptobrachium abbotti*** (Cohran, 1926)*(Megophrys abbotti* Cochran, 1926)

Type: USNM 39097 from Samarinda, Balikpapan Bay.

Range: Borneo; Philippines?

***Leptobrachium banae*** Lathrop, Murphy, Orlov & Ho 1998

Type: ROM 3220 from about 2 km east of a farming village, Gia Lia Province, Vietnam

Range: Vietnam

***Leptobrachium chapaense*** (Bourret, 1937)*(Megophrys hasseltii chapaensis* Bourret, 1937)

Type: MNHN 1948.0118 from Chapa (Sa Pa)

Range: China, India, Laos, Myanmar, Thailand, Vietnam

***Leptobrachium gunungense*** Malkmus, 1996*(Leptobrachium gunungensis* Malkmus, 1996)

Type: ZMB 53628 from Sungei Carson, Mt. Kinabalu

Range: Borneo

***Leptolalax arayai*** Matsui, 1997

Type: SPM 01804 from Kinabalu Park at Poring, Sabah

Range: Borneo

***Leptolalax bourreti*** Dubois, 1983

Type: MNHN 1938.94 from Chapa, Vietnam

Range: Vietnam

***Leptolalax dringi*** Dubois, 1986

Type: BMNH 1978.3 from Mt. Mulu, Sarawak

Range: Borneo

***Leptolalax gracilis*** (Guenther, 1872)*(Leptobranchium gracile* Guenther, 1872)

Type: BMNH from Matang, Sarawak

Range: Borneo, Peninsular Malaysia?

***Leptolalax hamidi*** Matsui, 1997

Type: KUHE 17546 from Engkari River, Lanjak, Sarawak

Range: Borneo

***Leptolalax heteropus*** (Boulenger, 1900)*(Leptobranchium heteropus* Boulenger, 1900)

Type: Selangor Museum from Larut Hill, Perak, Peninsular Malaysia

Range: Peninsular Malaysia

***Leptolalax maurus*** Inger, Lakim, Biun & Yambun, 1996

Type: SPM 2531 from Mesilau Station, Mt. Kinabalu, Sabah

Range: Sabah

***Leptolalax nahagensis*** Lathrop, Murphy, Orlov & Ho, 1999

Type: ROM 28715 from 7 km east of the village of Pac Ban

Na Hang Nature Reserve, Tuyen Quang Province, Vietnam

Range: Tuyen Quang Province, Vietnam

***Leptolalax pelodytoides*** (Boulenger, 1893)*(Leptobranchium pelodytoides* Boulenger, 1893; *Megophrys oshanense* Liu, 1950;*Leptobranchium minimum* Taylor, 1962)

Type: MSNG 29845 from Thao, Myanmar

Range: Myanmar, Thailand, Vietnam, Peninsular Malaysia, Kampuchea,

Laos, S. China

***Leptolalax pictus*** Malkmus, 1992

Type: ZMFK 51762 from Langanan River, Mt. Kinabalu, Sabah

Range: Borneo

***Leptolalax pluvialis*** Ohler, Marquis, Swan & Grosjean, 2000

Type: MNHN 1998.5675 from Mt. Fan-Si Pan, Lao-Cai, Vietnam

Range: Borneo

***Leptolalax sungi*** Lathrop, Murphy, Orlov & Ho, 1999

Type: ROM 28474 from Tam Dao, Vinh Phu Province, Vietnam

Range: Vinh Phu Province, Vietnam

***Leptolalax tuberosus*** Inger, Orlov & Darevsky, 1999

Type: FMNH 252844 from Kon Cha Rang Village, An Khe District, Gia-Lai Province, Vietnam

Range: Tram-Lap Village, An Khe District, Gia-Lai Province, Vietnam

**Genus *Megophrys*** Kuhl & van Hasselt, 1822*(Mogophrys* Kuhl & van Hasselt, 1822; *Megalophrys* Wagler, 1830; *Ceratophryne* Schlegel, 1858; *Xenophrys* Guenther, 1864; *Pelobatrachus* Beddard, 1908; *Panophrys* Rao & Yang, 1997)

A genus with about 20 species

Type Species: ***Megophrys montana*** Kuhl & van Hasselt, 1822 from Java

Generic range: S China, SE Asia, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java

**\**Megophrys aceras*** (Boulenger, 1903)*(Megalophrys montana* var. *aceras* Boulenger, 1903)

Type: BMNH from Bukit Besar, Jalor, Perak, Peninsular Malaysia

Range: Thailand, Peninsular Malaysia

**\**Megophrys baluensis*** (Boulenger, 1899)*(Leptobranchium baluense* Boulenger, 1899)

Type: ZRC, now in BMNH from Mt Kinabalu, Sabah

Range: Borneo

**\**Megophrys dringi*** Inger, Stuebing & Tan, 1995

Type: BMNH 1978.20, from Mt. Mulu, Sarawak

Range: Sarawak

***Megophrys edwardinae*** Inger, 1989

Type: FMNH 148293 from Nanga Tekalit, Sarawak

Range: Sarawak

***Megophrys jingdongensis*** Fei & Ye, 1983

Type: CIB? from

Range: China, Vietnam

***Megophrys kobayashi*** Malkmus & Matsui, 1997

Type: KUHE 18817 from Mt. Kinabalu

Range: Borneo

***Megophrys lateralis*** (Anderson, 1871)*(Xenophrys gigas* (non Blyth, 1854) Jerdon, 1870; *Ixalus lateralis* Anderson, 1871;*Megalophrys longipes* var. *maosonensis* Bourret, 1937)

Type: ZIUS? from Yunnan

Range: India, Bangladesh, China, Myanmar, Vietnam

***Megophrys ligayae*** Taylor, 1920

Type: FMNH? (EHT) from N. Palawan

Range: Palawan, Mindanao, Bohol

**\**Megophrys longipes*** (Boulenger, 1885)*(Megalophrys longipes* Boulenger, 1885; *Megalophrys major* Boulenger, 1908)

Type: BMNH from Perak, Peninsular Malaysia

Range: Myanmar, Kampuchea, Laos, Thailand, Peninsular Malaysia

**\**Megophrys minor*** Stejneger, 1926

Type: USNM 68816 from Kwangshien, Sichuan

Range: China, Vietnam

***Megophrys montana*** Kuhl & van Hasselt, 1822*(Megalophrys monticola* Kuhl & van Hasselt, 1822; *Megophrys kuhlii* Gray, 1825)

Type: RMNH 2212a-d, from Java

Range: Java, Sumatra?

***Megophrys nasuta*** (Schlegel, 1858)*(Ceratophrys nasuta* Schlegel, 1858; *Megalophrys Chysii* Edeling, 1864)

Type: RMNH 2143 from Sumatra?

Range: Peninsular Malaysia, Sumatra, Borneo

**\**Megophrys palpebralespinosa*** (Bourret, 1937)*(Leptobrachium palpebralespinosum* Bourret, 1937)

Type: MNHN 48-114; 48-116 from Chapa

Range: Chapa, Tonkin, Vietnam, S. China

**\**Megophrys pachyprocta*** Huang, 1981*(Megophrys pachyproctus* Huang, 1981)

Type: NPIB 770650 from Chewlin Medoxian, Xizang, Tibet

Range: S. China, Vietnam

**\**Megophrys parva*** (Boulenger, 1893)*(Xenophrys monticola* (non Kuhl & van Hasselt, 1822) Guenther, 1864; *Leptobrachium parvum* Boulenger, 1893)

Type: MSNG 29412 from Karin Bian Po, Myanmar

Range: N. India, S. China, Myanmar, Thailand

***Megophrys stejnegeri*** (Taylor, 1920)*(Megalophrys stejnegeri* Taylor, 1920)

Type: FMNH? (EHT) from from Bunawan, Angusan, Mindanao

Range: Mindanao

**Note:** (1) An undescribed species is found from Sumatra; (2) The subgenus *Xenophrys* is variously considered as distinct from *Megophrys*. Species with a \* indicates that it is placed in *Xenophrys*.

**Genus *Ophryophryne*** Boulenger, 1903?

A genus with two species

Type Species: *Ophryophryne microstoma* Boulenger, 1903 from Man Son Mts, Vietnam

Generic range: S. China, Vietnam

***Ophryophryne microstoma*** Boulenger, 1903

Type: BMNH (4 ex.) from Man Son Mts, Vietnam

Range: S. China, Vietnam

***Ophryophryne pachyproctus*** Kou, 1985

Type: Yunnan University A8311032 from Zhushihe, Mengla County, Yunnan, China

Range: China, Vietnam

***Ophryophryne poilani*** Bourret, 1937

Type: MNHN 1948/113 from Dong-Tam-Ve, Vietnam

Range: Vietnam

Note: This genus is previously considered as a subgenus of *Megophrys*.

**Genus *Scutiger*** Theobald, 1868

(*Cophophryne* Boulenger, 1887; *Aelurophryne* Boulenger, 1919)

A genus with 29 species

Type Species: *Bombinator sikimmensis* Blyth, 1854 from Sikkim, India

Generic range: India, Tibet, S. China, Vietnam

***Scutiger adungensis*** Dubois, 1979

Type: BMNH 1932.6.8.7 from Adung Valley, Myanmar

Range: Myanmar

***Scutiger sikimmensis*** (Blyth, 1854)

(*Bombinator sikimmensis* Blyth, 1854)

Type: ZSI 9854-55 from Sikkim, India

Range: India, China, Myanmar?

(Note: The designation of a neotype BMNH 1932.6.8.7 is not valid).



PERPUSTAKAAN

DEPOT

ZOOLOGI



**BUFONIDAE****Genus *Ansonia*** Stoliczka, 1870

A genus with about 21 species

Type Species: *Ansonia Penangensis* Stoliczka, 1870 from Penang, Peninsular Malaysia

Generic range: India, SE Asia, Thailand, Peninsular Malaysia, Borneo

***Ansonia albomaculata*** Inger, 1960

Type: FMNH 81975 from Baleh River, Sarawak

Range: Kalimantan, Borneo

***Ansonia fuliginea*** (Mocquard, 1890)

(*Bufo fuligineus* Mocquard, 1890; *Nectophryne altitudinis* Smith, 1931)

Type: MNHN 130.89.330 from Sabah

Range: Borneo

***Ansonia guibei*** Inger, 1966

Type: FMNH 152159 from Mt. Kinabalu, Sabah

Range: Borneo

***Ansonia hanitschi*** Inger, 1960

Type: BMNH 99.8.19.13 from Mt. Kinabalu, Sabah

Range: Borneo

***Ansonia inthanon*** Matsui, Nabhitabhata & Panha, 1998

Type: NHMT 51-001 from Siriphum waterfall, Doi Inthanon National Park Thailand

Range: Doi Inthanon National Park, Thailand

***Ansonia latidisca*** Inger, 1966

Type: RMNH 10677 from Mt. Damus, Sambas

Range: Kalimantan, Borneo

***Ansonia leptopus*** (Günther, 1872)

(*Bufo leptopus* Guenther, 1872; *Ansonia longidigita gryllivoca* Inger, 1960)

Type: BMNH 1947.2.20.51 from Matang, Sarawak

Range: Borneo, Malaysia

***Ansonia longidigita*** Inger, 1960

Type: BMNH 99.8.19.12 from Mt. Kinabalu, Sabah

Range: Borneo

***Ansonia malayana*** Inger, 1960

Type: BMNH 1900.9.26.16 from Larut Hill, Peninsular Malaysia

Range: Peninsular Malaysia

***Ansonia mcgregori*** (Taylor, 1922)

(*Bufo mcgregori* Taylor, 1922)

Type: CAS 61839 (EHT 1468a) from Pasonanca, Zamboanga, Philippines

Range: Zamboanga, Mindanao

***Ansonia minuta*** Inger, 1960

Type: FMNH 77424 from Matang, Sarawak

Range: Borneo

***Ansonia muelleri*** (Boulenger, 1887)

(*Bufo muelleri* Boulenger, 1887)

Type: BMNH 1947.2.20.57 from Mindanao

Range: Mindanao

***Ansonia penangensis*** Stoliczka, 1870

(*Ansonia Penangensis* Stoliczka, 1870)

Type: ZSI 2717-18; 3585-86 (4 ex) from Penang Hill, Penang Island, Peninsular Malaysia

Range: Thailand, Peninsular Malaysia, Borneo?

***Ansonia platysoma*** Inger, 1960

Type: FMNH 28213 from Mt. Kinabalu, Sabah

Range: Sabah

***Ansonia siamensis*** Kiew, 1984

Type: BMNH 1979.443 from Khao Chong, Trang, Thailand

Range: Thailand

***Ansonia spinulifer*** (Mocquard, 1890)

(*Bufo spinulifer* Mocquard, 1890)

Type: MNHN 89.281-283 from Mt. Kinabalu, North Borneo

Range: Borneo

***Ansonia tiomanica*** Hendrickson, 1966

Type: BPBM 5129 from Ulu Lalang, Tioman Island, Peninsular Malaysia

Range: Tioman Island, Peninsular Malaysia

***Ansonia torrentis*** Dring, 1984 "1983"

Type: BMNH 1978.69 from Mt. Mulu, Sarawak

Range: Borneo

**Note:** Several undescribed species has been found from Kalimantan and Peninsular Malaysia

**Genus *Bufo* Laurenti, 1768**

(*Batrachus* Rafinesque, 1814; *Bufo* Rafinesque, 1815; *Calamita* Oken, 1816, *Oxyrhynchus* Spix, 1824; *Otilophus* Cuvier, 1823; *Chaunus* Wagler, 1828; *Chascax* Ritgen, 1828; *Phryniscus* Wiegmann, 1835; *Phryne* Fitzinger, 1843; *Phrynomorphus* Fitzinger, 1843; *Otolophus* Fitzinger, 1843; *Phrynooidis* Fitzinger, 1843; *Chilophryne* Fitzinger, 1843; *Eurhina* Fitzinger, 1843; *Epidalea* Cope, 1864; *Anaxyrus* Tschudi, 1845; *Incilius* Cope, 1863; *Nannophryne* Günther, 1870; *Adenomus* Cope, 1860; *Rhaebo* Cope, 1863 "1862"; *Epidalea* Cope, 1864; *Cranopsis* Cope, 1875; *Ollotis* Cope, 1875; *Dromoplectrus* Camerano, 1879; *Aruncus* Philippi, 1902 *Ancudia* Philippi, 1902; *Stenodactylus* Philippi, 1902)

A genus with about 250 species

Type Species: *Bufo vulgaris* Laurenti, 1768, restricted to Sweden

Generic range: cosmopolitan, except Maluku, New Guinea, Australia (all introduced)

*Bufo asper* species group:

***Bufo asper* Gravenhorst 1829**

(*Nectes obscurus* Barbour, 1904)

Type: RMNH 2172 from Java

Range: Myanmar, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Sulawesi (introduced)

***Bufo sumatranus* Peters, 1871**

(*Bufo juxtasper* Inger, 1964)

Type: ZMB 6292 from inland of Sumatra

Range: Sumatra and Borneo

(Note: The type of *Bufo sumatranus* was examined in ZMB in 1998)

***Bufo valhallae* Meade-Waldo, 1908**

Type: BMNH 1909.9.6.1 from Weh Island, Aceh

Range: Weh Island North Sumatra

(Note: Probably a synonym of *Bufo sumatranus*)

*Bufo biporcatus* species group:

***Bufo biporcatus* Gravenhorst 1829**

(*Bufo cavator* Barbour, 1911)

Type: Breslau? not designed from Java

Range: Sumatra, Java, Bali, Lombok, Sulawesi (introduced), Palawan

***Bufo claviger* Peters, 1863**

Type: ZMB 4863 and 37322; FMNH 73840 from Bengkulu

Range: Sumatra, Nias

***Bufo divergens* Peters, 1871**

Type: MSNG 29640A (+ZMB 7025a,b; MSNG 29640b,c) from Borneo

Range: Borneo, Sumatra

***Bufo kumquat*** Das & Lim, 2000

Type: ZRC 1.3201 from Kuala Tahan, Pahang

Range: Peninsular Malaysia

(Note: From few specimens at hand, this form is very similar to *B. quadriporcatus*)***Bufo parvus*** Boulenger, 1887

Type: BMNH 1947.2.21.72-82; MCZ 2208a-c, + 1887.0123, 4 ex.; ZSI 15196-97 from Malaka

Range: Myanmar, Thailand, Peninsular Malaysia, Sumatra, Java

(Note: the designation of MSNG 29413 as lectotype is rejected)

***Bufo phillipinicus*** Boulenger, 1887

Type: BMNH (not traced) from Puerto Princesa, Palawan

Range: Palawan, Balabak

***Bufo quadriporcatus*** Boulenger, 1887

Type: BMNH 1947.2.21.94 from Malaka, Peninsular Malaysia

Range: Peninsular Malaysia, Sumatra, Borneo

*Bufo melanosticus* species group:***Bufo pageoti*** Bourret, 1937(*Bufo burmanus* Andersson, 1939)

Type: MNHN 48-125 from Fansipan, Tonkin

Range: Vietnam

***Bufo melanostictus*** Schneider, 1799(*Bufo chlorogaster* Daudin, 1802; *Bufo flaviventris* Daudin, 1802; *Bufo scaber* Daudin, 1803; *Bufo gymnauchen* Bleeker, 1858; *Docidophryne spinipes* Fitzinger, 1861, n.n.; *Bufo spinipes* Fitzinger in Steindachner, 1867; *Bufo longecristatus* Werner, 1903; *Bufo tinhoensis* Bourret, 1937; *Bufo camortensis* Mansukhani & Sarkar, 1980)

Type: lost? from India

Range: Andaman, Nicobar, Myanmar, Laos, Vietnam, Thailand, Kampuchea, Peninsular Malaysia, Borneo, Sumatra, Java, Bali (intr.), Sulawesi (intr.); Ambon (intr.) Papua (intr. ± 1985 to Manokwari)

***Bufo stuarti*** Smith, 1929

Type: ZSI 19958 from Putao Plain, N Myanmar

Range: N. India, Tibet, Myanmar

*Bufo marinus* species group:***Bufo marinus*** (Linnaeus, 1758)(*Rana marina* Linnaeus, 1758)

Type: Seba coll.? (a figure?) from America

Range: New Guinea (intr), Philippines (intr.)

Unassigned species:

***Bufo celebensis*** Guenther, 1859 "1858"

(*Leptophryne leiogaster* Fitzinger, 1867, n.n.)

Type: BMNH from Sulawesi (and India in error)

Range: Sulawesi

***Bufo galeatus*** Guenther, 1864

Type: BMNH 1947.2.21.13 from Cambodia

Range: China, Hainan, Myanmar, Kampuchea, Laos, Thailand, Vietnam

***Bufo macrotis*** Boulenger, 1887

Type: BMNH 1947.2.21.15-16; NHMW 16555; MSNG 29616 from Teinzo, Kakhien Hill, Myanmar

Range: Myanmar, Thailand, Vietnam, Laos, Kampuchea, Peninsular Malaysia

**Note:** The Southeast Asian species are grouped into three groups (the *asper*, *biporcatus* and *melanostictus* group) based on Inger (1978). Up to present there is no work that analyzes this groupings. Inger's grouping was only based on about two third of the known species of the region. The genus *Adenomus* Cope (1860) is recently considered as a distinct genus. This action is likely to affect other species groups as currently understood.

### **Genus *Leptophryne*** Fitzinger, 1843

(*Cacophryne* Davies, 1935)

**A genus with two recognized species**

Type Species: ***Bufo cruentatus*** Tschudi, 1838 from Java

Generic range: SE Asia, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java

#### ***Leptophryne borbonica*** (Kuhl & van Hasselt, 1827)

(*Hylaplesia borbonica* Kuhl & van Hasselt, 1827; *Bufo leptophis* Fisher, 1885; *Bufo jerboa* Boulenger, 1890; *Nectophryne sumatrana* van Kampen, 1910)

Type: RMNH 1739a,b restricted to Java

Range: Java, Thailand, Peninsular Malaysia, Sumatra, Borneo

(**Note:** The population of *Leptophryne borbonica* from Java is morphologically different compared to those from other places)

#### ***Leptophryne cruentata*** (Tschudi, 1838)

(*Bufo cruentatus* Tschudi, 1838; *Bufo montanus* Werner, 1897)

Type: RMNH 2130a,b from Java

Range: Java

### **Genus *Pedostibes*** Guenther, 1875

(*Nectophryne* (part) Boulenger, 1882)

**A genus with six species**

Type Species: ***Pedostibes tuberculosus*** Guenther, 1875 from Malabar, India

Generic range: India, SE Asia, Thailand, Peninsular Malaysia, Sumatra, Borneo

***Pedostibes everetti*** (Boulenger, 1896)*(Nectophryne Everetti* Boulenger, 1896)

Type: BMNH 1947.2.18.27 from Mt. Kinabalu, Sabah

Range: Borneo

***Pedostibes hosii*** (Boulenger, 1892)*(Nectophryne Hosii* Boulenger, 1892)

Type: BMNH 92.6.3.19 from Mt. Dulit, Sarawak, Borneo

Range: Malaysia, Sumatra, Borneo

***Pedostibes maculatus*** (Mocquard, 1890)*(Nectophryne maculata* Mocquard, 1890)

Type: MNHN 89-266-288 from Mt. Kinabalu, Sabah

Range: Borneo

***Pedostibes rugosus*** Inger, 1958

Type: FMNH 81297 from Baleh River, Sarawak

Range: Borneo

**(Note:** Manthey & Grossmann consider *Pedostibes rugosus* as a synonym of *P. everetti*)**Genus *Pelophryne*** Barbour, 1938*(Nectophryne* (part) Boulenger, 1882)**A genus with about a dozen species**Type Species: ***Pelophryne albotaenia*** Barbour, 1938 from Palawan

Generic range: SE Asia, S. China, Thailand, Peninsular Malaysia, Sumatra, Borneo, Palawan

***Pelophryne albotaenia*** Barbour, 1938

Type: MCZ 23291 from Thumb Peak, Palawan

Range: Palawan

***Pelophryne api*** Dring, 1984 "1983"

Type: BMNH 1978.1575 from Gunung Api, Mulu, Sarawak

Range: Borneo

***Pelophryne brevipes*** (Peters, 1867)*(Hylaplesia brevipes* Peters, 1867)

Type: ZMB 5691; NHMW 16554 from Zamboanga, Mindanao

Range: Peninsular Malaysia, Singapore, Sumatra, Borneo, Siberut, Mindanao.

**(Note:** This species is most probably a composite)***Pelophryne exigua*** (Boettger, 1901)*(Nectophryne exigua* Boettger, 1901)

Type: SNG 3737 from Baram River, Sarawak

Range: N. Borneo

***Pelophryne guentheri*** (Boulenger, 1882)*(Nectophryne guentheri* Boulenger, 1882)

Type: BMNH 1947.2.19.28 from Matang, Sarawak

Range: Borneo

***Pelophryne lighti*** (Taylor, 1920)*(Nectophryne lighti* Taylor, 1920)

Type: CM or CAS? (EHT 189) from Bunawan, Mt Malindang, Mindanao

Range: Mindanao, Bohol

***Pelophryne macrotis*** (Boulenger, 1895)*(Nectophryne macrotis* Boulenger, 1895)

Type: BMNH 1947.2.19.43 from Akar River, Sarawak

Range: Borneo

***Pelophryne misera*** (Mocquard, 1890)*(Nectophryne misera* Mocquard, 1890)

Type: MNHN 89-331-333

Range: Sarawak &amp; Sabah

***Pelophryne rhopophilus*** Inger & Stuebing, 1996

Type: FMNH 252422 from Bukit Ianjak, Sarawak

Range: Sarawak, W. Kalimantan, Borneo

***Pelophryne signata*** (Boulenger, 1894)*(Nectophryne signata* Boulenger, 1894)

Type: BMNH 1940.1.28.1- 4, SNM (5 ex) from Aor Island

Range: Borneo

**Note:** Several undescribed species are found from Borneo and Sumatra.**Genus *Pseudobufo*** Tschudi, 1838*(Nectes* Cope, 1865)**A monotypic genus**Type Species: ***Pseudobufo subasper*** Tschudi, 1838 from Borneo

Generic range: Peninsular Malaysia, Sumatra, Borneo

***Pseudobufo subasper*** Tschudi, 1838*(Nectes pleurotaenia* Fischer, 1885; *Nectes sumatranus* Werner, 1900; *Pseudobufo weneri* van Kampen, 1905)

Type: RMNH 2200, 2216 from Borneo

Range: Peninsular Malaysia, Sumatra, Borneo

## HYLIDAE

### PELODRYADINAE

#### Genus *Litoria* Tschudi, 1838

(*Ranoidea* Tschudi, 1838; *Pelodytes* Gray, 1841; *Dryopsophus* Fitzinger, 1843; *Pelobius* Fitzinger, 1843; *Pelodryas* Guenther, 1858; *Chirodryas* Keferstein, 1867; *Hylomantis* (non Peters, 1873) Peters, 1880; *Dryomantis* Peters, 1882; *Fanchonia* Werner, 1893; *Hylella* Méhely, 1897; *Mitrolysis* Cope, 1889)

A genus with about 120 species

Type Species: *Litoria freycineti* Tschudi 1838 from Australia

Generic range: New Guinea, Maluku, Nusa Tenggara, Australia

*Litoria albolabris* species group:

*Litoria albolabris* (Wandolleck, 1911)

(*Hyla albolabris* Wandolleck, 1911)

Type: NHMW 16976 & SAMA R 4947 from Eitape, West Sepik, Papua New Guinea

Range: Aitape, West Sepik, Papua New Guinea

*Litoria angiana* species group:

*Litoria angiana* (Boulenger, 1915)

(*Hyla angiana* Boulenger, 1915 *Hyla angularis* Loveridge, 1945)

Type: BMNH 1947.2.24.6; 1947.2.30.95-98 from Angi, Arfak Mts

Range: New Guinea

*Litoria mintima* (Tyler, 1962)

(*Hyla mintima* Tyler, 1962)

Type: AMS? from New Guinea

Range: New Guinea

*Litoria arfakiana* species group:

*Litoria arfakiana* (Peters & Doria, 1878)

(*Hyla (Litoria) arfakiana* Peters & Doria, 1878)

Type: MSNG 29723a (+ZMB, BMNH, RMNH, MSNG, 19 ex) from Hatam, Arfak Mts

Range: New Guinea

*Litoria oenicolen* Menzies & Zweifel, 1974

Type: AMNH 37922 from Trauna, Baiyer River, West. Papua New Guinea

Range: Baiyer River, West. Papua New Guinea



**Litoria wollastoni** (Boulenger, 1914)*(Hyla wollastoni* Boulenger, 1914)

Type: BMNH 1947.2.23.59 from Uta kwa River, Papua

Range: Highlands of New Guinea

*Litoria becki* species group:**Litoria becki** (Loveridge, 1945)*(Hyla becki* Loveridge, 1945)

Type: MCZ 25900 from Mt. Wilhelm, Bismarck range, Madang, Papua New Guinea

Range: Bismarck range, Madang, Papua New Guinea

**Litoria brongersmai** (Loveridge, 1945)*(Hyla brongersmai* Loveridge, 1945)

Type: MCZ 15203 from Parana Valley, Snow Mts. Papua

Range: Parana Valley, Snow Mts. Papua

**Litoria micromembrana** (Tyler, 1963)*(Hyla montana pratti* Loveridge, 1948; *Hyla micromembrana* Tyler, 1963)

Type: SAMA R4150 from Mt. Podamp, Sepik, Papua New Guinea

Range: Mountains of New Guinea

**Litoria modica** (Tyler, 1968)*(Hyla modica* Tyler, 1968)

Type: MCZ 52856 from Oruge Eastern Papua New Guinea

Range: Papua, Central Papua New Guinea

**Litoria pratti** (Boulenger, 1911)*(Hyla pratti* Boulenger, 1911)

Type: BMNH 1947.2.23.54-56 from Wendessi &amp; BMNH 1947.2.23.57-58 from Arfak Mts

Range: Arfak &amp; Wendessi, Papua

**Litoria spinifera** (Tyler, 1968)*(Hyla spinifera* Tyler, 1968)

Type: MCZ 54510 from Oruge, Eastern Mts, Papua New Guinea

Range: Eastern Mts, Papua New Guinea

*Litoria bicolor* species group:**Litoria bicolor** (Gray, 1842)*(Eucnemis bicolor* Gray, 1842; *Hyla rueppelli* Boettger, 1895)

Type: BMNH 1947.2.22.59 from Port Essington, Australia

Range: Aru, New Guinea, Australia

**Litoria chloronota** (Boulenger, 1911)*(Hylella chloronota* Boulenger, 1911)

Type: BMNH 1947.2.31.20-21 from Arfak Mts, Papua

Range: Arfak Mts, Papua

***Litoria contrastens*** (Tyler, 1968)*(Hyla contrastens* Tyler, 1968)

Type: SAMA R5845 from Barabuna, Kundiawa, Chimbu, Papua New Guinea

Range: Eastern Mts, Papua New Guinea

***Litoria longicrus*** (Boulenger, 1911)*(Hylella longicrus* Boulenger, 1911)

Type: BMNH 1947.2.22.60-61 from Fakfak &amp; Wendesi, Papua

Range: Fakfak &amp; Wendesi, Papua

***Litoria mystax*** (van Kampen, 1906)*(Hyla mystax* van Kampen, 1906)

Type: RMNH 4632 from Moaif, Northern Papua

Range: Northern Papua

*Litoria bulmeri* species group:***Litoria bulmeri*** (Tyler, 1968)*(Hyla bulmeri* Tyler, 1968)

Type: SAMA R5625 from Aunjung Valley, Schrader Mts, Madang, Papua New Guinea

Range: Aunjung Valley, Schrader Mts, Madang, Papua New Guinea

*Litoria caerulea* species group:***Litoria caerulea*** (White, 1790)*(Rana caerulea* White, 1790; *Rana austrasiae* Schneider, 1799; *Hyla cyanea* Schlegel, 1837-44; *Hyla irrorata* de Vis, 1884)

Type: Hunterian Mus (lost), from New South Wales

Range: Australia, New Guinea

*Litoria dorsalis* species group:***Litoria dorsalis*** Macleay, 1877*(Hyla dorsalis microbelos* Cogger, 1966)

Type: unknown from Katow, Binaturi River, Papua New Guinea

Range: South New Guinea

***Litoria timida*** Tyler & Parker, 1972

Type: SAMA R11658 from Menemsore, Western Papua New Guinea

Range: Papua New Guinea

*Litoria dorsivena* species group:***Litoria dorsivena*** (Tyler, 1968)*(Hyla dorsivena* Tyler, 1968)

Type: SAMA R7901 from Telefomin, West Sepik, Papua New Guinea

Range: Arfak, Papua, Papua New Guinea

*Litoria eucnemis* species group:

***Litoria eucnemis*** (Lonnberg, 1900)

(*Hyla eucnemis* Lonnberg, 1900)

Type: BMNH 1947.2.23.87 & ZIUU from Huon Peninsula and NE Queensland

Range: New Guinea, N. Australia

***Litoria exophthalmia*** Tyler, Davies & Aplin, 1986

Type: AM R 114751 from Haia Village, South Simbu Province, Papua New Guinea

Range: Papua New Guinea

***Litoria genimaculata*** (Horst, 1833)

(*Hyla genimaculata* Horst, 1833; *Hyla papua* van Kampen, 1909; *Nyctimystes loveridgei* Neill, 1954)

Type: RMNH 4420 from Gebe or Gag Island

Range: lowlands of New Guinea, Gag, Gebe

*Litoria freycineti* species group:

***Litoria nasuta*** (Gray, 1841)

(*Pelodytes nasutus* Gray, 1841; *Hyla peninsulae* de Vis, 1884; *Hyla Semoni* Boettger, 1894)

Type: BMNH 1947.2.22.81 from Port Essington, North Australia

Range: North Australia, South New Guinea

*Litoria gracilentia* species group (= *Litoria aruensis* species group):

***Litoria aruensis*** (Horst, 1883)

(*Hyla aruensis* Horst, 1883)

Type: RMNH 4416a,b; 4417 from Aru & Misool

Range: Maluku, Papua, Papua New Guinea

***Litoria elkeae*** Guenther & Richards, 2000

Type: ZMB 59375 from Tetslaff, Kalibumi river between Nabire & Mapia, Papua.

Range: Siewa, Papua

***Litoria gracilentia*** (Peters, 1869)

(*Hyla gracilentia* Peters, 1869; *Pelodryas granulata* Peters, 1873)

Type: ZMB 6618 from Port Mackay, Australia

Range: N. Australia, S. New Guinea

***Litoria graminea*** (Boulenger, 1905)

(*Hyla graminea* Boulenger, 1905)

Type: BMNH 1947.2.23.31 from North Papua New Guinea

Range: New Guinea

***Litoria multiplicata*** (Tyler, 1964)*(Hyla multiplicata* Tyler, 1964)

Type: AMNH 66854 from Kassam, Kratke Mt. Papua New Guinea

Range: Eastern Papua New Guinea

***Litoria infrafronata*** species group:***Litoria infrafronata infrafronata*** (Guenther, 1867)*(Hyla infrafronata* Guenther, 1867; *Calamita dolichopsis* Cope, 1867; *Litoria guttata* Macleay, 1877; *Hyla dolichopsis tenuigranulata* Boettger, 1895; *Hyla spengeli* Boulenger, 1912; *Hyla infrataeniata* Boulenger, 1885; *Hyla trinilensis* Ahl, 1929)

Type: BMNH 1947.2.24.11 from Cape York, N. Australia

Range: Maluku, New Guinea, Australia

***Litoria infrafronata militaria*** (Ramsay, 1878)*(Pelodyras militarius* Ramsay, 1878; *Hyla dolichopsis pollicaris* Werner, 1898; *Hyla dolichopsis calcarifera* Vogt, 1912)

Type: AM R5250 from New Ireland, Bismarck, Papua New Guinea

Range: New Ireland, Bismarck, Papua New Guinea

**(Note:** According to Richards (pers. comm.) some of the synonym might be elevated as valid species)***Litoria sanguinolenta*** (van Kampen, 1909)*(Hyla sanguinolenta* van Kampen, 1909)

Type: ZMA 5676 from Sabang, Lorentz River

Range: South Papua

***Litoria iris*** species group:***Litoria havina*** Menzies, 1993

Type: UPNG 7281 from Ok Kam, Western Province, Papua New Guinea

Range: Papua New Guinea

***Litoria iris*** (Tyler, 1962)*(Hyla iris* Tyler, 1962)

Type: BMNH 1961.1206 from Bamna, Western Highland, Papua New Guinea

Range: Snow Mountains, New Guinea

***Litoria majikthise*** Johnstone & Richards, 1994

Type: SAMA R44093 from Tabubil, Western Papua New Guinea

Range: South Papua New Guinea

***Litoria mucro*** Menzies, 1993

Type: UPNG 2744 from Rait Village, Nuku District, East Sepik, Papua New Guinea

Range: Eastern Papua New Guinea

**Note:** Menzies considers the *Litoria iris* group to be within the *Litoria nigropunctata* group.

*Litoria jeudi* species group:

***Litoria jeudi*** (Werner, 1901)

(*Hyla jeudi* Werner, 1901)

Type: ZMB 16498 from German New Guinea

Range: North Papua New Guinea

*Litoria leucova* species group:

***Litoria leucova*** (Tyler, 1968)

(*Hyla leucova* Tyler, 1968)

Type: SAMA R6461 from Busilmin, West Sepik, Papua New Guinea

Range: West Sepik, Papua New Guinea

*Litoria lousiadensis* species group:

***Litoria lousiadensis*** (Tyler, 1968)

(*Hyla lousiadensis* Tyler, 1968)

Type: AMNH 60133 from Rosell Island, Louisiade

Range: Rossel & Sudest Island, Papua New Guinea

*Litoria napaea* species group:

***Litoria napaea*** (Tyler, 1968)

(*Hyla napaea* Tyler, 1968)

Type: AMNH 49659 from Bernhard Camp, Idenburg River, Mamberamo, Papua

Range: Mamberamo basin, Papua

*Litoria nigrofrenata* species group:

***Litoria nigrofrenata*** (Guenther, 1867)

(*Hyla nigrofrenata* Guenther, 1867)

Type: BMNH 2.23.46-47 from Cape York, N. Australia

Range: N. Australia, S. New Guinea

*Litoria nigropunctata* species group:

***Litoria nigropunctata*** (Meyer, 1875)

(*Hyperolius nigropunctatus* Meyer, 1875; *Hyla bernsteini* Horst, 1883; *Hyla ouwensi* Barbour, 1908; *Hyla atropunctata* van Kampen, 1923)

Type: MTKD (destroyed) from Serui Island

Range: Gebe, Serui, Papua

***Litoria obstusirostris*** Meyer, 1875

Type: MTKD (destroyed) from Ansum, Serui Island

Range: Serui Island

(Note: Assignment of this species to *L. nigropunctata* species group is doubtful)

*Litoria peronii* species group:

***Litoria amboinensis*** (Horst, 1883)

(*Hyla amboinensis* Horst, 1883; *Hyla papuensis* Werner, 1901; *Hyla Kampeni* Barbour, 1912)

Type: RMNH 4418a,b, 4419 from Ambon and Misool, Maluku

Range: Ambon, Seram, Misool, New Guinea

***Litoria darlingtoni*** (Loveridge, 1945)

(*Hyla darlingtoni* Loveridge, 1945, *Nyctimystes flavomaculata* Forcart, 1953)

Type: MCZ 25890 from Mt. Wilhelm, Bismarck range, Madang, Papua New Guinea

Range: Eastern Mts, Papua New Guinea

***Litoria everetti*** (Boulenger, 1897)

(*Hyla everetti* Boulenger, 1897)

Type: BMNH 1947.2.23.60-65 from Sawu & BMNH 1947.2.23.66-67 from Sumba

Range: Timor, Sumba, Sawu

***Litoria rothi*** (de Vis, 1884)

(*Hyla rothi* de Vis, 1884)

Type: QM (lost) from Mackay, N. Australia

Range: N. Australia, S. New Guinea

*Litoria prora* species group:

***Litoria pronimia*** Menzies, 1993

Type: UPNG 8404 from Tabubil, Western Province, Papua New Guinea

Range: Papua New Guinea

***Litoria prora*** (Menzies, 1969)

(*Hyla prora* Menzies, 1969)

Type: UPNG 1015 from Efogi, Port Moresby, Papua New Guinea

Range: Port Moresby, Papua New Guinea

***Litoria ollauro*** Menzies 1993

Type: UPNG 2744 from Agaun, Milne Bay Province, Papua New Guinea

Range: Papua New Guinea

*Litoria quadrilineata* species group:

***Litoria quadrilineata*** Tyler & Parker, 1974

Type: SAMA R13489 from Merauke, Papua

Range: Merauke, Papua

*Litoria rubella* species group:***Litoria capitula*** (Tyler, 1968)*(Hyla capitula* Tyler, 1968)

Type: RMNH 5317 from Saumlaki, Tanimbar

Range: Tanimbar

***Litoria congenita*** (Peters & Doria, 1878)*(Hyla (Litoria) congenita* Peters & Doria, 1878, *Hyla macgregori* Douglas-Ogilby, 1890)

Type: MSNG 9722a (+ 3 ex) from Yule Island, Papua New Guinea

Range: S. New Guinea, Aru

***Litoria pygmaea*** (Meyer, 1875)*(Hyperolius pygmaeus* Meyer, 1875; *Hylella Boulengeri* (non *Scytotis Boulengeri* Cope) von M  h  ly, 1897; *Hyla fallax* Boulenger, 1898; *Hyla mehelyi* Nieden, 1923)

Type: MTKD (destroyed) from Serui Island

Range: Lowlands of New Guinea

***Litoria rubella*** (Gray, 1842)*(Hyla rubella* Gray, 1842; *Hyla (Litoria) mystacina* Keferstein, 1867; *Hyla nigrogularis* Keferstein, 1867)

Type: BMNH 1947.2.24.7-9 from Port Essington, N. Australia

Range: N. Australia, South New Guinea

***Litoria vocivincens*** Menzies, 1972

Type: UPNG 1957 from Brown River, Port Moresby

Range: Lowlands of SE Papua New Guinea

*Litoria thesaurensis* species group:***Litoria impura*** (Peters & Doria, 1878)*(Hyla (Litoria) impura* Peters & Doria, 1878)

Type: MSNG 2971A (+ 2 ex) from Yule Island, Papua New Guinea

Range: SE New Guinea

***Litoria lutea*** (Boulenger, 1887)*(Hyla lutea* Boulenger, 1887)

Type: BMNH 1947.2.23.50-52 from Faro Island, Solomon

Range: Solomon Islands

***Litoria thesaurensis*** (Peters, 1877)*(Hyla thesaurensis* Peters, 1877; *Hyla macrops* Boulenger, 1883; *Hyla solomonis* Vogt, 1912)

Type: ZMB 9121a,b from Treasury Is., Solomon

Range: New Guinea, Solomon

*Litoria vagabunda* species group:***Litoria vagabunda*** (Peters & Doria, 1878)*(Hyla (Litoria) vagabunda* Peters & Doria, 1878)

Type: MSNG 2970a (+ 1 ex.) from Wahai, Seram

Range: Seram, Vogelkop Peninsula Papua

*Litoria wisselensis* species group:

***Litoria umbonata*** Tyler & Davies, 1983

Type: AMNH 43766 from Baliem Valley, Papua

Range: Baliem valley, Papua

***Litoria wisselensis*** (Tyler, 1968)

(*Hyla wisselensis* Tyler, 1968)

Type: RMNH 12295 from Enarotali, Papua

Range: Wissel Lakes, Papua

Unassigned species:

***Litoria javana*** (Ahl, 1929)

(*Hyla javana* Ahl, 1929)

Type: ZMB 29977 from Java?

Range: Java?

**Note:** (1) At least two dozen of undescribed species are currently being described from Papua and Papua New Guinea; (2) The genus will be splitted into several genera, but which species group deserves its own name rest to be decided)

## **Genus *Nyctimystes*** Stejneger, 1916

A genus with about 26 species

Type Species: ***Nyctimantis papua*** Boulenger, 1897 from Mt. Victoria, Papua New Guinea

Generic range: Maluku, New Guinea, N. Australia

***Nyctimystes avocalis*** Zweifel, 1958

Type: AMNH 56886 from Goodenough, D'Entrecasteaux, Papua New Guinea

Range: Goodenough, D'Entrecasteaux Papua New Guinea

***Nyctimystes cheesmani*** Tyler, 1964

(*Nyctimystes cheesmanae* (emend))

Type: BMNH 1947.2.24.31 from Mondo, Papua New Guinea

Range: Eastern Papua New Guinea, D'Entrecasteaux

***Nyctimystes daymani*** Zweifel, 1958

Type: AMNH 57070 from Mt. dayman, Milne Bay, Papua New Guinea

Range: Mt. dayman, Milne Bay, Papua New Guinea

***Nyctimystes disrupta*** Tyler, 1963

Type: AM R15923 from Kaironk Valley, Madang, Papua New Guinea

Range: Central Papua New Guinea, Huon Peninsula

***Nyctimystes fluviatilis*** Zweifel, 1958

Type: AMNH 49567 from Bernhard camp, Idenburg River, Papua

Range: Mamberamo Basin, Papua



***Nyctimystes foricula*** Tyler, 1963

Type: AM R15904 from Kaironk Valley, Madang, Papua New Guinea

Range: Mountains of Eastern Papua New Guinea

***Nyctimystes granti*** (Boulenger, 1914)*(Nyctimantis granti* Boulenger, 1914)

Type: BMNH 1947.2.24.47 Utawa River, Papua

Range: Mountains of Papua

***Nyctimystes gularis*** Parker, 1936

Type: BMNH 1947.2.24.29 from Mondo, Papua New Guinea

Range: Mountains of SE Papua New Guinea

***Nyctimystes humeralis*** (Boulenger, 1912)*(Hyla humeralis* Boulenger, 1912)

Type: BMNH 1947.2.23.48 from Madiu, St. Joseph River, Central Papua New Guinea

Range: Papua, Eastern Papua New Guinea

***Nyctimystes kubori*** Zweifel, 1958

Type: AMNH 55913 from Kubor Mts, Chimbu, Papua New Guinea

Range: Eastern Papua New Guinea

***Nyctimystes montana*** (Peters & Doria, 1878)*(Hyla (Litoria) montana* Peters & Doria, 1878)

Type: MSNG 29720 from Hatam, Arfak Mts, Papua

Range: Arfak Mts, Papua

***Nyctimystes narinosa*** Zweifel, 1958

Type: AMNH 60372 from Mt. Hagen, Western Papua New Guinea

Range: Mountains of Central &amp; Eastern Papua New Guinea

***Nyctimystes obsoleta*** (Lonnberg, 1900)*(Hyla obsoleta* Lonnberg, 1900)

Type: ZIUU from Simbang, Huon Peninsula, Papua New Guinea

Range: Huon Peninsula, Papua New Guinea

***Nyctimystes oktediensis*** Richards & Johnston, 1993

Type: QM J 56896 from Mt. Akrik, Star Mountains, Western Province, Papua New Guinea

Range: Star Mountains, Papua New Guinea, Papua

(Note: Price (pers. comm.) recorded several localities in Papua)

***Nyctimystes papua*** (Boulenger, 1897)*(Nyctimantis papua* Boulenger, 1897)

Type: BMNH 96.10.31.50 from Mt. Victoria, Owen Stanley range, Papua New Guinea

Range: Papua, Owen Stanley range, Papua New Guinea

***Nyctimystes perimetri*** Zweifel, 1958

Type: AMNH 60081 Mt. Riu, Tagula, Louisiade Isl.

Range: Louisiade Island

***Nyctimystes persimilis*** Zweifel, 1958

Type: AMNH 56838 from Mt. Dayman, Milne Bay, Papua New Guinea

Range: Mt. Dayman, Milne Bay, Papua New Guinea

***Nyctimystes pulchra*** (Wandolleck, 1911)*(Hyla pulchra* Wandolleck, 1911)

Type: MTKD D2219 (destroyed) from Torricelli Mts, West Sepik, Papua New Guinea

Range: Mountains of New Guinea

***Nyctimystes rueppelli*** (Boettger, 1895)*(Hyla rueppelli* Boettger, 1895)

Type: SMF 2614 from Kau, N. Halmahera, Maluku

Range: Halmahera, Morotai

***Nyctimystes semipalmata*** Parker, 1936

Type: BMNH 1947.2.24.25 from Kokoda, Northern Papua New Guinea

Range: Papua, Kokoda, Northern Papua New Guinea

***Nyctimystes trachydermis*** Zweifel, 1983

Type: AMNH 82866 from Gapaia Creek, Morobe, Papua New Guinea

Range: Eastern Papua New Guinea

***Nyctimystes tyleri*** Zweifel, 1983

Type: AMNH 82878 from Gapaia, Morobe, Papua New Guinea

Range: Highlands of Eastern Papua New Guinea

***Nyctimystes zweifeli*** Tyler, 1967

Type: AMNH 82878 from Telefomin, Western Highland, West Sepik, Papua New Guinea

Range: Western Highland, West Sepik, Papua New Guinea

Note: A number of undescribed species were found all over New Guinea

**HYLINAE****Genus *Hyla*** Laurenti, 1768

A genus with about 260 species

Type Species: *Hyla viridis* Laurenti, 1768 = *Rana arborea* Linnaeus, 1758 from Europe

Generic range: Europe, Asia, N. Africa, America

***Hyla annectans*** (Jerdon, 1870)

(*Polypedates annectans* Jerdon, 1870)

Type: ZMB 3500 from Khasi Hill, India

Range: India, Myanmar, Vietnam, Thailand

***Hyla chinensis*** Guenther, 1859

(*Hyla arborea* var. *chinensis* Guenther, 1859)

Type: BMNH 1947.2.23.93 from China

Range: China, N. Vietnam

***Hyla simplex*** Boettger, 1901

(*Hyla chinensis* var. *simplex* Boettger, 1901)

Type: SMF 2626 from Phuc Son, Annam, Vietnam

Range: China, N. Vietnam

## MICROHYLIDAE

### ASTEROPHRYINAE

#### Genus *Asterophrys* Tschudi, 1838

A genus with three recognized species

Type Species: *Ceratophrys turpicola* Schlegel, 1837 from Triton Bay, Papua

Generic range: New Guinea

#### *Asterophrys turpicola* (Schlegel, 1837)

(*Ceratophrys turpicola* Schlegel, 1837; *Asterophrys steini* Ahl, 1932; *Asterophrys turpicola* (emend.))

Type: RMNH 2153 restricted to Triton Bay, Papua

Range: Papua, West Papua New Guinea

#### *Asterophrys leucopus* Richards, Johnston & Burton, 1994

Type: QM J 58650 from Stolle Mts, West Sepik, Papua New Guinea

Range: West Sepik, Papua New Guinea

#### *Asterophrys leopoldi* Witte, 1930

Type: IRSNB 1018 from Arfak Mts

Range: Vogelkop Peninsula, Papua

(Note: This form is considered as distinct based on Richards, Johnston & Burton (1994), who reported that specimens from Arfak Mts. (type not examined) are quite distinct compared to the two other species)

#### Genus *Barygenys* Parker, 1936

(*Baragenys* (sic.) Zweifel, 1956)

A genus with seven species

Type Species: *Barygenys cheesmanae* Parker, 1936 from Mt Tafa, Papua New Guinea

Generic range: New Guinea

#### *Barygenys atra* (Guenther, 1896)

(*Xenorhina atra* Guenther, 1896)

Type: BMNH 1947.2.10.78 from Clyde (Mambare) River Northern Province, Papua New Guinea

Range: Morobe and Northern Papua New Guinea

#### *Barygenys cheesmanae* Parker, 1936

Type: BMNH 1947.2.10.84 from Mt Tafa, Papua New Guinea

Range: Mt Tafa, Papua New Guinea, Papua

***Barygenys exsul*** Zweifel, 1956*(Baragenys exsul* Zweifel, 1956)

Type: AMNH 60103 from Abaleti, Rossel Island, Papua New Guinea

Range: Woodlark, Rossel &amp; Tagula Island Papua New Guinea

***Barygenys flavigularis*** Zweifel, 1972

Type: AMNH 82903 from Mt. Kaindi, Morobe, Papua New Guinea

Range: Morobe, Papua New Guinea

***Barygenys maculata*** Menzies & Tyler, 1977

Type: UPNG 5090 from Agaun, Milne Bay, Papua New Guinea

Range: Milne Bay, Papua New Guinea

***Barygenys nana*** Zweifel, 1972

Type: AMNH 76471 Daulo Pass, Eastern Highland, Papua New Guinea

Range: Papua New Guinea

***Barygenys parvula*** Zweifel, 1981

Type: BPBM 5689 from Wanuma, Adelbert Mts, Madang, Papua New Guinea

Range: Madang Province, Papua New Guinea

Note: An undescribed species was found recently from Papua

**Genus *Callulops*** Boulenger, 1888*(Phrynomatis* (part) Peters, 1867; *Pomatops* Barbour, 1901)

A genus with 15 species

Type Species: ***Callulops doriae*** Boulenger, 1888 from Milne Bay, Papua New Guinea

Generic range: Maluku, New Guinea

***Callulops boettgeri*** (von Méhelÿ, 1901)*(Phrynixalus montanus* (non Steyneger) Boettger, 1900; *Gnathophryne Boettgeri* von Méhelÿ, 1901)

Type: SMF 4200 from Galela, Halmahera

Range: N. Halmahera

***Callulops comptus*** (Zweifel, 1972)*(Phrynomantis humicola compta* Zweifel, 1972)

Type: AMNH 82887 from Tambul, Western Highland, Papua New Guinea

Range: Papua New Guinea

***Callulops doriae*** Boulenger, 1888*(Mantophryne neuhausi* Vogt, 1912)

Type: BMNH 1947.2.10.99 from Milne Bay, Papua New Guinea

Range: Milne Bay, Sudest Island, Papua New Guinea

***Callulops dubius*** (Boettger, 1895)*(Xenorhina dubia* Boettger, 1895)

Type: SMF4201 from North Halmahera

Range: N. Halmahera.

***Callulops eurydactylus*** (Zweifel, 1972)*(Phrynomantis eurydactyla* Zweifel, 1972)

Type: BPBM 1014 from Danowaria, Fakfak, Papua

Range: Papua, West Papua New Guinea

***Callulops fuscus*** (Peters, 1867)*(Phrynomantis fusca* Peters, 1867; *Hylophorbus amboinensis* Mertens, 1930)

Type: ZMB 5648a,b from Ambon, Maluku

Range: Ambon, Seram, Batanta

***Callulops glandulosus*** (Zweifel, 1972)*(Phrynomantis glandulosa* Zweifel, 1972)

Type: RMNH 16667 from Mt. Kerewa, South Papua New Guinea

Range: Mt. Kerewa, South Papua New Guinea

***Callulops humicola*** (Zweifel, 1972)*(Phrynomantis humicola* Zweifel, 1972)

Type: AMNH 66261 from Mt. Otto, Eastern highland, Papua New Guinea

Range: Papua New Guinea

***Callulops kopsteini*** (Mertens, 1930)*(Hylophorbus kopsteini* Mertens, 1930)

Type: RMNH 5310a,b,c from Sanana, Sula Island

Range: Sanana, Sula Island

***Callulops personatus*** (Zweifel, 1972)*(Phrynomantis personata* Zweifel, 1972)

Type: AMNH 74903 from Maprik, East Sepik, Papua New Guinea

Range: Sepik Prov, Papua New Guinea

***Callulops robustus*** (Boulenger, 1898)*(Mantophryne robusta* Boulenger, 1898; *Mantophryne microtis* Werner, 1901; *Liophryne kampeni* Boulenger, 1914; *Pomatops valvifera* Barbour, 1901)

Type: BMNH 1947.2.11.5-7 from St. Aignan, Mishima Island, Papua New Guinea

Range: Papua, Papua New Guinea

***Callulops sagittatus*** Richards, Burton, Cummingham & Dennis, 1995

Type: UPNG 9051 from Mt. Binnie, Western Papua New Guinea

Range: Western Papua New Guinea

***Callulops slateri*** (Loveridge, 1955)*(Asterophrys slateri* Loveridge, 1955)

Type: MCZ 28205 from Omati, Port Moresby, Papua New Guinea

Range: Papua, Papua New Guinea

***Callulops stictogaster* (Zweifel, 1972)**

(*Phrynomantis stictogaster* Zweifel, 1972)

Type: AMNH 74895 from Irumbofoie, Goroka, Papua New Guinea

Range: mountains of New Guinea

***Callulops wilhelmanus* (Loveridge, 1948)**

(*Asterophrys pansa wilhelmana* Loveridge, 1948)

Type: MCZ 25910 from Mt. Wilhelm, Madang, Papua New Guinea

Range: mountains of New Guinea

**Genus *Hylophorbus* Macleay, 1898**

(*Mantophryne* (part) Boulenger, 1897; *Metopostira* Ménély, 1901)

**A genus with three recognized species**

Type Species: ***Hylophorbus rufescens*** Macleay, 1898 from Katow, Daru, Papua New Guinea

Generic range: New Guinea

***Hylophorbus extimus* Zweifel, 1972**

(*Hylophorbus rufescens extimus* Zweifel, 1972)

Type: AMNH 60093 from Mt. Riu, Sudest Island, Papua New Guinea

Range: Lousiade, Papua New Guinea

***Hylophorbus myopicus* Zweifel, 1972**

(*Hylophorbus rufescens myopicus* Zweifel, 1972)

Type: AMNH 59979 from Kulumadau, Woodlark, Papua New Guinea

Range: Woodlark, Lousiade Isl., Papua New Guinea

***Hylophorbus rufescens* Macleay, 1898**

(*Mantophryne lateralis* Boulenger, 1897; *Metopostira ocellata* von Ménély, 1901; *Metopostira macra* van Kampen, 1906)

Type: AM R30826 from Katow, Daru, Western Province, Papua New Guinea

Range: New Guinea

**Note:** With the findings of various calls of *Hylophorbus rufescens* populations in concordant with slight colour differences from all over New Guinea, all the subspecies are elevated to full species and a dozen of species will be described in the near future.

**Genus *Mantophryne* Boulenger, 1897**

(*Phrynomantis* (part) Peters, 1867)

**A genus with three species**

Type Species: ***Mantophryne lateralis*** Boulenger, 1887 from Mt. Victoria, Papua New Guinea

Generic range: New Guinea

***Mantophryne infulata*** (Zweifel, 1972)

(*Phrynomantis infulata* Zweifel, 1972)

Type: AMNH 66687 from Arau, Kratke Mts, Papua New Guinea

Range: Kratke Mts, Papua New Guinea

***Mantophryne lateralis*** Boulenger, 1887

Type: BMNH 1947.2.11.2 from Mt. Victoria, Owen Stanley Range, Papua New Guinea

Range: North Papua, Papua New Guinea

***Mantophryne louisiadensis*** (Parker, 1934)

(*Asterophrys louisiadensis* Parker, 1934)

Type: BMNH 1947.2.11.1 from Rossel Island, Milne Bay, Papua New Guinea

Range: Rossel, Sudest Island, Papua New Guinea

**Genus *Pherohapsis*** Zweifel, 1972

A monotypic genus

Type Species: ***Pherohapsis menziesi*** Zweifel, 1972 from Sogeri, Port Moresby Papua New Guinea

Generic range: Sogeri and Brown River, Papua New Guinea

***Pherohapsis menziesi*** Zweifel, 1972

Type: AMNH 84452 from Larowari, Sogeri, Port Moresby Papua New Guinea

Range: Sogeri and Brown River, Papua New Guinea

**Genus *Xenobatrachus*** Peters & Doria, 1878

(*Choanacantha* Ménély, 1898)

A genus with 17 species

Type Species: ***Xenobatrachus ophiodon*** Peters & Doria, 1878 from Arfak Mountains, Papua

Generic range: New Guinea

***Xenobatrachus anorbis*** Blum & Menzies, 1988

Type: UPNG 5621 from Finimter, Hindenburg plateau, Star Mt. Papua New Guinea

Range: Star Mt., Jayawijaya, Papua, Papua New Guinea

***Xenobatrachus arfakianus*** Blum & Menzies, 1988

Type: UPNG 8203 from between Makwam and Minyambou, Arfak Mts., Papua

Range: Arfak Mts., Papua



***Xenobatrachus bidens*** (van Kampen, 1909)*(Xenorhina bidens* van Kampen, 1909)

Type: ZMA 5705 from Digul River, Papua

Range: South New Guinea

***Xenobatrachus fuscigula*** Blum & Menzies, 1988

Type: UPNG 3342 from Kaironk valley, Madang, Papua New Guinea

Range: Huon Peninsula, Papua New Guinea

***Xenobatrachus giganteus*** (van Kampen, 1915)*(Xenorhina gigantea* van Kampen, 1915)

Type: ZMA 5702 Bijenkorf Bivak, Lorentz River, Papua

Range: Lorentz River, Papua

***Xenobatrachus huon*** Blum & Menzies, 1988

Type: UPNG 7431 from Kua Valley, Rawlinson Mts, Morobe, Papua New Guinea

Range: Huon Peninsula, Papua New Guinea

***Xenobatrachus macrops*** (van Kampen, 1913)*(Xenorhina macrops* van Kampen, 1913)

Type: ZMA 5725 from Hellwig Mt., Papua

Range: Highlands of Papua

***Xenobatrachus mehelyi*** (Boulenger, 1898)*(Choanacantha mehelyi* Boulenger, 1898)

Type: MSNG 29112 from Vikaiku, Angabunga River, Papua New Guinea

Range: Border of South Papua to Papua New Guinea

***Xenobatrachus multisica*** Blum & Menzies, 1988

Type: UPNG 7405 from Munggona, Eipomek valley, Papua

Range: Eipomek and Famek valley, Papua

***Xenobatrachus obesus*** Zweifel, 1960

Type: AMNH 64247 from Maratambu, Adelbert Mts, Papua New Guinea

Range: North Papua, North Papua New Guinea

***Xenobatrachus ocellatus*** (van Kampen, 1913)*(Xenorhina ocellata* van Kampen, 1913)

Type: ZMA 5815, 5816, FMNH 100100 from Helwig Mts, Papua

Range: Lake Habbema, mountains of Papua

***Xenobatrachus ophiodon*** Peters & Doria, 1878

Type: MSNG 29129 from Hatam, Arfak Mts, Papua

Range: Arfak Mts, Papua

***Xenobatrachus rostratus*** (von Mehely, 1898)*(Choanacantha rostrata* von Mehely, 1898)

Type: MNH 2414, 2416 from Erima, Madang, Papua New Guinea (destroyed).

Neotype UPNG 1926 from Lower Kaironk Valley, Madang, Papua New Guinea

Range: North Papua, North and Central Papua New Guinea

***Xenobatrachus scheepstrai*** Blum & Menzies, 1988

Type: UPNG 7397 from Angguruk, Papua

Range: Angguruk, Papua

***Xenobatrachus schiefenhoeveli*** Blum & Menzies, 1988

Type: UPNG 7399 from Munggon, Eipomek valley, Papua

Range: Eipomek valley, Papua

***Xenobatrachus subcroceus*** Menzies & Tyler, 1977

Type: UPNG 4393 from Lae, Morobe, Papua New Guinea

Range: Lae, Papua New Guinea

***Xenobatrachus tumulus*** Blum & Menzies, 1988

Type: UPNG 7238, from Mambim, Adelbert Range, Madang, Papua New Guinea

Range: Adelbert Range, Madang, Papua New Guinea

**Genus *Xenorhina*** Peters, 1863

A genus with six species

Type Species: ***Bombinator oxycephalus*** Schlegel, 1858 from Triton Bay, Papua

Generic range: New Guinea

***Xenorhina bouwensi*** (Witte, 1930)*(Pseudengystoma bouwensi* Witte, 1930)

Type: MRHN 9223 from Arfak Mts, Papua

Range: Vogelkop Peninsula, Star Mts.

***Xenorhina eiponis*** Blum & Menzies, 1988

Type: AMNH 12834 from Munggon, Eipomek valley, Papua

Range: Eipomek valley, Papua

***Xenorhina minima*** (Parker, 1934)*(Asterophrys minima* Parker, 1934)

Type: ZMA 5818 from Went Mts, Papua

Range: Central Range of Papua

***Xenorhina oxycephala*** (Schlegel, 1858)*(Bombinator oxycephalus* Schlegel, 1858; *Xenorhina stresmanni* Ahl, 1932)

Type: RMNH 2280a,b from Triton Bay, Papua

Range: West and North Papua

***Xenorhina parkerorum*** Zweifel, 1972

Type: MCZ 81678 from Imigabip Telefonim, Papua New Guinea

Range: Central Mts of Papua &amp; Papua New Guinea

***Xenorhina similis*** (Zweifel, 1956)*(Asterophrys similis* Zweifel, 1956)

Type: AMNH 43722 from Lake Habbema, Papua

Range: Central Mts of Papua &amp; Papua New Guinea

**GENYOPHRYINAE:****Genus *Albericus*** Burton & Zweifel, 1995

A genus with twelve species

Type Species: ***Cophixalus biroi darlingtoni*** Loveridge, 1948 from Papua New Guinea

Generic range: mountainous regions of New Guinea

***Albericus brunhildae*** Menzies, 1999

Type: UPNG 7192 from Mamdimap, Adelberg range, Madang Province, Papua New Guinea

Range: Papua New Guinea

***Albericus darlingtoni*** (Loveridge, 1948)*(Cophixalus biroi darlingtoni* Loveridge, 1948)

Type: MCZ 25930 from Toromanbanau, 2300 m alt, Bismarck Range, Madang Province, Papua New Guinea

Range: Papua New Guinea

***Albericus fafnisi*** Menzies, 1999

Type: UPNG 3480 from Mt. Elimbari, 2500 m alt., Simbu Province, Papua New Guinea

Range: Papua New Guinea

***Albericus gudrunae*** Menzies, 1999

Type: UPNG 8124 from near Kowat, 900 m alt., Adelberg Range, Madang Province, Papua New Guinea

Range: Papua New Guinea

***Albericus gunnari*** Menzies, 1999

Type: UPNG 5240 from Aieme Creek, 450 m alt., Central Povince, Papua New Guinea

Range: Papua New Guinea

***Albericus rhenaurum*** Menzies, 1999

Type: UPNG 4417 from Moiyokabip, 1200 m alt, Western Fly River Prov, Papua New Guinea

Range: Papua New Guinea

***Albericus siegfriedi*** Menzies, 1999

Type: UPNG 3480 from Mt. Elimbari, 2500 m alt. Simbu Province, Papua New Guinea

Range: Papua New Guinea

***Albericus swanhildae*** Menzies, 1999

Type: UPNG 5572, 16 km NE Mendi, 2500 m. Alt., Southern Highland Province, Papua New Guinea

Range: Papua New Guinea

***Albericus tuberculus*** Richards, Johnston & Burton, 1992

Type: UPNG 8441 from Mt. Akrik, 1625 m alt., Western Fly River Province

Range: Papua New Guinea

***Albericus valkuriarum*** Menzies, 1999

Type: UPNG 9454 from Hidden Valley, 2600 m alt., 14 km SSE Wau, Southern Highland Province, Papua New Guinea

Range: Papua New Guinea

***Albericus variegatus*** (van Kampen, 1923)

(*Hylophorbus variegatus* van Kampen, 1923)

Type: ZMA 5706 from Upper Digul, Merauke

Range: Papua

(Note: A new species was recorded from Wondiwoi Peninsula, but we have not seen the paper)

**Genus *Aphantophryne*** Fry, 1917

A genus with three species

Type Species: ***Aphantophryne pansa*** Fry, 1917 from Mt. Scratchley, Owen Stanley, Papua New Guinea

Generic range: Papua New Guinea

***Aphantophryne minuta*** Zweifel & Parker, 1989

Type: AMNH 130297 from Mt. Bellamy, Northern Papua New Guinea

Range: Mt. Bellamy, Northern Papua New Guinea

***Aphantophryne pansa*** Fry, 1917

Type: AM R5238 Mt. Scratchley, Owen Stanley range, Papua New Guinea

Range: Owen Stanley range, Morobe, Papua New Guinea

***Aphantophryne sabini*** Zweifel & Parker, 1989

Type: AMNH 130298 from Mt. Bellamy, Northern Papua New Guinea

Range: Mt. Bellamy, Northern Papua New Guinea

**Genus *Austrochaperina* Fry, 1912**

A genus with two species?

Type Species: *Austrochaperina robusta* Fry, 1912 from Cape of York, Australia

Generic range: South New Guinea, Australia

***Austrochaperina adamantina* Zweifel, 2000**

Type: AMNH A 78185 from West Sepik Province, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina aquilonia* Zweifel, 2000**

Type: AMNH A 78186 from West Sepik Province, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina archboldi* Zweifel, 2000**

Type: AMNH A 66719 from Arau, Kratke Mts, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina basipalmata* (van Kampen, 1906)***(Chaperina basipalmata* van Kampen, 1906; *Chaperina quatuorlobata* Wandolleck, 1911)

Type: ZMA 5875 from Timena River

Range: Northern Papua, Mt. Bougainville, West Sepik, Toricelli Mts, Papua New Guinea

***Austrochaperina blumi* Zweifel, 2000**

Type: MZB 3562 (UPNG 9538) from Kosarek, 1400 m, Jayawijaya

Range: Papua, Papua New Guinea

***Austrochaperina brevipes* (Boulenger, 1897)***(Liophryne brevipes* Boulenger, 1897)

Type: BMNH 1947.2.12.50 from Mt. Victoria, Owen Stanley Range, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina derongo* Zweifel, 2000**

Type: AMNH A 82289 from Mt. Derongo, Western Province, Papua New Guinea

Range: Papua, Papua New Guinea

***Austrochaperina gracillipes* Fry, 1912***(Sphenophryne robusta* Zweifel, 1965, part)

Type: AMS R4536 from Somerset, Cape of York, Australia

Range: Cape of York, Australia and South Papua New Guinea, probably Papua

***Austrochaperina guttata* Zweifel, 2000**

Type: MCZ A 92812 from Mt. Kokori, Gulf Province, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina hooglandi*** (Zweifel, 1967)

(*Sphenophryne hooglandi* Zweifel, 1967)

Type: AMNH A77597 from mt Hunstein, Sepik District, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina kosarek*** Zweifel, 2000

Type: MZB 3561 (UPNG 9532) from Kosarek, Mt. Jayawijaya, Papua

Range: Papua

***Austrochaperina macrorhyncha*** (van Kampen, 1906)

(*Chaperina macrorhyncha* van Kampen, 1906; *Chaperina basipalmata* van Kampen, 1906; *Chaperina punctata* van Kampen, 1913)

Type: RMNH 4630 from Manikion, Papua

Range: uplands of Papua and Southern Papua

***Austrochaperina mehelyi*** (Parker, 1934)

(*Chaperina fusca* (non Mocquard, 1892) von Mehely, 1901; *Sphenophryne mehelyi* Parker, 1934)

Type: MNH 2414/11 from Satelberg, Moroko Province, Papua New Guinea (destroyed)

Range: Papua New Guinea

***Austrochaperina novaebritanniae*** Zweifel, 2000

(*Sphenophryne mehelyi* (non Parker, 1934) Tyler, 1967)

Type: AMNH A 83058 from Rabaul, East New Britain Province, Papua New Guinea.

Range: Papua New Guinea

***Austrochaperina palmipes*** (Zweifel, 1956)

(*Sphenophryne palmipes* Zweifel, 1956)

Type: AMNH A 57331 from Mt. Dayman, Maneau Range, Milne Bay Province, Papua New Guinea.

Range: Papua New Guinea, Huon Peninsula, d'Entrecasteaux, Goodenough and Noormanby islands.

***Austrochaperina parkeri*** Zweifel, 2000

(*Sphenophryne mehelyi* Zweifel, 1967, part)

Type: MCZ A89220 from Lae, Morobe Province, Papua New Guinea

Range: Papua New Guinea

***Austrochaperina polysticta*** (von Mehely, 1901)

(*Chaperina polysticta* von Mehely, 1901)

Type: MNH 2414/12 from Satelberg, Morobe Papua New Guinea (destroyed)

Range: Satelberg, Morobe Papua New Guinea

***Austrochaperina rivularis*** Zweifel, 2000

(*Sphenophryne macrorhyncha* Zweifel, 1967, part)

Type: AMNH A 139551 from Finalbin, Tabubil, Western Province, Papua New Guinea.

Range: Papua New Guinea.

***Austrochaperina yelaensis*** Zweifel, 2000

Type: AMNH A 135406 from Mt. Rossel, Yela Island, Milne Bay Province, Papua New Guinea.

Range: Papua New Guinea.

**Genus *Choerophryne*** van Kampen 1915

A monotypic genus

Type Species: ***Choerophryne proboscidea*** van Kampen, 1915 = ***Copiula rostellifer*** Wandolleck, 1911 from Tor River, Nyao, Papua

Generic range: North Papua & North Papua New Guinea

***Choerophryne rostellifer*** (Wandolleck, 1911)

(*Copiula rostellifer* Wandolleck, 1911; *Choerophryne proboscidea* van Kampen, 1915)

Type: MTKD D2210 destroyed, from Torricelli Mts, West Sepik, Papua New Guinea

Range: North Papua & North Papua New Guinea

**Genus *Cophixalus*** Boettger, 1892

A genus with 17 species

Type Species: ***Sphenophryne verrucosa*** Boulenger, 1898 from Moroka, Papua New Guinea

Generic range: Maluku, New Guinea, Australia

***Cophixalus ateles*** (Boulenger, 1898)

(*Sphenophryne ateles* Boulenger, 1898)

Type: MSNG 29116 from Moroka, Central Province, Papua New Guinea

Range: Central Province, Papua New Guinea

***Cophixalus biroi*** (von Mehely, 1901)

(*Phrynixalus Biroi* von Mehely, 1901)

Type: BMNH 1901.3.9.2 from Sattelberg, Morobe, Papua New Guinea

Range: North New Guinea, Papua

***Cophixalus cheesmanae*** Parker, 1934

Type: BMNH 1947.2.11.97 from Kokoda, Northern Province, Papua New Guinea

Range: Eastern Papua New Guinea

***Cophixalus cryptotympanum*** Zweifel, 1956

Type: AMNH 56842 from Mt. Dayman, Milne Bay, Papua New Guinea  
Range: East Papua New Guinea

***Cophixalus daymani*** Zweifel, 1956

Type: AMNH 56879 from Mt. Dayman, Milne Bay, Papua New Guinea  
Range: Mt. Dayman, Milne Bay, Papua New Guinea

***Cophixalus kaindiensis*** Zweifel, 1979

Type: AMNH 82904 from Mt. Kaindi, Morobe, Papua New Guinea  
Range: Morobe, Papua New Guinea

***Cophixalus nubicola*** Zweifel, 1962

Type: AMNH 66581 from Mt. Michael, Eastern Highland, Papua New Guinea  
Range: Eastern Highland, Papua New Guinea

***Cophixalus parkeri*** Loveridge, 1948

Type: MCZ 25940 from Mt. Wilhelm, Bismarck range, Madang, Papua New Guinea

Range: Central Mountains, Chimbu and Madang, Papua New Guinea

***Cophixalus pipilans*** Zweifel, 1980

Type: AMNH 83004 from Sempì, Alexishafen, Madang, Papua New Guinea  
Range: Morobe & Madang, Papua New Guinea

***Cophixalus riparius*** Zweifel, 1962

Type: AMNH 65975 from Pengagl Creek, Mt. Wilhelm, Madang, Papua New Guinea

Range: Central Mountains, Chimbu and Madang, Papua New Guinea

***Cophixalus shellyi*** Zweifel, 1956

Type: AMNH 58551 from Kondiu, Wahgi River, Chimbu, Papua New Guinea  
Range: Chimbu, Wau, Central Highland, Morobe, Adelbert Mt., Papua New Guinea

***Cophixalus sphagnicola*** Zweifel & Allison, 1982

Type: AMNH 83077 Mt. Kaindi, Morobe, Papua New Guinea  
Range: Wau, Morobe, Papua New Guinea

***Cophixalus tagulensis*** Zweifel, 1963

Type: AMNH 60066 from Mt. Riu, Tagula Island, Louisiade Arch., Papua New Guinea

Range: Tagula Island, Louisiade Arch., Papua New Guinea

***Cophixalus verecundus*** Zweifel & Parker, 1989

Type: AMNH 130405 from Mt. Bellamy, Northern Papua New Guinea  
Range: Mt. Bellamy, Northern Papua New Guinea



***Cophixalus verrucosus*** (Boulenger, 1898)

(*Sphenophryne verrucosa* Boulenger, 1898)

Type: MSNG 29934 from Moroka, Central Province, Papua New Guinea

Range: South, East Papua New Guinea, D'Entrecasteaux and Louisiade Islands

**Genus *Copiula*** Méhelÿ, 1901

A genus with six species

Type Species: ***Phrynixalus oxyrhinus*** Boulenger, 1898 from Misima Island, Papua New Guinea

Generic range: New Guinea, Solomon

***Copiula fistulans*** Menzies & Tyler, 1977

Type: SAMA R14497 from Lae, Morobe, Papua New Guinea

Range: Finschhafen, Morobe, Popondeta Northern lowlands of Papua New Guinea

***Copiula minor*** Menzies & Tyler, 1977

Type: UPNG 5435 from Oidamawa'a Peak, Goodenough Island, Papua New Guinea

Range: Goodenough Island, Papua New Guinea

***Copiula oxyrhina*** (Boulenger, 1898)

(*Phrynixalus oxyrhinus* Boulenger, 1898)

Type: BMNH 1947.2.12.1-5 from Mishima, Milne Bay, Papua New Guinea

Range: Mishima, Milne Bay, Papua New Guinea

***Copiula pipiens*** Burton & Stocks, 1986

Type: SAM R 29779 from Wirui, Wewak, Papua New Guinea

Range: Papua New Guinea

***Copiula tyleri*** Burton, 1990

Type: AMNH 77542 from Mt Hunstein, West Sepik Province, Papua New Guinea

Range: Papua, Papua New Guinea

(Note: several undescribed forms are recorded from several localities)

**Genus *Genyophryne*** Boulenger, 1890

A monotypic genus

Type Species: ***Genyophryne thomsoni*** Boulenger, 1890 from Tagula Island, Papua New Guinea

Range: East Papua New Guinea and satellite Islands

***Genyophryne thomsoni*** Boulenger, 1890

(*Genyophryne Thomsoni* Boulenger, 1890)

Type: BMNH 1947.2.10.46 from Tagula Island, Milne Bay, Papua New Guinea

Range: Eastern Papua New Guinea

**Genus *Liophryne*** Boulenger, 1897

A genus with six species

Type Species: ***Liophryne rhododactyla*** Boulenger, 1897 from Mt. Victoria Owen Stanley Range, Papua New Guinea

Generic range: New Guinea, New Britain

***Liophryne allisoni*** Zweifel, 2000

Type: AMNH A 81221 from Wau, Mt Kaindi, Morobe Province, Papua New Guinea

Range: South Papua New Guinea.

***Liophryne dentata*** (Tyler & Menzies, 1971)

(*Sphenophryne dentata* Tyler & Menzies, 1971)

Type: SAMA R12063 from Alotau, Milne Bay Province, Papua New Guinea

Range: Alotau, Mt. Dayman, Milne Bay Province, Papua New Guinea

***Liophryne rhododactyla*** (Boulenger, 1897)

Type: BMNH 1947.2.12.47-49 from Mt. Victoria Owen Stanley Range, Papua New Guinea

Range: Central Province, Owen Stanley Range, Wau, Papua New Guinea

***Liophryne rubra*** Zweifel, 2000

Type: UPNG 93612 from Mt. Opio, West Highland Province, Papua New Guinea

Range: Papua New Guinea

***Liophryne schlaginhaufeni*** (Wandolleck, 1911)

(*Sphenophryne schlaginhaufeni* Wandolleck, 1911; *Sphenophryne klossi* Boulenger, 1914; *Sphenophryne macrorhyncha* van Kampen, 1923, part; *Sphenophryne basipalmata* Nieden, 1926)

Type: MTKD D2212a,b, from Rienjamur, Toricelli Mts, West Sepik, North Province, Papua New Guinea (destroyed).

Range: Central Papua, Chimbu and North Coast of Papua New Guinea

***Liophryne similis*** Zweifel, 2000

Type: AMNH A 130570 from Myola Guest House, North Province, Papua New Guinea

Range: North Province, Papua New Guinea

**Genus *Microbatrachus*** Roux, 1910

A doubtful monotypic genus

Type Species: *Microbatrachus pusillus* Roux, 1910 from Aru island

Generic range: Aru Island

***Microbatrachus pusillus*** Roux, 1900

Type: NHMB 2732 from Pobjetur Terangan, Aru Island

Range: Aru Island.

**Note:** the status of this species (and genus) is unclear as it was described based on a single immature specimen.**Genus *Oreophryne*** Boettger, 1895*(Méhélya* Wandolleck, 1911; *Phrynixalus* Stejneger, 1908)

A genus with 26 species

Type Species: *Oreophryne senckenbergiana* Boettger, 1895 = *Microhyla achatina* var. *moluccensis* Peters & Doria, 1878 from Halmahera Island

Generic range: S. Philippines, Sulawesi, Bali, Nusa Tenggara, Maluku, New Guinea, New Britain

***Oreophryne albopunctata*** (van Kampen, 1909)*(Sphenophryne albopunctata* van Kampen, 1909)

Type: ZMA 5821-22 from North Lorentz River near Sabang, Papua

Range: North Lorentz River, Papua

***Oreophryne annulata*** (Stejneger, 1908)*(Phrynixalus annulatus* Stejneger, 1908 *Chaperina visayana* Taylor, 1920)

Type: USNM 35399 from Davao, Mindanao, Philippines

Range: Mindanao and Biliran Island, Philippines

***Oreophryne anthonyi*** (Boulenger, 1897)*(Sphenophryne anthonyi* Boulenger, 1897)

Type: BMNH 1947.2.13.34-40; MCZ 2896 from Mt. Victoria, Owen Stanley

Range, Papua New Guinea

Range: South Eastern Papua New Guinea

***Oreophryne biroi*** (von Mehely, 1897)*(Sphenophryne biroi* von Mehely, 1897; *Sphenophryne mertoni* Roux, 1910; *Mehelyia lineata* Wandolleck, 1911, *Mehelyia affinis* Wandolleck, 1911)

Type: MNH 21268/3 destroyed, (destroyed in 1956), NHMW 19825 MZUT

An567 and BM 1901.3.9.2 from near Friedrich Wilhelmshafen

Madang, Papua New Guinea

Range: New Guinea

***Oreophryne brachypus*** (Werner, 1898)

(*Hylella brachypus* Werner, 1898)

Type: ZMB 14666; 15473a,b from Ralum, Gazelle Peninsula, New Britain

Range: Extreme East New Britain

***Oreophryne brevicrus*** Zweifel, 1956

Type: AMNH 43669 from Lake Habbema, Papua

Range: Central Mountain Range of Papua and Western Papua New Guinea

**\**Oreophryne celebensis*** (F. Mueller, 1894)

(*Sphenophryne celebensis* F. Mueller, 1894)

Type: NHMB 1340 from Bulawa Mts, & Totoiya Valley, Mt. Dua Saudara, Minahasa

Range: N. Sulawesi

***Oreophryne crucifera*** (van Kampen, 1913)

(*Cophixalus crucifer* van Kampen, 1913)

Type: ZMA 5819, 5820 from Went Mts., Papua

Range: Went Mts., Papua

***Oreophryne flava*** Parker, 1934

Type: ZMA 5823 from Lorentz River, Papua

Range: Central Mountains, Papua

***Oreophryne frontifasciata*** (Horst, 1883)

(*Callula frontifasciata* Horst, 1883)

Type: RMNH 1807 from Morotai, Maluku Indonesia

Range: Morotai, Maluku, Gag

***Oreophryne geislerorum*** (Boettger, 1892)

(*Cophixalus geislerorum* Boettger, 1892)

Type: SMF 4197 from Kaizer Wilhelmsland, North Papua New Guinea

Range: Eastern Huon Peninsula, Papua New Guinea

***Oreophryne idenburgensis*** Zweifel, 1956

Type: AMNH 49663 from Bernhard Camp, Idenburg River, Mamberamo, Papua

Range: Mamberamo, Papua

***Oreophryne inornata*** Zweifel, 1956

Type: AMNH 57000 from Goodenough Island, D'Entecasteaux, Milne Bay, Papua New Guinea

Range: Goodenough Island, D'Entecasteaux, Papua New Guinea

***Oreophryne insulana*** Zweifel, 1956

Type: AMNH 57267 from Goodenough Island, D'Entecasteaux, Milne Bay, Papua New Guinea

Range: Goodenough Island, D'Entecasteaux, Milne Bay, Papua New Guinea

***Oreophryne jeffersoniana*** Dunn, 1928

(*Oreophryne darewskyi* Mertens, 1965)

Type: AMNH 24530 from Komodo Island

Range: Sumbawa, Rinca, Komodo, W. Flores

***Oreophryne kampeni*** Parker, 1934

Type: BMNH 1947.2.12.14 from Moroka, Papua New Guinea

Range: Moroka, Papua New Guinea

***Oreophryne loriae*** (Boulenger, 1898)

(*Sphenophryne loriae* Boulenger, 1898)

Type: BMNH from Moroka, Bartholomew Range, Papua New Guinea

Range: Papua New Guinea

***Oreophryne moluccensis*** (Peters & Doria, 1878)

(*Microhyla achatina* var. *moluccensis* Peters & Doria, 1878; *Oreophryne senckenbergiana* Boettger, 1895)

Type: MSNG 29132 from Acqui Conora, Ternate or Bacan, Maluku

Range: Ternate, Bacan, Halmahera?

***Oreophryne monticola*** (Boulenger, 1897)

(*Sphenophryne monticola* Boulenger, 1897)

Type: BMNH 1947.2.12.26-32; MCZ 2897 from Sembalun, Lombok

Range: Bali, Lombok

***Oreophryne nana*** Brown & Alcalá, 1967

Type: CAS-SU 22055 from Mt. Hibok-hibok, Nacawa volcano, Camiguin Island

Range: Mt. Hibok-hibok, Nacawa volcano, Camiguin Island

***Oreophryne parkeri*** Loveridge, 1955

Type: MCZ 12964 from Matapan, West Sepik, Papua New Guinea

Range: Matapan, West Sepik, Papua New Guinea

***Oreophryne rookmaakeri*** Mertens, 1927

Type: SMF 22090 from Rana Mese, Flores, Nusa Tenggara

Range: Rana Mese, Flores, Nusa Tenggara

**\**Oreophryne variabilis*** (Boulenger, 1896)

(*Sphenophryne variabilis* Boulenger, 1896)

Type: NHMB 1350 from Bonthain Peak, Mt. Lompobatang, S. Sulawesi

Range: Mt. Lompobatang, S. Sulawesi

***Oreophryne wolterstorffi*** (Werner, 1901)

(*Hyllola wolterstorffi* Werner, 1901)

Type: ZMB 16853 from Northern Papua New Guinea

Range: Northern Papua New Guinea

**\**Oreophryne zimmeri*** Ahl, 1933

Type: ZMB 34321 from Tanke Saloko, Mengkoka Mt., SE Sulawesi

Range: Mengkoka Mt., SE Sulawesi

(Note: More than four dozen of undescribed species are found from Papua and Papua New Guinea.

(\*) All three species from Sulawesi might belong to an undescribed genus → see *Kaloula*)

**Genus *Oxydactyla*** van Kampen, 1923

A genus with five species

Type Species: *Oxydactyla brevicrus* van Kampen, 1923 from Helwig Mt, Trikora Peak, Papua

Generic range: New Guinea, New Britain

***Oxydactyla alpestris*** Zweifel, 2000

(*Sphenophryne brevicrus* Zweifel, 1956, part)

Type: AMNH A 76584 from gomgale Pass, Kundiawa, Simbu Province, Papua New Guinea

Range: Papua New Guinea

***Oxydactyla brevicrus*** van Kampen, 1913

Type: ZMA 5714 from Helwig Mt, Trikora Peak, Papua

Range: Papua

***Oxydactyla coggeri*** Zweifel, 2000

Type: AMS R22851 from Fungoi, Kaironk Valley, Madang Province, Papua New Guinea

Range: Papua New Guinea

***Oxydactyla crassa*** (Zweifel, 1956)

(*Sphenophryne crassa* Zweifel, 1956)

Type: AMNH A 56803 from Mt. Dayman, Milne Bay, Papua New Guinea

Range: Mt. Dayman, Milne Bay, Papua New Guinea

***Oxydactyla stenodactyla*** Zweifel, 2000

Type: AMNH A 66047 from Piunde Aunde Lake, Mt. Wilhelm, Simbu Province, Papua New Guinea

Range: Papua New Guinea

**Genus *Sphenophryne*** Peters & Doria, 1878

A monotypic genus

Type Species: *Sphenophryne cornuta* Peters & Doria, 1878 from Wa Samson River, Vogelkop Peninsula

Generic range: New Guinea, New Britain, Cape of York, Australia

***Sphenophryne cornuta*** Peters & Doria, 1878

(*Cornufer unicolor* Tshudi, 1838, part; *Chaperina ceratophthalmus* van Kampen, 1909; ?*Chaperina friedericii* Sternfeld, 1918)

Type: MSNG 29479 from Wa-Samson River, Vogelkop Peninsula, Papua

Range: Vogelkop Peninsula, Papua, Papua New Guinea

Note: As the genus *Sphenophryne* is split into four genera, *Austrochaperina*, *Liophryne*, *Oxydactyla* and probably *Microbatrachus*, the genus *Sphenophryne* contains only a single species.

**DISCOPHINAE:****Genus *Calluella*** Stoliczka, 1872

(*Colpoglossus* Boulenger, 1904; *Dyscophina* van Kampen, 1905; *Calligutus* Barbour & Noble, 1916)

A genus with six species

Type Species: ***Megalophrys guttulata*** Blyth, 1856 from Pegu, Myanmar

Generic range: Southeast Asia, Peninsular Malaysia, Sumatra, Borneo

***Calluella brooksi*** (Boulenger, 1904)

(*Colpoglossus brooksi* Boulenger, 1904)

Type: BMNH 1903.11.24.3 from Bidi, Sarawak

Range: N. Borneo

***Calluella flava*** Kiew, 1984

Type: BMNH 1978.1599 from Mulu Mt, Sarawak

Range: Sarawak, Borneo

***Calluella guttulata*** (Blyth, 1856)

(*Megalophrys guttulata* Blyth, 1856)

Type: ZSI or BMNH (both lost) from Sitang River, Pegu, Myanmar

Range: Myanmar, Thailand, Vietnam, Laos, Kampuchea, Peninsular Malaysia

***Calluella smithi*** (Barbour & Noble, 1916)

(*Calligutus smithi* Barbour & Noble, 1916)

Type: MCZ 3797 from Limbang River, North Sarawak

Range: North Borneo

***Calluella volzi*** (van Kampen, 1905)

(*Dyscophina volzi* van Kampen, 1905)

Type: ZMA 587 from Tanjung Laut, N. Sumatra

Range: Sumatra

**MICROHYLINAE:****Genus *Chaperina*** Mocquard, 1892

A monotypic genus

Type Species: *Chaperina fusca* Mocquard, 1892 from Sintang, Borneo

Generic range: Peninsular Malaysia, Sumatra?, Borneo, Palawan

***Chaperina fusca*** Mocquard, 1892

(*Microhyla leucostigma* Boulenger, 1899; *Chaperina beyeri* Taylor, 1920; *Nectophryne picturata* Smith, 1921)

Type: MNHN 91-49 from Sintang, Borneo

Range: Peninsular Malaysia, Sumatra?, Borneo, Palawan, Mindanao

**Genus *Gastrophrynoides*** Noble, 1926

A monotypic genus

Type Species: *Engystoma borneense* Boulenger, 1897 from Baram River, Sarawak

Range: Sumatra?, Borneo

***Gastrophrynoides borneensis*** (Boulenger, 1897)

(*Engystoma borneense* Boulenger, 1897)

Type: BMNH 1947.2.11.57 from Baram River, Sarawak

Range: Sumatra?, Borneo

**Genus *Glyphoglossus*** Guenther, 1868

A monotypic genus

Type Species: *Glyphoglossus molossus* Guenther, 1868 from Pegu, Myanmar

Range: Vietnam, Myanmar, Thailand

***Glyphoglossus molossus*** Guenther, 1868

Type: BMNH 68.4.3.102 from Pegu, Myanmar

Range: Vietnam, Myanmar, Thailand

**Genus *Kalophrynus*** Tschudi, 1830

(*Calophrynus* Peters, 1871)

A genus with about a dozen species

Type Species: *Kalophrynus pleurostigma* Tschudi, 1838 from Sumatra

Generic range: SE Asia, Peninsular Malaysia, Sumatra, Borneo, Java, Mindanao



***Kalophrynus baluensis*** Kiew, 1984

Type: BMNH 1929.12.22.51 from Kamborangah, Mt. Kinabalu, Sabah

Range: Borneo

***Kalophrynus bunguranus*** (Guenther, 1895)*(Diplopelma bunguranum* Guenther, 1895)

Type: BMNH 1947.2.11.38-41 from Natuna Besar.

Range: Natuna

**?*Kalophrynus celebensis*** (Peters, 1872, n.n.)*(Calohyla celebensis* (non *Hylaedactylus celebensis* Günther, 1859 "1858") Peters, 1872, n.n.)

Type: BMNH from Sulawesi

Range: Sulawesi?

(Note: According to Parker, this is a synonym of *Kaloula baleata*. The Peters specimen (ZMB 7422 from Gorontalo and a specimen at RMNH from Manado) is closely related to *Kalophrynus pleurostigma* or *K. punctatus*)

***Kalophrynus heterochirus*** Boulenger, 1900*(Kalophrynus heterochirus* Boulenger, 1900)

Type: BMNH 1909.8.18.6-7 from Borneo

Range: Borneo

***Kalophrynus interlineatus*** Blyth, 1855*(Kalophrynus pleurostigma sinensis* Peters, 1867)

Type: ZSI 9853 (+BMNH 1868.4.3.128-129) from Pegu, Myanmar

Range: China, Myanmar, Laos, Thailand

***Kalophrynus intermedius*** Inger 1966

Type: FMNH 139348 from Nanga Tekalit, Sarawak

Range: Borneo

***Kalophrynus minusculus*** Iskandar, 1998*(Kalophrynus pleurostigma interlineatus* (part), Mertens, 1957)

Type: MZB 367 from Cigenter, Ujung Kulon, W. Java

Range: Java, South Sumatra

***Kalophrynus nubicola*** Dring, 1983

Type: BMNH 1978.99 from Mt. Mulu, Sarawak

Range: Borneo

***Kalophrynus palmatissimus*** Kiew, 1984

Type: BMNH 1982.1508 from Pasoh, Negeri Sembilan

Range: Peninsular Malaysia

***Kalophrynus pleurostigma*** Tschudi, 1838*(Bufo studeri* Issenschmid, 1903; *Kalophrynus acutirostris* Boettger, 1897; *Kalophrynus stellatus* Stejneger, 1908)

Type: RMNH 2278 from Sumatra

Range: Peninsular Malaysia, Sumatra, Java, Borneo, Mindanao, Samar, Cullion, Bohol

(Note: Bornean populations have different dorsal pattern compared to the Sumatran populations)

***Kalophrynus punctatus* Peters, 1871**

(*Calophrynus punctatus* Peters, 1871)

Type: MSNG 29130 from Sarawak

Range: Mentawai?, Borneo

(Note: The status of the specimens from Mentawai Islands population needs reevaluation, because it might represent an undescribed species)

***Kalophrynus robinsoni* Smith, 1922**

Type: BMNH 1923.5.14.29 from Kuala Teku, Pahang

Range: Peninsular Malaysia

***Kalophrynus subterrestris* Inger, 1966**

Type: FMNH 150421 Seran River, Bintulu, Sarawak

Range: Borneo

**Genus *Kaloula* Gray, 1831**

(*Plectropus* Duméril & Bibron, 1841; *Hylaedactylus* Peters, 1863; *Holonectes* Peters, 1863; *Callula* Guenther, 1858; *Calohyla* Guenther, 1858?)

A genus with about a dozen species

Type Species: ***Kaloula pulchra*** Gray, 1831 from China

Generic range: Korea, South to Java, Nusa Tenggara, Sulawesi, Philippines

***Kaloula baleata baleata* (Müller, 1836)**

(*Bombinator baleatus* Muller, 1836; *Hylaedactylus balteatus* var. *concatenata* Lichtenstein and Martens, 1856, *Hylaedactylus lividus* Bleeker, 1857, n.n., *Hylaedactylus celebensis* Günther, 1859 "1858")

Type: RMNH 2218 from Karawang or Leuwi Gajah, Cimahi

Range: Peninsular Malaysia, Sumatra, Borneo, Java, Sulawesi, Nusa Tenggara

(Note: See *Kalophrynus celebensis*)

***Kaloula baleata ghoshi* Cherchi, 1954**

Type: MSNG a,b from Andaman

Range: Andaman

***Kaloula conjuncta conjuncta* (Peters, 1863)**

(*Hylaedactylus (Holonectes) conjunctus* Peters, 1863)

Type: ZMB 4922; NHMW 22888; 23554 from Luzon, Philippine

Range: Luzon, Mindanao

***Kaloula conjuncta negrosensis* Taylor, 1922**

Type: CAS 62124 (EHT 583). from Hinigaran, Negros, Philippine

Range: Negros, Philippine

***Kaloula conjuncta stickeli*** Inger, 1954

Type: FMNH 60786 from Carigara, Leyte

Range: Leyte, Philippines

***Kaloula conjuncta meridionalis*** Inger, 1954

Type: FMNH 50754 from Madaum, Davao, Mindanao

Range: Mindanao

(Note: Some of the subspecies will be elevated to full species)

***Kaloula kalingensis*** Taylor, 1922

Type: CAS? (EHT 824) from Balbalan, Luzon

Range: Luzon

***Kaloula kokacii*** Ross & Gonzales, 1991

Type: PNM 2043 from Buadan River Catanduanes Island.

Range: Catanduanes Island

***Kaloula macrodactyla*** (Boulenger, 1887)*(Callula macrodactyla* Boulenger, 1887)

Type: BMNH / MSNG 29467 from Kaw-ka-riet, about 30 miles from Moulmein, at the foot of the Dawn Chain, Tenasserim

Range: Myanmar

(Note: this species might be a synonym of *Kaloula pulchra*)***Kaloula mediolineata*** (Smith, 1917)*(Callula mediolineata* Smith, 1917)

Type: BMNH 1916.4.17.3; 1917.5.14.41-44 from Prachuap, Kirikan, SW. Thailand

Range: SW. Thailand

***Kaloula picta*** (Duméril & Bibron, 1841)*(Plectropus pictus* Duméril & Bibron, 1841)

Type: MNHN 5027 from Manila, Luzon

Range: Luzon, Mindanao

***Kaloula pulchra pulchra*** Gray, 1831*(Hylaedactylus bivittatus* Cantor, 1847)

Type: BMNH ? from China

Range: India, China, Myanmar, Thailand, Peninsular Malaysia, Philippines, Sumatra (intr.), Borneo (intr.), Sulawesi (intr.), Flores (intr.)

***Kaloula pulchra macrocephala*** Bourret, 1942:

Type: LSNUH 35-36 (now MNHN). from "Tonkin?"

Range: Tonkin, Vietnam

(Note: (1) Another subspecies have been described from Hainan island. (2) It is possible that some of the introduced records might apply to *Kaloula taprobanica* from Srilanka, based on the reddish colour and from its small size)

***Kaloula rigida*** Taylor, 1922

Type: CAS 61475 from Balbalam, Kalinga, Luzon

Range: Luzon

Note: The genus will be eventually splitted to accommodate small Philippine species and probably some Sulawesian *Kaloula* and *Oreophryne*. For this reason, *Plectropus* or *Holonectes* are available (2) A new form is found from Central Sulawesi.

**Genus *Metaphrynella*** Parker, 1934*(Calohyla* Peters, 1867)**A genus with two species**Type Species: ***Phrynella pollicaris*** (Boulenger, 1890) from Perak, Peninsular Malaysia

Generic range: Peninsular Malaysia, Sumatra, Borneo

***Metaphrynella pollicaris*** (Boulenger, 1890)*(Phrynella pollicaris* Boulenger, 1890)

Type: BMNH 87.7.30.16 from Perak, Peninsular Malaysia

Range: Peninsular Malaysia, Sumatra, Borneo

***Metaphrynella sundana*** (Peters, 1867)*(Calohyla sundana* Peters, 1867)

Type: ZMB 5635 from Pontianak, Borneo

Range: Borneo

**Genus *Microhyla*** Tschudi, 1838

*(Hysaplesia* Boie, 1826; *Hylaplesia* Boie, 1827; *Engystoma* Duméril & Bibron, 1841; *Siphneus* Fitzinger, 1843; *Dendromanes* Gistel, 1848; *Diplopelma* Guenther, 1858; *Scaptophryne* Fitzinger, 1861; *Copea* Steindachner, 1864; *Ranina* David, 1871)

**A genus with about twenty species**Type Species: ***Microhyla achatina*** Tschudi, 1838 from Java

Generic range: Japan, China, India, Srilangka to Borneo, Java, Bali and Sulu

Subgenus ***Microhyla*** Tschudi, 1838:***Microhyla achatina*** Tschudi, 1838*(Diplopelma disciferum* Peters, 1867)

Type: RMNH 1728a-e, WCAB, MRHN from Java

Range: Java, Nias?

***Microhyla annamensis*** Smith, 1923

Type: BMNH 1923.5.14.10 from Sui Kat, Langbian, Annam, Vietnam

Range: Vietnam

***Microhyla annectans*** Boulenger, 1900

(*Microhyla annectans* (emend.))

Type: BMNH 1947.2.11.68-69 from Larut Hill, Peninsular Malaysia

Range: Thailand, Peninsular Malaysia, Sumatra?

***Microhyla berdmorei*** (Blyth, "1855" 1856)

(*Engystoma Berdmorei* Blyth, 1856, *Callula natatrix* Cope, 1867; *Microhyla berdmorei* (emend.); *Microhyla malcomi* Cochran, 1927; *Microhyla fowleri* Taylor, 1934)

Type: ZSI (lost) from Pegu, Myanmar

Range: Yunnan (China), Meghalaya, India Myanmar, Thailand, Laos, Vietnam, Kampuchea, W. Malaya, Sumatra, and Borneo

***Microhyla borneensis*** Parker, 1928

Type: BMNH 1947.2.11.82 from Bidi, Sarawak

Range: Thailand, Peninsular Malaysia, Singapore, Sumatra?, Borneo, Sulu?

***Microhyla butleri*** Boulenger, 1900

(*Microhyla boulengeri* Vogt, 1913; *Microhyla latasti* Boulenger, 1920; *Microhyla grahami* Stejneger, 1924; *Microhyla sowerbyi* Stejneger, 1924)

Type: BMNH 1901.3.20.5 from Larut Hill, Perak

Range: China, Myanmar, Vietnam, Thailand, Peninsular Malaysia, Sumatra?

***Microhyla chakrapanii*** Pillai, 1977

Type: ZSI/SRS Chennai VA/770 from Majabunder, Andaman

Range: Andaman

***Microhyla erythropoda*** Tarkhnisvili, 1994

Type: Tbilisi State University from South Vietnam

Range: South Vietnam

***Microhyla fusca*** Andersson, 1943

Type: NHRM or ZIUS from Dalat, Vietnam

Range: Vietnam

***Microhyla heymonsi*** Vogt, 1911

(*Microhyla fissipes* (non Boulenger, 1884) Boulenger, 1909)

Type: ZMB 21944a-i from Kosempo, Taiwan

Range: China, India, Nicobar, Vietnam, Thailand, Peninsular Malaysia, Sumatra

***Microhyla maculifera*** Inger, 1989

Type: FMNH 231271 from Danum Valley, Lahad Datu, Sabah

Range: Borneo

***Microhyla palmipes*** Boulenger, 1897

(*Microhyla niasensis* van Kampen, 1919)

Type: BMNH 96.12.3.40 from Pangalengan, W. Java

Range: Peninsular Malaysia, Sumatra, Nias, Java, Bali

***Microhyla perparva*** Inger & Frogner, 1980

Type: FMNH 147917 from labang, Bintulu, Sarawak

Range: Borneo

***Microhyla petrigena*** Inger & Frogner, 1980

Type: FMNH 207705 from Nanga Tekalit, Sarawak

Range: Borneo

***Microhyla picta*** Schenkel, 1901

Type: NHMB 1412 from Cochin China, Vietnam

Range: Vietnam

***Microhyla superciliaris*** Parker, 1928

Type: BMNH 1904.7.19.31 from Batu cave, Kuala Lumpur

Range: Peninsular Malaysia, Sumatra

Subgenus *Diplopelma* Guenther, 1859:***Microhyla ornata*** (Dumeril & Bibron, 1841)*(Engystoma ornatum* Duméril & Bibron, 1841; *Hylaedactylus carnaticum* Jerdon, 1853; *Engystoma malabaricum* Jerdon "1853" 1854; *Microhyla fissipes* Boulenger, 1884; *Microhyla eremita* Barbour, 1920)

Type: MNHN 505 from Malabar, India

Range: Japan, China, India, Sri Lanka, Andaman, Nicobar, Myanmar, Kampuchea, Laos, Vietnam, Thailand, Peninsular Malaysia, Sumatra

***Microhyla pulchra*** (Hallowell, 1861 "1860")*(Engystoma pulchrum* Hallowell, 1861 "1860"; *Scaptophryne labyrinthica* Fitzinger, 1861, n.n.; *Ranina symmetrica* David, 1872 "1871"; *Microhyla hainanensis* Barbour, 1908; *Microhyla melli* Vogt, 1914; *Microhyla major* Ahl, 1930)

Type: ANSP? from between Hongkong and Guangdong

Range: S. China, Thailand

**Genus *Micryletta*** Dubois, 1985

A genus with two recognized forms

Type Species: ***Microhyla inornata*** Boulenger, 1890 from Deli, Sumatra

Generic range: SE Asia, China, Peninsular Malaysia, Sumatra

***Micryletta inornata*** (Boulenger, 1890)*(Microhyla inornata* Boulenger, 1890; *Microhyla inornata lineata* Taylor, 1962)

Type: BMNH 89.11.12.4 &amp; 30 from Sumatra

Range: India, China, Thailand, Myanmar, Andaman, Peninsular Malaysia, Sumatra

***Micryletta steineri*** (Boulenger, 1909)

(*Microhyla steineri* Boulenger, 1909; *Microhyla stejneri* (emend))

Type: BMNH 1909.10.29.92-96 from Kanshirei, Formosa

Range: Formosa, Thailand?

(Note: This species is doubtfully distinct from the previous species)

**Genus *Phrynella*** Boulenger, 1887

A monotypic genus

Type Species: ***Phrynella pulchra*** Boulenger, 1887 from Malacca, Peninsular Malaysia

Generic range: Peninsular Malaysia, Sumatra, Mentawai

***Phrynella pulchra*** Boulenger, 1887

Type: BMNH 1947.2.11.36 - 37 from Malacca

Range: Peninsular Malaysia, Sumatra, Mentawai

## RANIDAE

### Genus *Amolops* Cope, 1887

(*Aemolops* Hoffmann, 1878; *Amo* Dubois, 1992)

A genus with about 20 species

Type Species: *Polypedates afghana* Guenther, 1859 = *Polypedates marmoratus* Blyth, 1855 from "Afghanistan"

Generic range: China, SE Asia, Thailand, Malaysia

#### *Amolops chapaensis* (Bourret, 1937)

(*Rana chapaensis* Bourret, 1937; *Amolops macrorhynchus* Yang, 1987)

Type: MNHN 1948.150 from Chapa, Vietnam

Range: Vietnam

#### *Amolops chunganensis* (Pope, 1929)

(*Rana chunganensis* Pope, 1929)

Type: AMNH 30479 from Kuantun, Ch'ungan Hsien, Fujian

Range: China, Vietnam

#### *Amolops cremnobatus* Inger & Kottelat, 1998

Type: FMNH 252861 from Khammouan, Laos

Range: Laos

#### *Amolops gerbillus* Annandale, 1912

(*Rana gerbillus* Annandale, 1912)

Type: ZSI 16926 from Yembung, India (China)

Range: India, China, Myanmar

#### *Amolops kaulbacki* (Smith, 1940)

(*Rana kaulbacki* Smith, 1940)

Type: BMNH 1940.6.1.1 from Pangnamdim, Myanmar

Range: Myanmar, China

#### *Amolops larutensis* (Boulenger, 1899)

(*Rana larutensis* Boulenger, 1899)

Type: BMNH (3 ex) from Larut Hill, Perak

Range: Thailand, Peninsular Malaysia

(Note: This species is put to a distinct subgenus *Amo* by Dubois based on the large finger tips)

#### *Amolops longimanus* (Andersson, 1939)

(*Rana longimanus* Andersson, 1939)

Type: ZIUS from Kambati, Myanmar

Range: S. China, Myanmar



***Amolops marmoratus*** (Blyth, 1855)

(*Polypedates marmoratus* Blyth, 1855; *Polypedates Afghana* Guenther, 1859, *Ixalus kakhiensis* Anderson "1878" 1879; *Ixalus argus* Annandale, 1912; *Rana senchalensis* Chanda, 1986)

Type: ZSI (lost) from Pegu, Myanmar

Range: India, Nepal, China, Myanmar, N. Thailand

***Amolops ricketti*** (Boulenger, 1899)

(*Rana ricketti* Boulenger, 1899; *Rhacophorus tonkinensis* Ahl, 1926, *Staurois ricketti minor* Liu, 1950)

Type: BMNH (2 ex) from Guandun, Fujian, China

Range: China, N. Vietnam

***Amolops spinapectoralis*** Inger, Orlov and Darevsky, 1999

Type: FMNH 252725 from Kon Cha Ran, An Khe District, Gia Lai Province, Vietnam

Range: Gia Lai Province, Vietnam

***Amolops viridimaculatus*** (Jiang, 1983)

(*Staurois viridimaculatus* Jiang, 1983)

Type: CIB 820821 from Dahaoping, Tengchung, Yunnan, China

Range: China, Vietnam

**Genus *Batrachylodes*** Boulenger, 1887

A genus with 8 species

Type Species: ***Batrachylodes vertebralis*** Boulenger, 1887 from Fauro Island, Solomon

Generic range: Solomon

***Batrachylodes elegans*** Brown, 1970

Type: MCZ 54559 from Mutahi, Bougainville, Solomon

Range: Bougainville, Solomon

***Batrachylodes gigas*** Brown, 1970

Type: MCZ 73764 from Bougainville, Solomon

Range: Bougainville, Solomon

***Batrachylodes minutus*** Brown, 1970

Type: MCZ 41391 from Bougainville, Solomon

Range: Bougainville, Solomon

***Batrachylodes mediodiscus*** Brown, 1970

Type: MCZ 41589 from Bougainville, Solomon

Range: Bougainville, Solomon

***Batrachylodes montanus*** Brown, 1970

Type: MCZ 55009 from Melilup, Bougainville, Solomon

Range: Bougainville, Solomon

***Batrachylodes trossulus*** Brown & Myers, 1949

Type: USNM 119577 from Torokina, Bougainville, Solomon

Range: Bougainville, Solomon

***Batrachylodes vertebralis*** Boulenger, 1887

Type: BMNH 1947.2.29.96 from Fauro, Solomon

Range: Fauro, Solomon

***Batrachylodes wolfi*** (Sternfeld, 1921)*(Sphenophryne wolfi* Sternfeld, 1921)

Type: SMF 4228 from Buka, Island, Solomon

Range: Buka, Solomon

**Genus *Ceratobatrachus*** Boulenger, 1884

A monotypic genus

Type Species: ***Ceratobatrachus guentheri*** Boulenger 1884 from Treasury, Shortland, Faro, Solomon

Generic range: Solomon, Bougainville

***Ceratobatrachus guentheri*** Boulenger, 1884*(Ceratobatrachus Guentheri* Boulenger, 1884)

Type: BMNH 1947.2.29.60-78 from Treasury, Sortland and Faro, Solomon Isl.

Range: Solomon, Bougainville

**Genus *Chaparana*** Bourret, 1937*(Ulunculuana* Fei, Ye & Huang, 1990; *Quadrana* (non Caldwell & Martorell, 1952) Fei, Ye & Huang, 1990, *Annandia* Dubois, 1992; *Feirana* Dubois, 1992)

A genus with about 5 species

Type Species: ***Chaparana fansipani*** Bourret, 1937 from Vietnam

Generic range: S. China, Vietnam

***Chaparana aenea*** (Smith, 1922)*(Rana aenea* Smith, 1922)

Type: BMNH (M. Smith 5821) from Doi Chang, Thailand.

Range: Thailand

***Chaparana delacouri*** Angel, 1928*(Rana delacouri* Angel, 1928)

Type: MNHN 28-19 from Bac Kan, Vietnam

Range: Vietnam

***Chaparana fansipani*** Bourret, 1937

Type: MNHN 48-139 from Fansipan Mt, Chapa, Vietnam

Range: Vietnam

**Genus *Discodeles*** Boulenger, 1918

A genus with 5 species

Type Species: ***Rana guppyi*** Boulenger 1884 from Shortland, Solomon

Generic range: Admiralty, Bismarck, Solomon

***Discodeles bufoniformis*** (Boulenger, 1884)*(Rana bufoniformis* Boulenger, 1884)

Type: BM 1947.2.1.85 (ex. 84.3.24.1) from Treasury Isl

Range: Solomon, Faro

***Discodeles guppyi*** Boulenger, 1884*(Rana guppyi* Boulenger, 1884; *Rana bufoniformis cognata* Hediger, 1934)

Type: BMNH 1947.2.1.87 from Shortland Island

Range: Shortland, Faro, Guadalcanal, Rubiana Solomon

***Discodeles malukuna*** Brown & Webster, 1969

Type: MCZ 79462 from Malukuna, Guadalcanal

Range: Guadalcanal, Solomon

***Discodeles ophistodon*** (Boulenger, 1884)*(Rana ophistodon* Boulenger, 1884)

Type: BMNH 1947.2.28.27 &amp; 2.1.89-91 from Faro &amp; Treasury Isl. Solomon

Range: Faro &amp; Treasury, Solomon

***Discodeles vogti*** (Hediger, 1934)*(Rana ventricosa* (non Linnaeus, 1758) Vogt, 1912; *Rana vogti* Hediger, 1934)

Type: ZMB from Lambussa, Admiralty, Solomon

Range: Admiralty, Solomon

**Genus *Elachyglossa*** Andersson, 1916

A doubtful monotypic genus

Type Species: ***Elachyglossa glydenstolpei*** Andersson, 1916 from Thailand

Generic range: Thailand

***Elachyglossa glydenstolpei*** Andersson, 1916

Type: ZIUS from Bang Hue Pong, N. Thailand

Range: N. Thailand

(Note: probably an *Occidozyga* or *Limnonectes*)

**Genus *Euphlyctis* Fitzinger, 1843**

(*Phrynoderma* (non Sturm, 1843, non Boulenger, 1893) Fitzinger, 1843; *Dicroglossus* Günther, 1860)

A genus with about 4 species

Type Species: *Rana leschenaulti* Duméril & Bibron, 1841 = *Rana cyanophlyctis* Schneider, 1799 from India

Generic range: India, SE Asia, Thailand

***Euphlyctis cyanophlyctis* (Schneider, 1799)**

(*Rana cyanophlyctis* Schneider, 1799; *Rana bengalensis* Gray, 1834; *Rana leschenaulti* Duméril & Bibron, 1841)

Type: unknown from India

Range: Iran, Pakistan, Afghanistan, India, Sri Lanka, Myanmar, Thailand, Peninsular Malaysia?

**Genus *Fejervarya* Bolckay, 1915**

A genus with about 15 species

Type Species: *Rana limnocharis* Gravenhorst, 1829 from Java

Generic range: India, SE Asia, Japan, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Nusa Tenggara, Philippines, Maluku (intr.), New Guinea (intr.)

***Fejervarya andamanensis* (Stoliczka, 1870)**

(*Rana gracilis* var. *andamanensis* Stoliczka, 1870)

Type: BMNH from Andaman

Range: Andaman, Nicobar

***Fejervarya brevipalmata* (Peters, 1871)**

(*Rana brevipalmata* Peters, 1871; *Rana temporaria parvipalmata* Seoane, 1885)

Type: ZMB 6130 from Pegu, Myanmar

Range: Myanmar, India

***Fejervarya cancrivora* (Gravenhorst, 1829)**

(*Rana cancrivora* Gravenhorst, 1829; *Rana gracilis pulla* Stoliczka, 1870; *Rana Schlueteri* Werner, 1893; *Rana tigrina angustopalmata* van Kampen, 1907, *Rana moodiei* Taylor, 1920; *Rana cancrivora raja* Smith, 1930)

Type: FMNH 256688 from Cianjur, West Java

Range: India, Japan, Andaman, Nicobar, Myanmar, Thailand, Kampuchea, Laos, Vietnam, Peninsular Malaysia, Sumatra, Borneo, Java, Nusa Tenggara, Sulawesi (introduced), Ambon (introduced), Papua (introduced)

***Fejervarya limnocharis* (Gravenhorst, 1829)**

(*Rana limnocharis* Gravenhorst, 1829; *Rana altilabris* Blyth, 1852; *Rana assimilis* Blyth, 1852; *Rana agricola* Jerdon, 1853; *Rana assimilis* Blyth, 1852; *Rana gracilis* (non Gravenhorst) Wiegmann, 1863; *Rana gracilis* var. *nicobariensis* Stoliczka, 1870; *Rana gracilis* var. *pulla* Stoliczka, 1870 *Rana wasi* Annandale, 1917)

Type: RMNH 4287 from Bogor, West Java

Range: India, Japan, China, Andaman, Laos, Myanmar, Kampuchea, Vietnam, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Nusa Tenggara, Philippines

(Note: This is a species complex)

***Fejervarya vittigera* (Wiegmann, 1836)**

(*Rana vittigera* Wiegman, 1836)

Type: ZMB 3269 from Laguna Bay, Luzon

Range: Palawan, Mindanao, Negros, Mindoro, Luzon, Sulawesi?

***Fejervarya verruculosa* (Roux, 1911)**

(*Rana tigrina* var. *verruculosa* Roux, 1911)

Type: SMF 6538 from Iliwaki, Wetar

Range: Timor, Wetar, Sumba, Alor, Damar

Note: A new species had been described from West Java by Ohler & Veith, but we have not seen the paper.

**Genus *Hoplobatrachus* Peters, 1863**

(*Ranosoma* Ahl, 1924; *Tigrina* Fei Ye & Huang, 1990)

A genus with about 15 species

Type Species: *Rana tigrina* Daudin, 1802 from Bengal, India

Generic range: India, SE Asia, Japan, Thailand, Peninsular Malaysia, Borneo, Philippines (intr.)

***Hoplobatrachus rugulosus* (Daudin, 1802)**

(*Rana picta* Gravenhorst, 1829; *Rana brama* Lesson, 1834; *Rana crassa* Jerdon, 1853; *Rana hydraletis* Boe, 1863; *Rana bragantina* Bocage, 1864; *Rana burkilli* Annandale, 1910)

Type: ZMB 3721 from Syeng More, Macao, China

Range: India, China, Myanmar, Thailand, Peninsular Malaysia, Sabah, Borneo (introduced)

***Hoplobatrachus tigerinus* (Daudin, 1802)**

(*Rana tigrina* Daudin, 1802; *Hydrostentor pantherinus* Fitzinger, 1861; *Rana tigrina* (emmend.))

Type: MNHN (lost) from Bengal, India

Range: India, China, Andaman, Myanmar, Laos, Kampuchea, Vietnam, Thailand, Peninsular Malaysia

**Genus *Huia*** Yang, 1991

(*Amolops* Cope, 1865 (part))

**A genus with 4 species**

Type Species: *Rana cavitympanum* Boulenger, 1893 from Borneo

Generic range: China, SE Asia, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java

***Huia cavitympanum*** (Boulenger, 1893)

(*Rana cavitympanum* Boulenger, 1893)

Type: BMNH (not traced) from Mt. Kinabalu

Range: Borneo

***Huia masonii*** (Boulenger, 1884)

(*Rana Masonii* Boulenger, 1884; *Huia javana* Yang, 1991)

Type: BMNH; ZMB 11536a-c from Batavia?, W. Java

Range: Java

***Huia nasica*** (Boulenger, 1903)

(*Rana nasica* Boulenger, 1903)

Type: BMNH from Manson Mts, Tonkin, Vietnam

Range: China, Vietnam, Thailand

***Huia sumatrana*** Yang, 1991

Type: FMNH 209922 from Bukit Lawang, Sumatra

Range: Sumatra

Note: This genus is considered as a subgenus of *Amolops* by Dubois, 1992.

**Genus *Ingerana*** Dubois, 1986

**A genus with about 6 species**

Type Species: *Rana tenasserimensis* Sclater, 1892 from Tenasserim, Myanmar

Generic range: SE Asia, Thailand, Peninsular Malaysia, Borneo, Palawan

***Ingerana baluensis*** (Boulenger, 1896)

(*Cornufer baluensis* Boulenger, 1896)

Type: BMNH 1947.2.29.86 from Mt. Kinabalu, Sabah

Range: Borneo

**?*Ingerana charlesdarwini*** (Das, 1998)

(*Rana charlesdarwini* Das, 1998)

Type: ZSI A8890 from Mt. Harriet, S Andaman

Range: S. Andaman

(Note: This species is provisionally placed in *Ingerana*).

***Ingerana mariae*** (Inger, 1954)*(Micixalus mariae* Inger, 1954)

Type: FMNH 51360 from Mt. Balabac, Palawan

Range: Palawan

**?*Ingerana sariba*** (Shelford, 1905)*(Rana sariba* Shelford, 1905)

Type: SMK from Mt. Saribou, Sarawak

Range: Sarawak, Borneo

(Note: The validity of this species is questionable).

***Ingerana tasanae*** (Smith, 1921)*(Rana pullus* (non *Rana gracilis* var. *pulla* Stoliczka, 1870) Smith, 1921; *Rana tasanae* Smith, 1921)

Type: BMNH from Chum Pon, Tasan Mt., Thailand

Range: Thailand

***Ingerana tenasserimensis*** (Sclater, 1892)*(Rana tenasserimensis* Sclater, 1892)

Type: BMNH / ZSI from Tenasserim, Myanmar

Range: Myanmar, Thailand, Peninsular Malaysia

**Genus *Limnonectes*** Fitzinger, 1843*(Taylorana* Dubois, 1987; *Bourretia* Dubois, 1987)

A genus with about 60 species

Type Species: ***Rana Kuhlii*** Tschudi, 1838 from Java

Generic range: India, S., China, SE Asia to Philippines, New Guinea

***Limnonectes acanthi*** (Taylor, 1923)*(Rana acanthi* Taylor, 1923)

Type: CAS 62577 (EHT 539). from Busuanga Island

Range: Palawan, Balabac, Culion

***Limnonectes arathooni*** (Smith, 1927)*(Rana arathooni* Smith, 1927)

Type: BMNH (ex. M. Smith 8627) from Cikoro, Matanghaji, Bantaeng, S. Sulawesi

Range: Sulawesi

***Limnonectes asperatus*** (Inger, Boeadi & Taufik, 1994)*(Rana asperata* Inger, Boeadi & Taufik, 1994)

Type: MZB 3117 from Kalang River, Mentaya Hulu, Kotawaringin

Range: S. Borneo

***Limnonectes blythii*** (Boulenger, 1920)

(*Rana fusca* (non Meyer) Blyth, 1855; *Rana macrodon* var. *blythii* Boulenger, 1920)

Type: ZSI or BMNH? from Tenasserim, Myanmar

Range: Myanmar, Thailand, Peninsular Malaysia, Sumatra

***Limnonectes conspicillatus*** (Guenther, 1872)

(*Rana conspicillata* Guenther, 1872)

Type: BMNH from Matang, Sarawak

Range: Borneo

(Note: Judging from the presence of different forms of *L. kuhlii* in Borneo, this name is retained as valid).

***Limnonectes dabanus*** (Smith, 1922)

(*Rana macrognathus dabana* Smith, 1922)

Type: BMNH from Daban, Lang Bai Plateau, Vietnam

Range: Vietnam

***Limnonectes dammermani*** (Mertens, 1927)

(*Rana microdisca dammermani* Mertens, 1927)

Type: SMF 22100 from Sembalun, Lombok

Range: Lombok, Sumbawa, Flores

***Limnonectes diuata*** (Brown & Alcala, 1977)

(*Rana diuata* Brown & Alcala, 1977)

Type: CAS 133500 from Tagibo River, Mindanao

Range: Diuata Mts, mindanao

***Limnonectes doriae*** (Boulenger, 1890)

(*Rana gracilis* var. *andamanensis* Stoliczka, 1870 (part); *Rana doriae* Boulenger, 1890)

Type: MSNG 29298 from Thagata, Tenasserim, Myanmar

Range: India, Andaman, Nicobar, Myanmar, Thailand, Vietnam, Peninsular Malaysia

***Limnonectes finchi*** (Inger, 1966)

(*Rana microdisca finchi* Inger, 1966)

Type: FMNH 77499 from Kalabakan, Tawau, Sabah

Range: Borneo, N. Sulawesi

***Limnonectes grunniens*** (Daudin, 1801)

(*Rana subsaltans* Gravenhorst, 1829; *Rana hydromedusa* Tschudi, 1838)

Type: MNHN 4461 from Ambon Island

Range: Ambon, Seram, Haruku, Saparua, Bacan, New Guinea

***Limnonectes hascheanus*** (Stoliczka, 1870)

(*Polypedates Hascheanus* Stoliczka, 1870; *Rana limborgii* Sclater, 1892)

Type: ZSI 2696-97 from Penang, Peninsular Malaysia

Range: Andaman, Nicobar, Myanmar, Vietnam, Thailand, Peninsular Malaysia, Natuna



***Limnonectes heinrichi* (Ahl, 1933)**

(*Rana heinrichi* Ahl, 1933)

Type: ZMB 34319 from Ile-ile, N. Sulawesi

Range: N. Sulawesi, Halmahera?, Bacan, Buru, Seram

(Note: This is a smooth form of *Limnonectes modestus* and applies to most populations from Maluku)

***Limnonectes ibanorum* (Inger, 1964)**

(*Rana ibanorum* Inger, 1964)

Type: FMNH 76894 from Baleh & Putai River, Sarawak

Range: Borneo

***Limnonectes ingeri* (Kiew, 1978)**

(*Rana ingeri* Kiew, 1978)

Type: FMNH 83012 from Sepupok River, Niah, Sarawak

Range: N. Borneo

***Limnonectes kadarsani* Iskandar, Boeadi & Sancoyo, 1994**

Type: MZB 2940 (ex 2654) from Sembalun, Lombok

Range: Lombok, Sumbawa, Flores, Adonara, Lembata.

***Limnonectes khammonensis* (Smith, 1929)**

(*Rana khammonensis* Smith, 1929)

Type: BMNH from Napé, Khammon, Laos

Range: Vietnam, Laos

***Limnonectes khasianus* (Anderson, 1871)**

(*Pyxicephalus khasianus* Anderson, 1871; *Limnonectes khasiensis* (emend.))

Type: BMNH from Khasi Hill, India

Range: India, Myanmar?

***Limnonectes kohchangae* (Smith, 1922)**

(*Rana kohchangae* Smith, 1922)

Type: BMNH from Koh Chang, Thailand

Range: Thailand

***Limnonectes kenepaiensis* (Inger, 1966)**

(*Rana paramacrodon kenepaiensis* Inger, 1966)

Type: RMNH 14519 (Buttikofer exp. no 20) from Merkata, Kenepai Mts, Kalimantan

Range: Borneo

***Limnonectes kuhlii* (Tschudi, 1838)**

(*Rana Kuhlii* Tschudi, 1838 *Rana palmata* Duméril and Bibron, 1841, n.n.)

Type: MNHN 4469; RMNH from Java, Indonesia

Range: Java

(Note: This is a large complex of species ranges from India, whole ancient Indo China, China up to Borneo, probably involving at least a dozen of species)

***Limnonectes laticeps*** (Boulenger, 1882)

(*Rana laticeps* Boulenger, 1882)

Type: BMNH from Khasi Hill, Assam

Range: Assam, Myanmar, Thailand, Peninsular Malaysia, (Sumatra?, Borneo?)

(Note: This is a complex of three or four species)

***Limnonectes leporinus*** (Andersson, 1923)

(*Rana macrodon* var. *leporina* Andersson, 1923)

Type: ZIUS from Tumbang Maruwei, Kalimantan

Range: Borneo

***Limnonectes leytenis*** (Boettger, 1893)

(*Rana leytenis* Boettger, 1893, *Hylarana mindanensis* Girard, 1853)

Type: SMF 4931 from Leyte, Philippines

Range: Luzon, Mindoro, Mindanao

***Limnonectes macrodon*** (Duméril & Bibron, 1841)

(*Rana macrodon* Duméril & Bibron, 1841)

Type: MNHN from Java

Range: Java, S. Sumatra, (India?)

***Limnonectes macrognathus*** (Boulenger, 1917)

(*Rana macrognathus* Boulenger, 1917)

Type: BMNH from Khao Sebab, Karin Hill, Karin Bian Po, Myanmar

Range: Myanmar, Thailand, Peninsular Malaysia

***Limnonectes magnus*** (Stejneger, 1909)

(*Rana magna* Stejneger, 1909)

Type: USNM 35231 from Mt. Apo, Mindanao

Range: Mindanao, C. Sulawesi

***Limnonectes macrocephalus*** (Inger, 1954)

(*Rana macrodon macrocephalus* Inger, 1954)

Type: FMNH 40519 from Sampaloc, Tayabas, Luzon

Range: Luzon, Mindoro

***Limnonectes malesianus*** (Kiew, 1984)

(*Rana malesiana* Kiew, 1984)

Type: BMNH 96.6.25.59-65 from Bukit Timah, Singapore

Range: Peninsular Malaysia, Sumatra, Borneo

***Limnonectes microdiscus*** (Boettger, 1892)

(*Rana microdisca* Boettger, 1892)

Type: SMF 5418 from Mts. Tengger, E. Java

Range: S. Sumatra, Java

***Limnonectes microtypanum*** (van Kampen, 1909)

(*Rana microtypanum* van Kampen, 1909)

Type: ZMA (lost) from Loka, Mt. Lompobatang, S. Sulawesi

Range: Mt. Lompobatang, S. Sulawesi

***Limnonectes modestus*** (Boulenger, 1882)

(*Rana modesta* Boulenger, 1882)

Type: BMNH 1947.2.3.32; 1947.2.3.52-61 from Gorontalo and Manado

Range: Sulawesi, Talaud, Salayar?

(Note: This is a complex of species)

***Limnonectes nitidus*** (Smedley, 1931)

(*Rana nitida* Smedley, 1931)

Type: BMNH 1931.10.8.1, ZRC from Tanah Rata, Pahang

Range: East Peninsular Malaysia

***Limnonectes palavanensis*** (Boulenger, 1894)

(*Rana palavanensis* Boulenger, 1894)

Type: BMNH (2 ex.) from Palawan

Range: Palawan, Borneo

***Limnonectes paramacrodon*** (Inger, 1966)

(*Rana paramacrodon* Inger, 1966)

Type: FMNH 76883 from Tawan, Kalabakan River, Tawau, Sabah

Range: Peninsular Malaysia, Sumatra, Borneo

***Limnonectes parvus*** (Taylor, 1920)

(*Rana parva* Taylor, 1920, *Rana micrixalus* Taylor, 1923)

Type: CM 3421 (EHT F409) from Bunawan, Angusan, Mindanao

Range: Mindanao, Basilan

***Limnonectes pileatus*** (Boulenger, 1916)

(*Rana pileata* Boulenger, 1916)

Type: BMNH (4 ex.) from Khao Seabab, Chantaburi, Thailand

Range: Thailand

***Limnonectes plicatellus*** (Stoliczka, 1873)

(*Rana plicatella* Stoliczka, 1873)

Type: ZSI 42 from Penang & Wellesley, Peninsular Malaysia

Range: Thailand, Peninsular Malaysia

***Limnonectes rhacodus*** (Inger, Boeadi & Taufik, 1994)

(*Rana rhacoda* Inger, Boeadi & Taufik, 1994)

Type: MZB 2991 from Kalang River, Mentaya Hulu, Kotawaringin

Range: South and East Borneo

***Limnonectes toumanoffi*** (Bourret, 1935)

(*Rana toumanoffi* Bourret, 1935)

Type: MNHN 48.126 from Vietnam

Range: Vietnam

***Limnonectes shompenorum*** Das, 1996

Type: ZSI A8741. Kopen Heat, Great Nicobar Islands

Range: Nicobar, Singapore, Peninsular Malaysia, Nias, Simeulue, Mentawai, Batu, Sumatra, Natuna

***Limnonectes tweediei*** (Smith, 1925)*(Rana tweediei* Smith, 1925)

Type: BMNH 1934.5.21.1 from Yum River, Perak,

Range: Peninsular Malaysia

***Limnonectes woodworthi*** (Taylor, 1923)*(Rana woodworthi* Taylor, 1923)

Type: CAS 61000 from Los Banos, Philippines

Range: Luzon

**Note:** (1) At least three dozen undescribed species have been found from the whole range of the genus; (2) The genus is a cluster of three genus and subgenus proposed by Dubois, but the constitution is different)

**Genus *Meristogenys*** Yang, 1991

A genus with about 9 species

Type Species: *Hylorana jerboa* Guenther, 1872 from Matang, Sarawak

Generic range: Borneo

***Meristogenys amoropalamus*** (Matsui, 1986)*(Amolops amoropalamus* Matsui, 1986)

Type: AMNH 8067 from Mt. Tapai Sia, Krayan, Sarawak

Range: Borneo

***Meristogenys jerboa*** (Guenther, 1872)*(Hylorana jerboa* Guenther, 1872)

Type: BMNH from Matang, Sarawak

Range: Borneo

***Meristogenys kinabaluensis*** (Inger, 1966)*(Amolops kinabaluensis* Inger, 1966)

Type: FMNH 109798 from Mt. Kinabalu, Sabah

Range: N. Borneo

***Meristogenys macrophthalmus*** (Matsui, 1986)*(Amolops macrophthalmus* Matsui, 1986)

Type: FMNH 157431 from Bintulu, Pesu River, Sarawak

Range: N. Borneo

***Meristogenys orphnocnemis*** (Matsui, 1986)*(Amolops orphnocnemis* Matsui, 1986)

Type: OMNH Am 8052 from Bundu Tuhan, Mt. Kinabalu, Sabah

Range: Sabah, E. Kalimantan.

***Meristogenys phaeomerus* (Inger & Gritis, 1983)***(Amolops phaeomerus* Inger & Gritis, 1983)

Type: FMNH 136140 from Nanga Tekalit, Sarawak

Range: Borneo

***Meristogenys poecillus* (Inger & Gritis, 1983)***(Amolops poecillus* Inger & Gritis, 1983)

Type: FMNH 144532 from Nanga Tekalit, Sarawak

Range: Borneo

***Meristogenys whiteheadi* (Boulenger, 1887)***(Rana whiteheadi* Boulenger, 1887)

Type: MNHN 89.239-241 from Mt. Kinabalu, Sabah

Range: Borneo

**Note:** This genus is considered as a subgenus of *Amolops* by Dubois, 1992.**Genus *Occidozyga* Kuhl & van Hasselt, 1822***(Ooeidozyga* Kuhl & van Hasselt, 1822; *Occidogyne* Gray, 1825; *Houlema* Gray, 1831, *Oxydozyga* Tschudi, 1838; *Oxyglossus* Tschudi, 1838; *Phrynoglossus* Peters, 1867; *Microdiscopus* Peters, 1877; *Oreobatrachus* Boulenger, 1896; *Osteosternum* Wu, 1929)**A genus with 10 species**Type Species: ***Rana lima*** Gravenhorst, 1829 from Java

Generic range: S China, SE Asia, Philippines

***Occidozyga baluensis* (Boulenger, 1896)***(Oreobatrachus baluensis* Boulenger, 1896)

Type: BMNH (not traced) from Mt. Kinabalu, Sabah

Range: Sumatra, Borneo

***Occidozyga celebensis* Smith, 1927***(Ooeidozyga celebensis* Smith, 1927)

Type: BMNH (ex. M. Smith 8675) from Cikoro, SW Sulawesi

Range: Sulawesi

***Occidozyga diminutivus* (Taylor, 1922)***(Micrixalus diminutivus* Taylor, 1922)

Type: CAS 61842 from Pasananka, Zamboanga, Mindanao

Range: Mindanao, Basilan

***Occidozyga floresianus* (Mertens, 1927)***(Oxydozyga floresiana* Mertens, 1927)

Type: SMF 22089 from Ranamese, Flores

Range: Flores

***Occidozyga laevis*** (Guenther, 1859 "1858")*(Oxyglossus laevis* Guenther, 1859 "1858")

Type: BMNH (2 ex.) from Philippines

Range: Sabah, Philippines

(Note: the species is a composite of several species)

***Occidozyga lima*** (Gravenhorst, 1929)*(Rana lima* Gravenhorst, 1929; *Houlema obscura* Gray, 1831)

Type: Breslau (lost) from Java

Range: India, China, Thailand, Peninsular Malaysia, Sumatra, Java

***Occidozyga martensii*** (Peters, 1867)*(Phrynoglossus martensii* Peters, 1867)

Type: ZMB 35645 from Bangkok, Thailand

Range: S. China, Myanmar, Vietnam, Kampuchea, Laos, Thailand

***Occidozyga magnapustulosus*** (Taylor & Ebel, 1958)*(Micrixalus magnapustulosus* Taylor & Ebel, 1958)

Type: FMNH 172780 from Ban Na Phua, Nakhon Phanom, Thailand

Range: Thailand

***Occidozyga semipalmatus*** Smith, 1927*(Oeidozyga semipalmatus* Smith, 1927)

Type: BMNH (ex. M. Smith 8728) from Cikoro, SW Sulawesi

Range: Sulawesi

(Note: This species will be transferred to another genus)

***Occidozyga sumatranus*** (Peters, 1877)*(Microdiscopus sumatranus* Peters, 1877)

Type: ZMB 9123 (not found) from Sumatra

Range: Java, Sumatra

(Note: This species is provisionally considered as valid based on the fact that the specimens of *O. laevis* from Luzon is twice larger and have a completely smooth skin)***Occidozyga vittatus*** (Andersson, 1942)*(Oxyglossus laevis* var. *vittatus* Andersson, 1942)

Type: ZIUU (5 ex.) from Dalat &amp; Thua Luu, Annam, Vietnam

Range: Vietnam

Note: An undescribed species is recorded from Borneo

**Genus *Paa*** Dubois, 1975*(Ombrana* Dubois, 1992; *Eripaa* Dubois, 1992; *Gynandropaa* Dubois, 1992; *Quasipaa* Dubois, 1992)

A genus with about 20 species

Type Species: ***Rana liebighii*** Guenther, 1860 from Nepal and Sikkim

Generic range: India, S. China, SE Asia, Thailand

***Paa arnoldi*** Dubois, 1985

Type: BMNH 1940.6.2.90 from Pangnamdim, Myanmar.

Range: Myanmar

***Paa bourreti*** Dubois, 1987

Type: MNHN 1948.128 from Chapa, Vietnam.

Range: Vietnam

***Paa fasciculispinosa*** (Inger, 1970)*(Rana faculispinosa* Inger, 1970)

Type: NHMT 513-1385 from Koo Soi Dao, Thailand.

Range: Thailand

***Paa feae*** Boulenger, 1887*(Rana Feae* Boulenger, 1887)

Type: MSNG 29301 from Kakhien Hill, Myanmar

Range: China, Myanmar

***Paa microlineata*** (Bourret, 1937)*(Rana microlineata* Bourret, 1937)

Type: MNHN from Dalat, Langbian, Vietnam

Range: Vietnam

***Paa spinosa*** (David, 1875)*(Rana latrans* (non Steffen, 1815) David, 1872; *Rana spinosa* David, 1875; *Nyctibatrachus sinensis* Peters, 1882; *Rana dubois-reymondi* Vogt, 1921; *Rana (Rana) Courtoisi* Angel, 1922; *Rana chekiensis* Angel and Guibé, 1947 "1946")

Type: unknown from Ouang Mao Tzae, Ichang, China

Range: China, Vietnam

***Paa verrucospinosa*** (Bourret, 1937)*(Rana spinosa verrucospinosa* Bourret, 1937)

Type: MNHN 1948. 132 from Yunnan, China

Range: China, Vietnam?, Myanmar

***Paa yunnanensis*** (Anderson, 1879)*(Rana yunnanensis* Anderson, 1879; *Rana phrynoiodes* Boulenger, 1917; *Rana (Paa) sichuanensis* Dubois, 1987 "1986",)

Type: BMNH 1947. 2. 3. 76 from "Yunnan at Tongchuan Fu", China

Range: China, Vietnam, Myanmar

**Genus *Palmatorappia*** Ahl, 1929*(Hypsirana* Kinghorn, 1928)**A monotypic genus**Type Species: *Hylella solomonis* Sternfeld, 1920 from Buka, Solomon Islands

Generic range: Solomon Islands

***Palmatorappia solomonis*** (Sternfeld, 1920)*(Hylella solomonis* Sternfeld, 1920)

Type: SMF 6601 from Buka Isl, Solomon

Range: Solomon Isl.

**Genus *Platymantis*** Guenther, 1859 "1858"*(Cornufer* Tschudi, 1839, *Phyllodytes* Gistel, 1848, *Halophila* Girard, 1853, *Halophilus* Boulenger, 1918)

A genus with about 40 species

Type Species: ***Platymantis pliciferus*** Guenther, 1859 "1858" = ***Hylodes corrugatus*** Duméril, 1853 from Philippines

Generic range: Philippines, New Guinea

***Platymantis acrochordus*** (Brown, 1965)*(Cornufer acrochordus* Brown, 1965)

Type: MCZ 44264 from Kunua, Bougainville, Solomon

Range: Bougainville, Solomon

***Platymantis aculeodactylus*** Brown, 1952

Type: USNM 119769 from Torokina, Bougainville

Range: Bougainville, Choiseul, Solomon

***Platymantis akarithymus*** Brown & Tyler, 1968

Type: SAMA 7073 from Pomugu, New Britain

Range: New Britain

***Platymantis banahao*** Brown, Alcala, Diesmos & Alcala, 1997

Type: CAS 201208 from Mt. Banahao, Quezon, Luzon Island

Range: Luzon

***Platymantis batantae*** Zweifel, 1969

Type: AMNH 74192 Mt. Besar, Batanta Island

Range: Batanta, Gag

***Platymantis bimaculata*** Guenther, 1999

Type: ZMB 59065 from Wondiwoi Mts, Wandamen Peninsula Papua

Range: Papua

***Platymantis boulengeri*** (Boettger, 1892)*(Cornufer boulengeri* Boettger, 1892)

Type: SMF 7054 from New Britain

Range: New Britain

***Platymantis cheesmanae*** Parker, 1940

Type: BMNH 1938.6.5.28 from Cyclops, Papua

Range: Cyclops, Papua



***Platymantis cornutus*** (Taylor, 1922)

(*Cornufer cornutus* Taylor, 1922)

Type: CAS 61476 from Balbalan, Kalinga, Luzon

Range: Kalinga Mts, Luzon

***Platymantis corrugatus*** (Duméril, 1853)

(*Hylodes corrugatus* Duméril, 1853; *Platymatis plicifera* Guenther, 1859 "1858"; *Rana rugata* van Kampen, 1923)

Type: MNHN 4884 from Java in error

Range: Philippines

***Platymantis cryptotis*** Guenther, 1999

Type: ZMB 58733 From Utowa River, Nabire-Mapia, at 150 m alt Papua

Range: Papua.

***Platymantis dorsalis*** (Duméril, 1853)

(*Cornufer dorsalis* Duméri, 1853; *Cornufer meyeri* Guenther, 1873; *Halophila jagori* Peters, 1863; *Cornufer laticeps* Taylor, 1920)

Type: MNHN 4880 from "Java" in error

Range: Philippines, Maluku? Gag Island?

***Platymantis gilliardi*** Zweifel, 1960

Type: AMNH 64253 Iambon, New Britain

Range: New Britain

***Platymantis guentheri*** (Boulenger, 1882)

(*Cornufer guentheri* Boulenger, 1882, *Cornufer worchesteri* Stejneger, 1905)

Type: BMNH 1947.2.31-34 from Dinagat Island

Range: Dinagat, Philippines

***Platymantis guppyi*** (Boulenger, 1884)

(*Cornufer guppyi* Boulenger, 1884)

Type: BMNH 1947.2.29.82-83 from Treasury Is.

Range: Treasury Isl., Solomon

***Platymantis hazelae*** (Taylor, 1920)

(*Philautus hazelae* Taylor, 1920; *Cornufer rivularis* Taylor, 1922)

Type: FMNH 3427 from Canlaon Mt, Negros

Range: Negros

***Platymantis ingeri*** (Brown & Alcala, 1963)

(*Cornufer ingeri* Brown & Alcala, 1963)

Type: CAS-SU 21214 from Bohol Island

Range: Bohol Island

***Platymantis insulatus*** Brown & Alcala, 1970

Type: CAS 117441 from Gigante Island

Range: Gigante Island, Philippines

***Platymantis isarog*** Brown, Brown & Alcalá, 1997

(*Platymantis reticulatus* Brown, Brown & Alcalá, 1997)

Type: CAS 197218 from Mt. Isarog, Luzon

Range: Luzon

***Platymantis lawtoni*** Brown & Alcalá, 1974

Type: CAS 135732 from San Agustin, Tablas Island

Range: Tablas

***Platymantis levigatus*** Brown & Alcalá, 1974

Type: CAS 136097 from Duduban Tablas Island

Range: Tablas

***Platymantis luzonensis*** Brown, Alcalá, Diesmos & Alcalá, 1997

Type: CAS 196368 from Mt. Maquiling, Queson, Luzon Island

Range: Luzon

***Platymantis macrops*** Brown, 1965

(*Cornufer macrops* Brown, 1965)

Type: MCZ 41864 from Kunua, Bougainville, Solomon

Range: Solomon

***Platymantis macrosceles*** (Zweifel, 1975)

(*Cornufer macrosceles* Zweifel, 1975)

Type: BPBM 1005 from Ti Nakanai, New Britain, Solomon

Range: New Britain, Solomon

***Platymantis magnus*** Brown & Menzies, 1979

Type: CAS 143640 from Kavieng, New Ireland

Range: North New Ireland, Bismarck

***Platymantis mimicus*** Brown & Tyler, 1968

Type: SAMA 6868 Numundo, Willaumez, New Britain

Range: New Britain

***Platymantis mimulus*** Brown, Alcalá & Diesmos, 1997

Type: CAS 136097 from Luzon Island

Range: Luzon

***Platymantis myersi*** Brown, 1949

Type: AMNH 35348 from Bougainville, Solomon

Range: Bougainville, Solomon

***Platymantis naomiae*** Alcalá, Brown & Diesmos, 1988

(*Platymantis naomii* Alcalá, Brown & Diesmos, 1998)

Type: CAS 204746 from Mt Banahao, Quezon

Range: Luzon

***Platymantis neckeri*** (Brown & Myers, 1949)

(*Cornufer neckeri* Brown & Myers, 1949)

Type: AMNH 34329 from Bougainville, Solomon

Range: Bougainville, Solomon

- Platymantis negrosensis*** Brown, Alcala, Diesmos & Alcala, 1997  
Type: CAS 137416 from Mt. Canlaon, Negros Island  
Range: Negros, Panay
- Platymantis nexipus*** Zweifel, 1975  
Type: BPBM 1009 from St. Paul, Baining, New Britain  
Range: Baining, New Britain
- Platymantis panayensis*** Brown, Brown & Alcala, 1997  
Type: PNM 2495 from Panay Island  
Range: Panay Island
- Platymantis papuensis papuensis*** Meyer, 1875"1874"  
(*Cornufer beauforti* van Kampen, 1913; *Cornufer moszkowskii* Vogt, 1912; *Cornufer unicolor* Tschudi, ; *Cornufer corrugatus rubristriatus* Barbour, 1908)  
Type: unknown from Biak, Papua  
Range: Aru, New Guinea, Bismarck
- Platymantis papuensis occidentalis*** Menzies, 1998  
Type: UPNG 5258 from "near Piliiana, South Seram, E Indonesia"  
Range: Seram, Ambon, Sulabesi; Halmahera?
- Platymantis parkeri*** Brown, 1965  
(*Cornufer parkeri parkeri* Brown, 1965; *Cornufer parkeri bukanensis* Brown, 1965)  
Type: MCZ 36923. from: Kunua area, Bougainville Island, Solomon Islands  
Range: Bougainville, Solomon Island
- Platymantis pelewensis*** Peters, 1867  
*Platymantis plicifera* var *Pelewensis* Peters, 1867  
Type: BMNH? from from Palau Island  
Range: Palau Island, N. New Guinea
- Platymantis polillensis*** (Taylor, 1920)  
(*Philautus polillensis* Taylor, 1920)  
Type: CAS 62250 from Polillo Island  
Range: Polillo, Philippines
- Platymantis punctatus*** Peters & Doria, 1878  
Type: MSNG 29738 from Hatam, Arfak Mts  
Range: Batanta, Waigeo, Papua
- Platymantis pygmaeus*** Alcala, Brown & Diesmos, 1998  
Type: PNM 6255 from Sierra Madre, Kalinga, Luzon Island  
Range: Luzon
- Platymantis rabori*** Brown, Alcala, Diesmos & Alcala, 1997  
Type: CAS 136889 from Island  
Range: Bohol, Leyte, Mindanao
- Platymantis rhipiphalcus*** Brown & Tyler, 1968  
Type: SAMA 7071 from Pomugu, New Britain  
Range: New Britain

***Platymantis schmidti*** Brown & Tyler, 1968*(Platymantis papuensis schmidti* Brown & Tyler, 1968)

Type: SAMA 7618 from Talasea New Britain

Range: New Britain

***Platymantis solomonis*** (Boulenger, 1884)*(Cornufer solomonis* Boulenger, 1884; *Cornufer boulengeri* Boettger, 1892)

Type: BMNH 84.3.24.9-17 from Shortland, Treasury &amp; Faro Island, Solomon

Range: Solomon

***Platymantis spelaeus*** Brown & Alcalá, 1982

Type: CAS 153469 from Tiyanaban, Negros

Range: Negros

***Platymantis subterrestris*** (Taylor, 1922)*(Cornufer subterrestris* Taylor, 1922, *Cornufer montanus* Taylor, 1922)

Type: CAS 61518 from Luzon

Range: Luzon

***Platymantis vitianus*** (Duméril, 1853)*(Hylodes vitianus* Duméril, 1853; *Halophila heros* Girard, 1853; *Platymantis unilineata* Peters, 1869)

Type: MNHN 3887a,b,c from Viti Island

Range: Viti Island

***Platymantis vitiensis*** (Girard, 1853)*(Cornufer vitiensis* Girard, 1892)

Type: USNM 14575-76 from Levuka, Fiji

Range: Ovalau, Fiji Island

***Platymantis weberi*** Schmidt, 1932

Type: FMNH 13723 from Tulagi, Solomon Isl.

Range: Solomon

**Note:** (1) Several undescribed species are recorded from Papua and the Philippines; (2) The genus *Cornufer* will be resurrected to accommodate species with wide toe and finger disk, and probably also another new genus, but species group division in islands of New Guinea is still vague. (3) Two new forms are being in preparation to be described from near Sulawesi and Morotai island.



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**Genus *Rana* Linnaeus, 1758**

(*Ranaria* Rafinesque-Schmaltz, 1814; *Palmirana* Ritgen, 182, n.n.; *Hylarana* Tschudi, 1838; *Strongylopus* Tschudi, 1838; *Limnodytes* Duméril and Bibron, 1841; *Hydrophylax* Fitzinger, 1843; *Lithobates* Fitzinger, 1843; *Pelophylax* Fitzinger, 1843; *Zoodioctes* Gistel, 1848; *Ranula* (non Schumacher, 1817) Peters, 1860 "1859"; *Hylarana* Günther, 1864, emend.; *Pohlia* Steindachner, 1867; *Trypheropsis* Cope, 1868; *Pachybatrachus* (non Keferstein, 1868) Mivart, 1869 "1868; *Clinotarsus* Mivart, 1869; *Crotaphitis* Schulze, 1891; *Baliopygus* Schulze, 1890; *Levirana* Cope, 1894; *Chilixalus* Werner, 1899; *Babina* Van Denburgh, 1912; *Babina* (non Van Denburgh, 1912) Thompson, 1912; *Pterorana* Kiyasetuo & Khare, 1986; *Amietia* Dubois, 1987 "1986"; *Rugosa* Fei, Ye & Huang, 1991 "1990"; *Pseudorana* Fei, Ye & Huang, 1991 "1990"; *Tenuirana* Fei, Ye & Huang, 1991 "1990" *Odorrana* Fei, Ye & Huang, 1991 "1990", *Amerana* Dubois, 1992, *Afrana* Dubois, 1992, *Amnirana* Dubois, 1992, *Aquarana* Dubois, 1992; *Aurorana* Dubois, 1992, *Chalcorana* Dubois, 1992; *Eburana* Dubois, 1992; *Humerana* Dubois, 1992; *Nasirana* Dubois, 1992; *Nidirana* Dubois, 1992; *Pantherana* Dubois, 1992; *Papurana* Dubois, 1992; *Pulchrana* Dubois, 1992; *Sylvirana* Dubois, 1992; *Sanguirana* Dubois, 1992; *Sierrana* Dubois, 1992; *Tylerana* Dubois, 1992; *Zweifelia* Dubois, 1992)

**A genus with about 320 species**

Type Species: *Rana temporaria* Linnaeus, 1758 from Sweden

Generic range: cosmopolitan, except in the arctics

***Rana albotuberculata* Inger, 1954**

Type: MCZ 23190 from Cabalian, Leyte

Range: Leyte, Mindanao, Samar

***Rana alticola* Boulenger, 1882**

(*Hylarana tyleri* (non Theobald) Stoliczka, 1870; *Hylarana pipiens* Jerdon, 1870; *Rana leptoglossa* (non Cope, 1868) Annandale, 1917)

Type: BMNH (3 ex.) from Shilong, Assam & Moulmein, Tenasserim, Myanmar

Range: Assam, Myanmar, Vietnam, Thailand

***Rana andersonii* Boulenger, 1882**

(*Polypedates yunnanensis* (non *Rana yunnanensis* Anderson, 1879) Anderson, 1879; *Rana andersonii* Boulenger, 1882).

Type: BMNH (1 ex) from Hotha, Yunnan, China

Range: China, Myanmar, Vietnam

***Rana archotaphus* Inger & Chanard, 1997**

Type: FMNH 214074 from Doi Inthanon National Park, Chiang May, Thailand

Range: Thailand

***Rana arfaki* Meyer, 1874**

(*Rana Arfaki* Meyer, 1874; *Rana macroscelis* Boulenger, 1888; *Rana fallax* van Kampen, 1913; *Rana waigeensis* van Kampen, 1913)

Type: MTKD (destroyed) from Arfak Mts., Papua

Range: Aru, Papua, Papua New Guinea

***Rana attigua*** Inger, Orlov and Darevsky, 1999

Type: FMNH 252775 from Buon Luoi, An Khe District, Gia Lai Province, Vietnam

Range: Tram-Lap Village and Kon Cha Ran, An Khe District, Gia-Lai Province, Vietnam

***Rana baramica*** Boettger, 1901

(*Rana laterimaculata* Barbour & Noble, 1916)

Type: SMF 4331 from Baram River, Sarawak

Range: Peninsular Malaysia, Batu Island, Sumatra, Bangka, Borneo, Java

***Rana catesbeiana*** Shaw, 1802

Type: MNHP from Charlestown, South California

Range: USA, Thailand (introduced); Peninsular Malaysia (introduced), Java (introduced), Bali (introduced)

***Rana celebensis*** (Peters, 1872)

(*Limnodytes celebensis* Peters, 1872)

Type: ZMB 5745 from Gorontalo, Sulawesi

Range: Sulawesi

***Rana chalconota*** (Schlegel, 1837)

(*Hyla chalconota* Schlegel, 1837; *Rana mackloti* Schlegel, 1837; *Polypedates Junghuhnii* Bleeker, 1856)

Type: RMNH 5364, 4264a,b from Java

Range: Thailand, Nicobar, Peninsular Malaysia, Sumatra, Borneo, Java, Bali, Sulawesi.

(Note: This is a complex of species, confirmation of *R. raniceps* as distinct from *R. chalconota* is badly needed)

***Rana chapaensis*** (Bourret, 1937)

(*Hylarana chapaensis* Bourret, 1937)

Type: MNHN 1'938.61 from Chapa, Vietnam

Range: Vietnam

***Rana crassiovis*** Boulenger 1920

Type: BMNH (2 ex.) from Barong Baru, Kerinci Mt, Sumatra

Range: Kerinci Mt, Sumatra

***Rana cubitalis*** Smith, 1917

Type: BMNH from Doi Nga Chang, Thailand

Range: Thailand

***Rana daemeli*** (Steindachner, 1868)

(*Hylarana Daemeli* Steindachner, 1868; *Hylarana nebulosa* Macleay, 1877; *Hyla nobilis* de Vis, 1884; *Rana novaebritanniae* Werner, 1894; *Rana grisea milneana* Loveridge, 1948)

Type: NHMW 16382.1-2; 3244.1-7 from Cape York, Queensland

Range: Queensland, S New Guinea, Aru

***Rana debussyi*** van Kampen, 1910

Type: ZMA (lost) from Bandar Baru, Deli

Range: N Sumatra

(Note: The species is probably based on *R. luctuosa* or a mottled *R. hosii*).***Rana elberti*** Roux, 1911(*Rana timorensis* Smith, 1927)

Type: SMF 4470, from Iliwaki, Wetar

Range: Sumba, Timor, Wetar, Babar?; Tanimbar?

***Rana erythraea*** (Schlegel, 1837)(*Hyla erythraea* Schlegel, 1837; *Hylorana tyleri* Theobald, 1868)

Type: RMNH 1744a-d; 1746a-i; 1749 from Java

Range: Nicobar, Myanmar, Kampuchea, Laos, Vietnam, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Sulawesi, Negros, Panay

***Rana everetti*** Boulenger, 1882(*Rana Everetti* Boulenger, 1882; *Rana mearnsi* Stejneger, 1905; *Rana dubita* Taylor, 1920)

Type: BMNH from Zamboanga, Mindanao

Range: Mindanao, Sulawesi

(Note: The Sulawesi population is an undescribed species)

***Rana florensis*** Boulenger, 1897

Type: BMNH from Flores

Range: Lombok, Sumbawa, Flores

***Rana garritor*** Menzies, 1987

Type: UPNG 1647 from Eilogo, Sogeri, Central Papua New Guinea

Range: Waigeo, South New Guinea, Papua New Guinea

***Rana glandulosa*** Boulenger, 1882

Type: BMNH from Sarawak, Borneo

Range: Thailand, Peninsular Malaysia, Sumatra, Borneo

***Rana grahami*** Boulenger, 1917

Type: BMNH? from Yunnanfu, Yunna, China

Range: China, Vietnam

***Rana grandocula*** Taylor, 1920(*Rana philippinensis* Taylor, 1920; *Rana yakani* Taylor, 1922)

Type: CM 3501 (EHT 334) from Bunawan, Mindanao

Range: Bunawan, Mindanao

***Rana grisea*** van Kampen, 1913(*Rana grisea* var *ceramensis* Smith & Proctor, 1921)

Type: ZMA 5704, from Went Mt., Papua

Range: Seram, Papua

***Rana guentheri*** Boulenger, 1882

(*Hylarana albolabris* Guenther, 1858, part; *Hylarana malabarica* (non Dumeril & Bibron) Steindachner, 1867; *Rana elegans* Boulenger, 1882)

Type: BMNH (3 ex.) from Amoy, China

Range: China, Vietnam

***Rana hosii*** Boulenger, 1891

(*Rana Hosii* Boulenger, 1882; *Rana durheimi* Baumann, 1913; *Rana cataracta* Smith, 1922; *Rana hosei* (emend.))

Type: BMNH from Mt. Dulit, Sarawak

Range: Southeast Asia, Thailand, Peninsular Malaysia, Mentawai, Sumatra, Borneo, Java

***Rana humeralis*** Boulenger, 1887

Type: MSNG 29299 from Bhamo, Myanmar

Range: Myanmar, Thailand

***Rana igorata*** Taylor, 1922

Type: CAS 61484 from Luzon

Range: Luzon

***Rana jimiensis*** Tyler, 1963

Type: AM R14711 from Jimi River, Papua New Guinea

Range: New Guinea

***Rana johnsi*** Smith, 1921

(*Rana sauteri johnsi* Smith, 1921)

Type: BMNH from Sui Kat, Annam, Vietnam

Range: Vietnam

***Rana kampeni*** Boulenger, 1920

(*Rana pantherina* (non Fitzinger) van Kampen, 1910)

Type: ZMA (lost) from Deli Sumatra

Range: Sumatra

***Rana krefftii*** Boulenger, 1882

Type: BMNH 55.11.7.26 from San Cristobal, Solomon

Range: Solomon Islands.

***Rana lateralis*** Boulenger, 1887

(*Rana sanguineomaculata* Lesson in Belang, 1832?)

Type: MSNG 29324 from Kokarit, Moulmein, Myanmar

Range: Myanmar, Thailand.

***Rana leptoglossa*** (Cope, 1868)

(*Hylorana leptoglossa* Cope, 1868; *Hylorana granulosa* Anderson, 1871)

Type: MCZ 1588a-c from Assam, India

Range: India, Myanmar, Thailand, Vietnam.



**Rana livida** Blyth, "1855" 1856

(*Polypedates smaragdinus* Blyth, 1852; *Polypedates lividus* Blyth, "1855" 1856; *Polypedates chloronotus* Guenther, 1875)

Type: ZSI (lost) from Tenasserim or Mergui, Myanmar

Range: India, S. China, Vietnam, Thailand, Peninsular Malaysia

**Rana longimanus** Andersson, 1939

Type: ZIUS from Kambati, Myanmar

Range: S. China, Myanmar

**Rana luctuosa** (Peters, 1871)

(*Lymnodytes luctuosus* Peters, 1871; *Rana decorata* Mocquard, 1890)

Type: MSNG 29344 from Sarawak, N. Borneo

Range: Peninsular Malaysia, Borneo

**Rana luzonensis** Boulenger, 1896

(*Rana merilli* Taylor, 1922; *Rana guerroi* Taylor, 1902; *Rana tafti* Taylor, 1902)

Type: BMNH (4 ex.) from Lepauto, Luzon

Range: Luzon, Philippines

**Rana macrops** Boulenger, 1897

Type: NHMB 1022 from Mt. Masarang, Sulawesi

Range: Sulawesi

**Rana macrodactyla** (Guenther, 1859"1858")

(*Hylarana macrodactyla* Guenther, 1858; *Rana trivittata* Hallowell, 1860; *Hylarana subcoerulea* Cope, 1868)

Type: BMNH (6 ex.) from Hongkong, China

Range: China, Kampuchea, Vietnam, Myanmar, Laos, Thailand, Peninsular Malaysia

**Rana maosonensis** (Bourret, 1937)

(*Hylarana maosonensis* Bourret, 1937)

Type: MNHN 38-46-53;48-140-143 from Maoson, Tonkin

Range: Vietnam

**Rana margariana** (Anderson, 1879"1878)

(*Hylarana margariana* Anderson, 1879"1878")

Type: ZIUU (lost) from small tributary of Irrawady River, Myanmar

Range: Myanmar

**Rana melanomenta** Taylor, 1920

Type: BSM (destroyed) from Papahag, Sulu

Range: Sulu, Philippines

**Rana milleti** Smith, 1921

Type: BMNH (10 ex.) (ex. M. Smith 5119, 5128-29, 2571, 2600, 2602, 4818, 5103, 5107). from "Dalat" (9 specimens) & (M. Smith 5176) from Langbian Plateau, southern Annam, Vietnam.

Range: Vietnam

***Rana miopus*** Boulenger, 1918

Type: BMNH from Khao Wang Hip &amp; Nakhon Si Thammarat, Thailand

Range: Thailand, Peninsular Malaysia

***Rana moluccana*** (Boettger, 1895)*(Hylarana moluccanus* Boettger, 1895)

Type: SMF 6562 from Ternate

Range: Halmahera, Bacan

***Rana moellendorffi*** Boettger, 1893

Type: SMF 5432 from Culion, Calamian, Philippine

Range: Culion, Philippines

***Rana montivaga*** Smith, 1921

Type: BMNH (10 ex.) (ex. M. Smith 2529-30, 2572, 4826, 4829, 5013, 5122-24, 5126) from Dalat, Vietnam

Range: Annam, Vietnam

***Rana mocquardi*** Werner, 1901*(Rana Mocquardi* Werner, 1901)

Type: MNHN or SMF from Sulawesi

Range: Sulawesi

(Note: This species is retained as valid because the Sulawesi forms are distinct and related to *Rana chalconota*)***Rana nicobariensis*** (Stoliczka, 1870)*(?Hyla bilineata* Daudin, 1803; *Hylarana Nicobariensis* Stoliczka, 1870; *Rana macularia* var. *javanica* Horst, 1883; *Rana Masonii* Boulenger, 1884 (part.); *Rana erythraea* var. *elongata* Werner, 1892; *Rana lemniscata* Boettger, 1893; *Rana tyleri* Isenschmid, 1903; *Rana suluensis* Taylor, 1920; *Rana sanchezi* Taylor, 1920; *Rana mackloti* Schlegel, 1837 (part.))

Type: ZSI 2783, 2785-86; 3562-63; 3565-70 (10 ex.) from Nicobar Isl.

Range: India, Nicobar, Myanmar, Thailand, Peninsular Malaysia, Mentawai, Sumatra, Borneo, Java, Bali, Philippines

***Rana nigrovittata*** (Blyth, 1855)*(Lymnodytes nigrovittatus* Blyth, 1855; *Rana Mortenseni* Boulenger, 1903)

Type: BMNH 1947.2.2.93 (ex. ZSI 2774) from Tenasserim &amp; ZSI 2685, 2773 from Mergui (Myek or Beik) Myanmar

Range: Nepal, Assam, India, Myanmar, Thailand, Vietnam, Laos, Peninsular Malaysia, Sumatra

***Rana novaeguineae*** van Kampen, 1909

Type: ZMA 5761 from lower Lorentz River, Papua

Range: Papua

***Rana oatesii*** Boulenger 1892*(Rana Oatesii* Boulenger, 1903)

Type: BMNH from Toungoo, Myanmar

Range: Myanmar, Thailand

***Rana papua*** Lesson, 1830

(*Rana waigiensis* Duméril & Bibron, 1841; *Lymnodytes papuensis* Meyer, 1874; *Rana fallax* van Kampen, 1913; *Rana semelvella* Menzies, 1987)

Type: MNHN 4575a,b from Offak Bay, Waigeo

Range: Waigeo, Yapen, Papua

***Rana persimilis*** van Kampen, 1923

Type: NHMB 1029 from Laut Tadder, Sumatra

Range: Sumatra

***Rana picturata*** Boulenger, 1920

Type: BMNH (10 ex.) from Bidi Cave, Sarawak, Barabai, Kalimantan & Mt. Kinabalu, Sabah

Range: Peninsular Malaysia, Sumatra, Borneo

***Rana raniceps*** (Peters, 1871)

(*Polypedates raniceps* Peters, 1871; *Rana labialis* Boulenger, 1887)

Type: ZMB 5020a,b from P. Macan; MSNG 29376A; from Borneo

Range: Peninsular Malaysia, Sumatra, Borneo

(Note: This form is considered as subspecies of *Rana chalconota* by Inger, 1966).

***Rana sanguinea*** Boettger, 1893

(*Rana varians* Boulenger, 1894)

Type: SMF 6221 from Calamian Island, Philippine

Range: Palawan, Calamian, Sulawesi, Maluku?

***Rana sauteri*** Boulenger, 1909

Type: BMNH (10 ex.) from Kanshirei, Taiwan

Range: Taiwan, China, Vietnam

***Rana scutigera*** Andersson, 1916

Type: ZIUU or NHRM from Sanuk, Thailand

Range: Myanmar?, Thailand

(Note: probably a synonym of *Polypedates leucomystax*)

***Rana siberu*** Dring, McCarthy & Whitten, 1977

Type: BMNH 1979.306 from Teitei Bulak, Sabeuleuleu, Siberut Island

Range: Siberut, Sumatra

***Rana signata*** (Guenther, 1872)

(*Polypedates signatus* Guenther, 1872; *Rana obsoleta* Mocquard, 1890)

Type: BMNH from Matang, Sarawak

Range: Sarawak, Borneo

***Rana similis*** (Guenther, 1872)

(*Polypedates similis* Guenther, 1873)

Type: BMNH From Laguna Bay, Luzon

Range: Luzon

***Rana supragrisea* Menzies, 1987**

Type: UPNG 3586 from Mai-u River, Mt. Suckling, Papua New Guinea

Range: Papua, Papua New Guinea

***Rana taipehensis* van Denburgh, 1909**

(*Rana bilineata* (non *Hyla bilineata* Daudin, 1803) Pillai & Chanda, 1981; *Rana albolineata* Dubois, 1987)

Type: CAS 18007 from Taipeh, Formosa

Range: E India, S, China, Myanmar, Vietnam, Thailand

***Rana tipanan* Brown, McGuire & Diemos, 2000**

Type: PNM 5727 from Kabatangan River, Mt. Ma-Aling-Aling, Luzon

Range: Luzon

Note: (1) Several undescribed species have been found from Sumatra, Borneo and Sulawesi; (2)

A number of subgenus and species groups has been proposed by Dubois is not followed here, although some of them will appear to be a good genus in the near future.

**Genus *Staurois* Cope, 1865**

(*Simomantis* Boulenger, 1918)

A genus with four species

Type Species: *Ixalus natator*, Guenther, 1859 "1858" from Philippines

Generic range: Borneo, Philippines

***Staurois guttatus* (Guenther, 1859 "1858")**

(*Ixalus guttatus* Guenther, 1858; *Ixalus granulatus* (non *Rana granulatus* Boettger, 1884) Boettger, 1888; *Rhacophorus granulatus* Ahl, 1927)

Type: BMNH from Borneo

Range: Borneo, Palawan

(Note: The Bornean and Palawan populations are assigned to *Staurois guttatus* by nature of the differences in size, dorsum colouration, dark egg colouration and by the nature of the presence of vomerine teeth [vide Inger, 1966], different compared to *Staurois natator*)

***Staurois latopalmatus* (Boulenger, 1887)**

(*Ixalus latopalmata* Boulenger, 1887)

Type: BMNH from Mt. Kinabalu

Range: Borneo

***Staurois natator* (Guenther, 1859 "1858")**

(*Rana natatrix* Boulenger, 1882; *Ixalus nubilus* Mocquard, 1890)

Type: BMNH 1933.9.10.9-10 from Philippines

Range: Mindanao, Leyte

***Staurois tuberilinguis* Boulenger, 1918**

(*Staurois parvus* Inger & Haille, 1960)

Type: BMNH from Mt. Kinabalu, Sabah

Range: Borneo

**TOMOPTERNINAE:**

**Genus *Sphaerotheca*** Guenther, "1858" 1859

(*Laliostoma* Glaw, Vences, and Böhme, 1998)

**A genus with species**

**Type Species:** *Pyxicephalus delalandii* Tschudi 1838 from Africa

**Generic range:** Africa, India, Myanmar

***Sphaerotheca breviceps*** (Schneider, 1799)

(*Rana breviceps* Schneider, 1799; *Rana variegata* Gravenhorst, 1829; *Sphaerotheca strigata* Günther, 1859 "1858", *Pyxicephalus pluvialis* Jerdon, 1853, *Pyxicephalus fodiens* Jerdon, 1853, *Tomopterna strigata* Guenther, 1860; *Pyxicephalus frithi* Theobald, 1868)

**Type:** ZMB 3351 (2 ex.) from Tamil Nadu, Tranquebar, India

**Range:** Pakistan, India, Sri Lanka, Nepal, Bangladesh, Myanmar

## RHACOPHORIDAE

### Genus *Chirixalus* Boulenger, 1893

A genus with ten species

Type Species: *Chirixalus doriae* Boulenger, 1893 from Myanmar

Range: India, S. Japan, S. China, Myanmar, Vietnam, Thailand

#### *Chirixalus doriae* Boulenger, 1893

Type: MSNG 19426 from Karin Bian Po, Myanmar

Range: S. China, Myanmar, Vietnam, Thailand

#### *Chirixalus hansenae* (Cochran, 1927)

(*Philautus hansenae* Cochran, 1927)

Type: USNM 70109 from Nong Khor, Thailand

Range: Thailand

#### *Chirixalus laevis* (Smith, 1924).

(*Philautus laevis* Smith, 1924),

Type: BMNH (ex M. Smith 2439). From Sui Kat, Langbian Plateau, S. Annam, Vietnam.

Range: Vietnam

#### *Chirixalus nongkhorensis* (Cochran, 1927)

(*Philautus nongkhorensis* Cochran, 1927; *Rhacophorus (Philautus) striatus* Ahl, 1930)

Type: USNM 70108 from Nong Khor, Thailand

Range: Myanmar, Thailand, Vietnam

#### *Chirixalus palpebralis* Smith, 1924

(*Philautus palpebralis* Smith, 1924)

Type: BMNH (ex M. Smith 2589) from Langbian, S. Annam,

Range: Vietnam

#### *Chirixalus vittatus* (Boulenger, 1887)

(*Ixalus vittatus* Boulenger, 1887)

Type: MSNG 29397 from Bhamo, Myanmar

Range: India, S. China, Myanmar, Vietnam, Thailand.

### Genus *Leptomantis* Peters, 1867

(*Gorhixalus* Dubois, 1992)

A genus with five species

Type Species: *Leptomantis bimaculata* Peters, 1867 from Mindanao

Range: Thailand, Malaysia, Sumatra, Borneo, Mindanao, Bohol, Luzon

***Leptomantis angulirostris* (Ahl, 1927)**

(*Rhacophorus acutirostris* (non *Ixalus acutirostris* Peters, 1867) Mocquard, 1890;  
*Rhacophorus (Leptomantis) angulirostris* Ahl, 1927)

Type: MNHN 89-250 - 251 from Mt. Kinabalu, Sabah

Range: N. Borneo, Sumatra?

***Leptomantis appendiculatus* (Guenther, 1859)**

(*Polypedates appendiculatus* Guenther, 1858; *Rhacophorus phyllopygus* Werner, 1900;  
*Rhacophorus chaseni* Smith, 1925; *Rhacophorus (Rhacophorus) naso* Ahl, 1931)

Type: BMNH from Philippines

Range: India?, Peninsular Malaysia, Sumatra, Mentawai, Borneo, Mindanao, Bohol, Negros

***Leptomantis bimaculatus* Peters, 1867**

(*Leptomantis bimaculata* Peters, 1867; *Philautus zamboangensis* Taylor, 1922)

Type: ZMB 5681; NHMW 16091 from Agusan, Mindanao

Range: Mindanao, Bohol, Luzon

***Leptomantis cyanopunctatus* (Manthey & Steiof, 1998)**

(*Philautus cyanopunctatus* Manthey & Steiof, 1998)

Type: ZMB 57895 from Khao Sok National Park, Surat Thani, Phanom, Thailand

Range: Thailand, Vietnam Peninsular Malaysia; Borneo; Sumatra

***Leptomantis gauni* (Inger, 1966)**

(*Philautus gauni* Inger, 1966)

Type: FMNH 136314 from Mengiong River, Sarawak

Range: Borneo

***Leptomantis hosii* (Boulenger, 1895)**

(*Rhacophorus hosii* Boulenger, 1895)

Type: BMNH 95.7.2.21 from Patah River, Sarawak

Range: W & N Borneo

***Leptomantis ingeri* (Dring, 1987)**

(*Philautus ingeri* (Dring, 1987)

Type: BMNH 1978.1820 from Mt. Mulu, Sarawak

Range: N Borneo

(Note: This polyphyletic genus is provisionally considered as valid based on all species are of small or medium size between *Philautus* and *Rhacophorus*, occurred at lowlands and by the different in reproductive strategy, eggs are laid in foamy nest and the known tadpoles of several species that are known, have sucker like mouth adapted to medium current. We lumped the subgenus *Gorhixalus* of Dubois (1992) within this genus).

**Genus *Nyctixalus*** Boulenger, 1882*(Hazelia* Taylor, 1920; *Edwardtayloria* Marx, 1975)**A genus with four species**Type Species: ***Nyctixalus margaritifer*** Boulenger, 1882 from Java

Range: India, Peninsular Malaysia, Sumatra, Borneo, Java, Philippines

***Nyctixalus margaritifer*** Boulenger, 1882*(Ixalus flavosignatus* Boettger, 1893)

Type: BMNH 1885.12.31.35 from Mt. Willis, E. Java)

Range: Java

***Nyctixalus pictus*** (Peters, 1871)*(Ixalus pictus* Peters, 1871; *Rhacophorus anodon* van Kampen, 1907)

Type: MSNG 10062 from Sarawak

Range: Peninsular Malaysia, Sumatra, Mentawai, Borneo, Palawan

***Nyctixalus spinosus*** (Taylor, 1920)*(Hazelia spinosa* Taylor, 1920)

Type: CM 3427 from Bunawan, Angus, Mindanao

Range: Basilan, Mindanao, Bohol

**Genus *Philautus*** Gistel, 1848*(Orchestes* (non *Orchestes* Illiger, 1798) Tschudi, 1838; *Ixalus* (non *Ixalus* Ogilby, 1837) Duméril and Bibron, 1841; *Pseudophilautus* Laurent, 1943; *Kirtixalus* Dubois, 1987)**A genus with about 80 species**Type Species: ***Hyla aurifasciatus*** Schlegel, 1837-1844 from Java

Generic range: India, SE Asia, Sundaland, Philippines

***Philautus abditus*** Inger, Orlov and Darevsky, 1999

Type: FMNH 252833 from Buon Luoi, An Khe District, Gia-Lai Province, Vietnam

Range: An Khe District, Gia-Lai Province, Vietnam

***Philautus acutirostris*** (Peters, 1867)*(Ixalus acutirostris* Peters, 1867, *Philautus woodi* Stejneger, 1905; *Philautus basilanensis* Taylor, 1922)

Type: ZMB 5690; NMW 22885 from E. Mindanao

Range: Mindanao and Basilan

***Philautus acutus*** Dring, 1987

Type: BMNH 1978.1765 from Mt. Mulu, Sarawak

Range: N. Borneo



***Philautus alticola*** Ahl, 1931

(*Philautus montanus* (non *Ixalus montanus* Günther, 1875) Taylor, 1920)

Type: Bureau of Science (destroyed) from Mt. Bongao, Bongao Island, Sulu

Range: Bongao Island, Sulu

***Philautus amoenus*** Smith, 1931

Type: BMNH 1929.12.22.25-25a from Kamboranga, Mt. Kinabalu, Borneo

Range: Mt. Kinabalu, Borneo

***Philautus aurantium*** Inger, 1989

(*Philautus aurantium gunungensis* Malkmus & Riede, 1996)

Type: FMNH 233224 from Mendolong, Sipitang, Sabah

Range: Sabah

***Philautus aurifasciatus*** (Schlegel, 1837)

(*Hyla aurifasciatus* Schlegel, 1837; *Nyctixalus robinsoni* Annandale, 1917)

Type: RMNH 4266, 5064a-f from Java

Range: Kampuchea, Thailand, Peninsular Malaysia, Sumatra, Java

***Philautus banaensis*** Bourret, 1939

Type: MNHN 48-159-162 from Bana, N Vietnam

Range: Vietnam

***Philautus bunitus*** Inger & Stuebing & Tan, 1995

Type: FMNH 239261 from Lumaku, Sipitang, Sabah

Range: Sabah

***Philautus carinensis*** (Boulenger, 1893)

(*Ixalus carinensis* Boulenger, 1920)

Type: BMNH & MSNG from Karen Hill, Thao & Karen Bian Po, Myanmar

Range: Myanmar, Vietnam

***Philautus cinerascens*** (Stoliczka, 1870)

(*Ixalus cinerascens* Stoliczka, 1870)

Type: ZSI 2716 from altran River, East Molmein, (Dawna Hills) Tenasserim,

Myanmar

Range: Myanmar

***Philautus cornutus*** (Boulenger, 1920)

(*Ixalus cornutus* Boulenger, 1920)

Type: BMNH & ZRC? from Sungai Kring, Kerinci, Sumatra

Range: Mt. Kerinci, Sumatra

***Philautus disgregus*** Inger, 1989

Type: FMNH 231140 from Danum Valley, Lahad Datu, Sabah

Range: Sabah

***Philautus gracilipes*** Bourret, 1937

Type: MNHN 48-156 from Chapa, Vietnam

Range: South China, North Vietnam

***Philautus gryllus* Smith, 1924**

Type: BMNH (MA Smith 4962) from Mt. Langbian, S. Annam,

Range: Vietnam

***Philautus jacobsoni* (van Kampen, 1912)***(Ixalus jacobsoni* van Kampen, 1912)

Type: ZMA 5709 from Mt. Ungaran, Java

Range: Mt. Ungaran, Java

***Philautus jinxiuensis* Hu & Tian, 1981**

Type: CIB 660386 from Jinxiu, Yao Shan, Guangxi, China

Range: China, Vietnam

***Philautus kerangae* Dring, 1987**

Type: BMNH 1978.1771 from Mt. Mulu, Sarawak

Range: N Borneo

***Philautus leitensis* (Boulenger, 1897)***(Ixalus leitensis* Boulenger, 1897)

Type: BMNH 96.12.11.32 from Leyte

Range: Leyte, Bohol

***Philautus longicrus* (Boulenger, 1894)***(Ixalus longicrus* Boulenger, 1894)

Type: BMNH 1947.2.6.28-30 from Palawan

Range: Borneo, Palawan

***Philautus maosonensis* Bourret, 1937**

Type: MNHN 48-157-158 from Mao-Son, Tonkin

Range: North Vietnam

***Philautus mjobergi* Smith, 1925**

Type: BMNH 1925.9.1.1 from Mt. Murud, Sarawak

Range: Borneo

***Philautus odontotarsus* Fei & Ye, 1998**

Type: CIB? (not traced)

Range: China, Vietnam

***Philautus pallidipes* (Barbour, 1908)***(Ixalus pallidipes* Barbour, 1908)

Type: MCZ 2442 from Mt. Pangrango, Java

Range: Java

***Philautus parvulus* (Boulenger, 1893)***(Ixalus parvulus* Boulenger, 1893)

Type: MSNG 29838 from Karin Hill, Myanmar

Range: Myanmar, Thailand, Vietnam

***Philautus petersi*** (Boulenger, 1892)

(*Ixalus petersi* Boulenger, 1892; *Ixalus larutensis* Boulenger, 1900; *Ixalus castanomerus* Boulenger, 1905)

Type: BMNH 1899.12.8.10; 1909.8.18.5 from Mt. Penrisen, Sarawak

Range: Peninsular Malaysia, Natuna?, Borneo

***Philautus poecillus*** Brown & Alcalá, 1994

Type: CAS 133526 from Mt. Hilonghilong, Angusán, Mindanao

Range: Mindanao

***Philautus refugii*** Inger & Stuebing, 1996

Type: FMNH 252418 from Bukit Lanjak, Sarawak

Range: Sarawak

***Philautus saueri*** Malkmus & Riedle, 1996

Type: ZMB 53626 from Pakka Cave, Mt. Kinabalu

Range: Borneo

***Philautus schmackeri*** (Boettger, 1892)

(*Ixalus schmackeri* Boettger, 1892; *Ixalus mindorensis* Boulenger, 1897)

Type: SMF 7035 from Mt. Halcon, Mindoro

Range: Mindoro

***Philautus similis*** van Kampen, 1923

Type: RMNH 5066 from Mt. Talakmau, Sumatra

Range: Sumatra

***Philautus surdus*** Peters, 1863

(*Polypedates surdus* Peters, 1863; *Philautus williamsi* Taylor, 1922; *Rhacophorus lissobranchius* Inger, 1954)

Type: ZMB 4920 (not found) from Luzon

Range: Mindanao, Luzon, Bohol

***Philautus surrufus*** Brown & Alcalá, 1994

Type: CAS-SU 21013 from Dapitan Peak, Mindanao

Range: Mindanao

***Philautus tectus*** Dring, 1987

Type: BMNH 1978.1825 from Mt. Mulu, Sarawak

Range: N Borneo

***Philautus tuberculatus*** (Anderson, "1878" 1879)

(*Ixalus tuberculatus* (non *Polypedates tuberculatus* Anderson, 1871), non *Ixalus tuberculatus* Boulenger, 1882) Anderson, "1878" 1879; *Rhacophorus andersoni* Ahl, 1927)

Type: ZIUU? from Kakhien, Myanmar

Range: Assam, Tibet, S China, Myanmar

***Philautus tyttus*** Smith, 1940

Type: BMNH 1940.6.1.40 from Htingan, N Myanmar

Range: N Myanmar

***Philautus umbra*** Dring, 1987

Type: BMNH 1978.1806 from Gunung Api, Mt. Mulu, Sarawak

Range: N Borneo

***Philautus vermiculatus*** (Boulenger, 1900)*(Ixalus vermiculatus* Boulenger, 1900; *Ixalus brevipes* Boulenger, 1908)

Type: BMNH (3 ex.) &amp; Selangor Mus from Larut Hill, Perak

Range: Peninsular Malaysia

***Philautus williamsi*** Taylor, 1922

Type: CAS 62253 from Polilio

Range: Luzon, Polilio

***Philautus worchesteri*** (Stejneger, 1905)*(Cornufer worchesteri* Stejneger, 1905; *Rhacophorus emembranatus* Inger, 1954)

Type: USNM 34784 from Mt. Apo, Davao del Norte, Mindanao

Range: Mindanao

***Philautus vittiger*** (Boulenger, 1897)*(Ixalus vittiger* Boulenger, 1900)

Type: BMNH from Pangalengan, Java

Range: Java

**Note:** (1) Many new forms are found from many places (2) Several species groups and subgenera have been proposed by Dubois, but not followed here. (3) The genus is surely polyphyletic based on different reproductive strategies, but such information of most species remained unknown.

**Genus *Polypedates*** Tschudi, 1838*(Trachyhyas* Fitzinger, 1843)**A genus with about 24 species**Type species: *Hyla leucomystax* Gravenhorst, 1829 from Java

Generic range: Japan, China, India SE Asia, Indonesia, Philippines

***Polypedates colletti*** (Boulenger, 1890)*(Rhacophorus colletti* Boulenger, 1890; *Rhacophorus cruciger* Mocquard, 1890)

Type: BMNH? from Langkat, N. Sumatra

Range: Thailand, Peninsular Malaysia, Sumatra, Borneo, Natuna

***Polypedates dennysii*** (Blanford, 1881)*(Rhacophorus dennysii* Blanford, 1881; *Rhacophorus exiguus* Boettger, 1894; *Hyla albotaeniata* Vogt, 1927; *Polypedates feyi* Chen, 1929; *Polypedates (Rhacophorus) dennysii burmana* Andersson, 1938; *Rhacophorus leucofasciatus* Liu and Hu, 1962)

Type: BMNH or ZRC from S. China

Range: S. China, Myanmar

***Polypedates dugritei* David, 1871**

(*Polypedates bambusicola* Barbour, 1921)

Type: MNHN? from Muping (Bao-Xing), Sichuan, China

Range: China, Vietnam

***Polypedates feae* Boulenger, 1893**

(*Rhacophorus feae* Boulenger, 1893)

Type: MSNG from Thao, N Myanmar

Range: S. China, Myanmar, Thailand, Vietnam

***Polypedates insularis* Das, 1995**

Type: ZSI A8731 from Galathea River, Galathea National Park, Great Island

Range: Nicobar Island

***Polypedates leucomystax* (Gravenhorst, 1829)**

(*Hyla leucomystax* Gravenhorst, 1829; *Hyla sexvirgata* Gravenhorst, 1829; *Hyla quadrilineata* Wiegman, 1835; *Hyla leucopogon* Tschudi, 1838; *Hyla quadrivirgata* Tschudi, 1838; *Polypedates rugosus* Duméril & Bibron, 1841; *Polypedates junghuhnii* Bleeker, 1856; *Limnodytes celebensis* Fitzinger, 1861; *Hylarana longipes* Fischer, 1885; *Rhacophorus acanthostomus* Werner, 1901; *Rhacophorus braueri* Vogt, 1911)

Type: Breslau (destroyed?) from Java

Range: India, S. China, Nicobar, Myanmar, Kampuchea, Laos, Vietnam, Thailand, Peninsular Malaysia, Mentawai, Sumatra, Borneo, Java, Sulawesi, Bali, Lombok, Sumbawa Sumba, Flores, Timor, Philippines

***Polypedates macrotis* (Boulenger, 1891)**

(*Rhacophorus macrotis* Boulenger, 1891; *Polypedates lincki* Taylor, 1922; *Rhacophorus kampeni* Ahl, 1927)

Type: BMNH 1947.2.8.18 from Sarawak, Borneo

Range: Peninsular Malaysia, Sumatra, Mentawai, Borneo, Natuna, Palawan, Busuanga, Calauit, Jolo

***Polypedates megacephalus* Hallowell, 1861 "1860",**

(*Polypedates megacephalus* Hallowell, 1861 "1860"; *Polypedates maculatus* var. *unicolor* Müller, 1878; *Rhacophorus braueri* Vogt, 1911; *Rhacophorus (Rhacophorus) baueri* Ahl, 1931)

Type: ANSP from Hongkong [China].

Range: Thailand, Vietnam, Laos, China

***Polypedates mutus* (Smith, 1940)**

(*Rhacophorus mutus* Smith, 1940)

Type: BMNH 1940.6.1.3-4 from N'Chang Yang, Myanmar

Range: Myanmar, China

***Polypedates otilophus*** (Boulenger, 1893)*(Rhacophorus otilophus* Boulenger, 1893)

Type: BMNH from Bongon, N. Borneo

Range: Sumatra, Borneo

**Genus *Rhacophorus*** Kuhl & van Hasselt., 1822*(Hypsiboas Wagler, 1830)*

A genus with about 60 species

Type species: ***Rhacophorus moschatus*** Kuhl & van Hasselt, 1822 =***Rhacophorus Reinwardtii*** Kuhl & van Hasselt, 1822 from Java;

Generic range: India, China, Japan, SE Asia, Sundaland, Sulawesi

***Rhacophorus annamensis*** Smith, 1924

Type: BMNH (ex M. Smith 2450) from Daban, Phan Rang, Vietnam

Range: Vietnam

***Rhacophorus baliogaster*** Inger, Orlov and Darevsky, 1999

Type: FMNH 252839 from from Buon Luoi, An Khe District, Gia-Lai Province, Vietnam

Range: Buon Luoi, An Khe District, Gia-Lai Province, Vietnam

***Rhacophorus baluensis*** Inger, 1954

Type: USNM 130215 from Bundu Tuhan, Mt. Kinabalu, Sabah

Range: Borneo

***Rhacophorus bifasciatus*** van Kampen, 1923

Type: ZMA 5872-73, from Kring River, Kumbang River, &amp; Siolak Daras in Mt. Kerinci Sumatra

Range: Sumatra

***Rhacophorus bipunctatus*** Ahl, 1927*(Rhacophorus bimaculatus* (non Peters, 1867) Boulenger, 1882; *Rhacophorus rhodopus* Liu & Hu, 1959 )

Type: BMNH from Khasi Hill, India

Range: Assam, Thailand, Yunnan, Laos, Myanmar, Vietnam, Peninsular Malaysia

***Rhacophorus bisacculus*** Taylor, 1962

Type: FMNH? (EHT-HMS 34960) from Phu Kading, Loei, Thailand

Range: India, Thailand

***Rhacophorus calcaneus*** Smith, 1924

Type: BMNH (ex M. Smith 2409) from Langbian Peak, Vietnam

Range: Assam, India, Vietnam

***Rhacophorus depressus*** Ahl, 1927

Type: ZMB 23848 from "Java", Indonesia.

Range: ?

(Note: The type specimen appeared to be a rhacophorid with spiny nuptial pad but its real identity remained unresolved, because it is not related to any Indonesian species. It is probably more closely related to the mainland species)

***Rhacophorus dorsovireidis*** Bourret, 1937

Type: MNHN 1948.0149 from Mt. Fan Si Pan, Lao Cai, Vietnam

Range: Vietnam

***Rhacophorus duboisi*** Ohler, Marquis, Swan & Grosjean, 2000

Type: MNHN 1999.5971 from Mt. Fan Si Pan, Lao Cai, Vietnam

Range: Vietnam

***Rhacophorus dulitensis*** Boulenger, 1892*(Rhacophorus chiropterus* Werner, 1896)

Type: BMNH 92.6.3.15 from Mt. Dulit, Sarawak

Range: Peninsular Malaysia, Sumatra, Borneo

***Rhacophorus edentulus*** Muller, 1894

Type: NHMB 1180 from Tatoiya, Bulawa Mts, Sulawesi

Range: Sulawesi

***Rhacophorus everetti*** Boulenger, 1894*(Rhacophorus Everetti* Boulenger, 1894; *Rhacophorus macroscelis* Boulenger, 1896; *Philautus spiculatus* Smith, 1930)

Type: BMNH 94.6.3.126-127 from Palawan

Range: Palawan, Borneo

***Rhacophorus exechopygus*** Inger, Orlov and Darevsky, 1999

Type: FMNH 252841 from Tram Lap, An Khe District, Gia-Lai Province, Vietnam

Range: Vietnam

***Rhacophorus fasciatus*** Boulenger, 1895*(Rhacophorus shelfordi* Boulenger, 1900)

Type: BMNH 95.7.2.22-23 from Akah River, Sarawak

Range: Borneo

***Rhacophorus georgii*** Roux, 1904

Type: NHMB 1468 from Tua Palutal, Sulawesi

Range: Sulawesi

***Rhacophorus harrissoni*** Inger & Haille, 1960

Type: FMNH 83075 from Ulu Patah, Baram, Sarawak

Range: Borneo

***Rhacophorus hecticus*** (Peters, 1863)*(Polypedates hecticus* Peters, 1863)

Type: ZMB (4921, lost) from Loquilocum, Samar

Range: Samar Island

***Rhacophorus kajau*** Dring, 1983

Type: BMNH 1978. 1757 from Mt. Mulu, Sarawak

Range: Borneo

***Rhacophorus margaritifer*** (Schlegel, 1837)*(Hyla margaritifera* Schlegel, 1837; *Rhacophorus javanus* Boettger, 1893; *Rhacophorus barbouri* Ahl, 1927)

Type: RMNH from Java

Range: Java

***Rhacophorus maximus*** Guenther, 1859 "1858"*(Rhacophorus gigas* Jerdon, 1870)

Type: BMNH (4 ex) from Nepal &amp; Afghanistan (err)

Range: N India, S. China, Thailand

***Rhacophorus modestus*** Boulenger, 1920

Type: BMNH (5 ex) from Kumbang River, Kerinci

Range: Sumatra

***Rhacophorus monticola*** Boulenger, 1896

Type: NHMB 1188 from Loka, Bantaeng

Range: Sulawesi

***Rhacophorus nigropalmatus*** Boulenger, 1895

Type: BMNH from Akah River, Sarawak

Range: Thailand, Peninsular Malaysia, Sumatra, Borneo

***Rhacophorus notater*** Smith, 1924

Type: BMNH from Daban, Phan Rang, Annam

Range: S. Annam, Vietnam

***Rhacophorus pardalis*** Guenther, 1859*(Rhacophorus rizali* Boettger, 1899; *Rhacophorus pulchellus* Werner, 1900)

Type: BMNH (6 ex) from Philippines

Range: Sumatra, Mentawai?, Borneo, Philippines

***Rhacophorus poecilonotus*** Boulenger, 1920

Type: BMNH Kumbang River, Kerinci

Range: Sumatra

***Rhacophorus prominanus*** Smith, 1924

Type: BMNH (ex M. Smith 6691) from Jor, Batang Padang, Peninsular Malaysia

Range: Thailand, Peninsular Malaysia



***Rhacophorus reinwardtii*** (Kuhl & van Hasselt, 1822)

(*Rhacophorus moschatus* Kuhl & van Hasselt 1822; *Rhacophorus Reinwardtii* Kuhl & van Hasselt 1822; *Hyla reinwardtii* Wagler, 1830; *Rhacophorus Reinwardtii* var *lateralis* Werner, 1900)

Type: RMNH 1870a,b; 6517a,b; 3899 from Java

Range: S. China, Vietnam, Laos, Kampuchea, Thailand, Peninsular Malaysia, Sumatra, Java, Borneo

(Note: This species is known as a complicated species)

***Rhacophorus rhysocephalus*** Wolf, 1936

(*Rhacophorus pardalis rhysocephalus* Wolf, 1936)

Type: MTKD from Sangir, Sangihe Island

Range: Sangihe Island

***Rhacophorus robinsoni*** Boulenger, 1903

Type: BMNH from Patani Bay, Thailand

Range: Thailand, Peninsular Malaysia

***Rhacophorus rufipes*** Inger, 1966

Type: FMNH 147699 from Labang, Sarawak

Range: Borneo

***Rhacophorus taroensis*** Smith, 1940

Type: BMNH 1940.6.1.39 from Patsarlamdam, Myanmar

Range: N. Myanmar

***Rhacophorus tunkui*** Kiew, 1987

Type: UMKL 1986.1 from Jasin River, Ulu Endau, Johore, Peninsular Malaysia

Range: Peninsular Malaysia

***Rhacophorus turpes*** Smith, 1940

Type: BMNH 1940.6.1.29-30 from Hting Nan, Myanmar

Range: N. Myanmar

***Rhacophorus verrucosus*** Boulenger, 1893

Type: BMNH from Myanmar

Range: China, Myanmar, Thailand?, Vietnam

Note: (1) Several undescribed species have been found from Sulawesi, Sumatra and Malaysia)

**Genus *Theلودerma*** Tschudi, 1838

(*Phrynodesma* Annandale, 1912)

A genus with nine species

Type Species: *Theلودerma leporosa* Tschudi, 1838 from Padang, West Sumatra

Generic range: India, SE Asia, Thailand, Peninsular Malaysia, Sumatra, Borneo

***Theloderma asperum*** (Boulenger, 1886)

(*Ixalus asper* Boulenger, 1886; *Philautus asperrimus* Ahl, 1927)

Type: BMNH (2 ex) from Larut Hill, Perak

Range: India, S. China, Myanmar, Thailand, Vietnam, Peninsular Malaysia, Sumatra

***Theloderma bicolor*** (Bourret, 1937)

(*Rhacophorus leprosus bicolor* Bourret, 1937)

Type: MNHN 38-62; 48-152; 48-153 from Chapa, Tonkin

Range: Vietnam

***Theloderma corticale*** (Boulenger, 1903)

(*Rhacophorus corticalis* Boulenger, 1903)

Type: BMNH (4 ex) from Man-son, Tonkin

Range: Vietnam

***Theloderma fruhstorferi*** (Ahl, 1927)

(*Rhacophorus fruhstorferi* Ahl, 1927; *Theloderma gordonii* Taylor, 1962)

Type: ZMB 26563 from Tonkin, Vietnam

Range: Thailand, Vietnam

(Note: The type of *Rhacophorus fruhstorferi* has been examined in ZMB in 1998)

***Theloderma horridum*** (Boulenger, 1903)

(*Ixalus horridus* Boulenger, 1903)

Type: BMNH from Bukit Besar, Patani Bay, Thailand

Range: Thailand, Borneo

***Theloderma leporosum*** Tschudi, 1838 (*Hyla leporosa* Schlegel, 1837, 1844 n.n.;

*Theloderma leporosa* Tschudi, 1838; *Rhacophorus leprosus* (emend.))

Type: RMNH 1754 from Padang, W. Sumatra

Range: S. China, Peninsular Malaysia, Sumatra

***Theloderma molloch*** (Annandale, 1912)

(*Phrynodes molloch* Annandale, 1912)

Type: ZSI16951-52 from Upper Renging, Assam, Aruchal Pradesh

Range: India, China, Myanmar

***Theloderma phrynodes*** (Ahl, 1927)

(*Rhacophorus phrynodes* Ahl, 1927)

Type: MSNG 29414, BMNH (2 ex) from Thao, N. Myanmar

Range: Myanmar

***Theloderma stellatum*** Taylor, 1962

Type: FMNH 172249 (EHT 35441) from Khao Sebab, Thailand

Range: Thailand, Vietnam

## GYMNOPHIONA

### ICHTHYOPHIDAE

#### Genus *Caudacaecilia* Taylor, 1968

A genus with five species

Type Species: *Ichthyophis nigroflavus* Taylor, 1960 from Kuala Lumpur, Peninsular Malaysia

Generic range: Peninsular Malaysia, Sumatra, Borneo, Philippines

#### *Caudacaecilia asplenia* (Taylor, 1965)

(*Ichthyophis asplenius* Taylor, 1965)

Type: RMNH 6912B from Upper Mahakam River

Range: Peninsular Malaysia, Borneo

#### *Caudacaecilia larutensis* (Taylor, 1960)

(*Ichthyophis larutensis* Taylor, 1960)

Type: BMNH 98.9.22.208 from Larut Hill, Perak. Peninsular Malaysia

Range: Peninsular Malaysia

#### *Caudacaecilia nigroflava* (Taylor, 1960)

(*Ichthyophis nigroflavus* Taylor, 1960)

Type: USNM 129462 from Kuala Lumpur, Selangor, Peninsular Malaysia

Range: Peninsular Malaysia

#### *Caudacaecilia paucidentula* (Taylor, 1965)

(*Ichthyophis paucidentulus* Taylor, 1965)

Type: USNM 70671 from Kepahiang, Bengkulu

Range: Sumatra

#### *Caudacaecilia weberi* (Taylor, 1920)

(*Ichthyophis weberi* Taylor, 1920)

Type: CAS-SU 21758 from Iwahig Malatgan River, Palawan

Range: Palawan

#### Genus *Ichthyophis* Fitzinger, 1826

A genus with about 36 species

Type Species: *Ichthyophis hasselti* Fitzinger, 1826 = *Coecilia hypocyanea* Boie, 1827)

Generic range: India, S. China, SE Asia, Sundaland, Philippines

#### *Ichthyophis acuminatus* Taylor, 1965

Type: AMNH 20875 from Me Wang Valley, Thailand

Range: Thailand

***Ichthyophis atricollaris*** Taylor, 1965

Type: RMNH 10684 from Long Boe, Mahakam

Range: Borneo

***Ichthyophis bernisi*** Salvador, 1975

Type: MNCN 1240 from Java

Range: Java

***Ichthyophis biangularis*** Taylor, 1965

Type: BMNH 72.2.19.59a from Matang, Sarawak

Range: N. Borneo

***Ichthyophis billitonensis*** Taylor, 1965

Type: ZMA 5209 from Belitung Island

Range: Belitung

***Ichthyophis dulitensis*** Taylor, 1965

Type: BMNH 92.6.3.23 from Mt. Dulit, Sarawak

Range: N. Borneo

***Ichthyophis elongatus*** Taylor, 1965

Type: NHMW 9094 from Padang, Sumatra

Range: W. Sumatra

***Ichthyophis glandulosus*** Taylor, 1922

Type: CAS 60073 from Abung-abung Basilan

Range: Basilan, Mindanao

***Ichthyophis humphreyi*** Taylor, 1973.

Holotype: FMNH (EHT-HMS 8378) presumed to be from southern Asia or a neighboring island of Indonesia

Range: Indonesia

***Ichthyophis hypocyaneus*** (Boie, 1827)*(Caecilia hypocyanea* Boie, 1827; *Ichthyophis Hasselti* Fitzinger, 1826, n.n.; *Epicrium hasselti* Wagler, 1828)

Type: RMNH 2408 from Banten

Range: Java

***Ichthyophis javanicus*** Taylor, 1960

Type: BMNH 80.5.7.3 from Java

Range: Java

***Ichthyophis kohtaoensis*** Taylor, 1960

Type: USNM 72293 from Koh Tao Island, Thailand

Range: Thailand

***Ichthyophis laosensis*** Taylor, 1969

Type: MNHN 1928-95 from Upper Laos

Range: Laos

***Ichthyophis mindanaoensis*** Taylor, 1960

Type: FMNH 50958 from Todaya, Mt. Apo, Mindanao

Range: Mindanao

***Ichthyophis monochrous*** (Bleeker, 1858)*(Epicrium monochroum* Bleeker, 1858)

Type: BMNH 63.12.4.5 from Singkawang, Borneo

Range: W Borneo

***Ichthyophis paucisculus*** Taylor, 1965

Type: USNM 103565 from Pematang Siantar, Sumatra

Range: N. Sumatra

(Note: The record from Mentawai probably belongs to *I. sumatranus* or *I. elongatus*)***Ichthyophis singaporensis*** Taylor, 1960

Type: BMNH 1959.1.2.43 from Singapore

Range: Singapore

***Ichthyophis sumatranus*** Taylor, 1960

Type: USNM 70672 from Kepahiang, Bengkulu

Range: Sumatra

***Ichthyophis supachaii*** Taylor, 1960

Type: FMNH 189246 from Nakon Sithamarrat, Thailand

Range: Thailand

***Ichthyophis youngorum*** Taylor, 1960.

Type: FMNH 189250 (EHT-HMS 35946). from "Doi Sutep, Chiang Mai, Thailand

Range: Chiang Mai, Thailand.

**CAUDATA****Salamandridae****Genus: *Paramesotriton*** Chang, 1935

A genus with five species

Type Species: *Mesotriton deloustali* Bourret, 1934

Range: China, Vietnam

***Paramesotriton deloustali*** (Bourret, 1934)

(*Mesotriton deloustali* Bourret, 1934)

Type: MNHN 226, 228, 257, 287 & 35-119 from Tam Dao, Vietnam

Range: N. Vietnam

**Genus: *Tylototriton*** Anderson, 1871

(*Echinotriton* Nussbaum & Brodie, 1982)

A genus with seven species

Type Species: *Tylototriton verrucosus* Anderson, 1871 from Yunan, China

Generic Range: Japan, China, E India, SE Asia, Thailand

***Tylototriton asperrimus*** Unterstein, 1930

Type: ZMB 34089 from Loshiang, Yaoshan, Kwangsi, China

Range: S. China, Vietnam

***Tylototriton verrucosus*** Anderson, 1871

Type: ZSI 10366, 10368, 10370-72; 10374-75; 10377-78; 10380-81 (11 ex) + BMNH 1874.6.1.34 from Nanting, Mimien & Hotha valleys, Yunnan, China.

Range: S. China, Nepal, Sikkim, Bhutan, India, Myanmar, Thailand, Vietnam

(Note: The designation of a neotype KIZ 74 II 0061 VI.6. from "Gongwa, 1600 m elevation, Longchuan County, Yunnan is not valid.)

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