

OCCASIONAL PAPER No. 291

**RECORDS OF THE
ZOOLOGICAL SURVEY OF INDIA**

**Bibliographical notes on the
Amphibians of North East India**

**NIBEDITA SEN
ROSAMMA MATHEW**

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Zoological Survey of India, Eastern Regional Station, Shillong-793003

Edited by the Director, Zoological Survey of India, Kolkata



सत्यमेव जयते

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INTRODUCTION

Systematics is a fast changing subject. Taxonomic changes at the generic and specific level are taking place at a rapid pace and the taxonomic designations get outdated and invalid. Though the amphibian taxonomy of peninsular India is better acknowledged, that of North East India is little known. The present work is an effort towards filling the vacuum in this regard.

Dutta (1997) initiated bibliographical studies of the amphibians of India in his elaborate work "Amphibians of India and Sri Lanka (Checklist and Bibliography)" which was followed by a checklist of amphibians of India by Das and Dutta in 1998 and further updated by Daniels (2001).

India's North East is one of the hot spots of bio-diversity and its amphibian fauna though worked out to a moderate extent is yet to be thoroughly explored. Chanda in his monograph (1994) reported 54 species of anurans from this region. Dutta in his aforesaid checklist and bibliography (1997) reported 69 species including one species each of caudata and gymnophiona. Biodiversity Conservation Prioritisation Project (BCPP) India under Conservation Assessment and Management Plan (C.A.M.P) Workshops held at Bhubaneswar (1998) reported 72 species of amphibia including 2 gymnophiona and 1 caudata as occurring in N.E.India. Again, Chanda (2002) in his handbook, reported 64 species including 3 gymnophiona and 1 caudata for this region. Sen (2004) reported 83 species including 4 gymnophiona and 1 caudata. There are other stray records of amphibians from North East India (Ahmed, 2002; Ahmed and Dutta 2000, 2001; Ahmed and Goswami, 1999; Ahmed and Roy, 2001; Ao *et. al.*, 2003; Annandale, 1912; Bhaduri and Saha, 1980; Borah and Bordoloi, 2001 a b; Bordoloi and Borah, 1999; Bordoloi *et. al.*, 2000, 2001, 2003, 2007; Borthakur *et.al.*, 2007; Boulenger, 1919, 1920; Chanda, 1990 a,b,c, 1991, 1992, 1993, 1995, 2002, 2006, 2007; Chanda and Ghosh, 1989; Chanda and Sarkar, 1997; Chanda and Talukdar, 1973; Choudhury *et. al.*, 1999, 2001 a, b, c; Das, 1984, 1988; Das and Chanda, 2000; Das *et. al.*, 2004; Deuti and Dutta, 2002; Deuti *et. al.*, 2000; Dey and Gupta, 1999, 2000; Dey and Ramanujam, 2003; Dutta *et. al.*, 2000; Ghosh and Sarkar, 2000; Grosslet *et.al.*, 2004; Hooroo *et. al.*, 2002; Hora, 1923; Inger and Dutta, 1986, 1987; Khare and Kiyasetuo, 1986, Kiyasetuo, 1986; Kiyasetuo and Khare, 1986, 1987; Mansukhani and Sarkar, 1981; Mansukhani *et. al.*, 1976; Mathew and Sen, 2003a, b; 2005a, b, 2006a, b, 2007; Mathew *et. al.*, 2005; Ningombam and Bordoloi, 2007; Pathak *et. al.*, 2001; Pillai and Chanda, 1973, 1976, 1977, 1979, 1981; Pillai and Yazdani, 1973; Romer, 1949; Roonwal and Kripalani, 1961; Roy *et. al.*, 1998; Saha and Gupta, 2007; Sahu, 1985; Saikia *et. al.*, 2000; Sarkar and Ray, 2006; Sarkar and Sanyal, 1985; Sarkar *et. al.*, 2002; Selim, 2001; Sen,

2004; Sen and Mathew, 2003, 2004, 2006; Sengupta *et. al.*, 2001; Singh, 1977, 1995; Smith, 1929, 1935; Talukdar *et. al.*, 2007; Yazdani and Chanda, 1971) besides a monograph on gymnophiona by Pillai and Ravichandran (1999).

Frost (2008, V 5.1) reports 6184 species of amphibians from the World, 268 species from India.

The present work deals with 109 species of anurans, 1 species of caudata and 5 species of gymnophiona. Our effort here is to give an updated bibliographical account of the amphibians of North East India. As far as practicable we have incorporated all the synonyms of the taxa alongwith their distribution within North East India and elsewhere. A species index is given for ready reference.

SYSTEMATIC ACCOUNT

Class AMPHIBIA
Order CAUDATA
Family SALAMANDRIDAE
Genus *Tylototriton* Anderson, 1871

1871. *Tylototriton* Anderson, *Proc. Zool. Soc. London*, 1871 : 423.

Type species : *Tylototriton verrucosus* Anderson, 1871.

1. *Tylototriton verrucosus* Anderson, 1871

1871. *Tylototriton verrucosus* Anderson, *Proc. Zool. Soc. London*, 1871 : 423.

1878. *Triturus* (*Tylototriton*) *verrucosus* Boulenger, *Bull. Soc. Zool. France*, 3 : 308.

1885. *Tylotriton verrucosus* Boettger, *Offenbach Ver. Nat.*, 24-25.

1889. *Glossolega verrucosa* Cope, *Bull. U.S. Natl. Mus.*, 34 : 201.

1935. *Tylototriton verrucosus* Wolterstorff and Herre, *Arch. Naturgesch.*, 4 : 224.

1987. *Pleurodeles* (*Tylototriton*) *verrucosus* Dubois, *Alytes*, 5 : 11.

Distribution in N. E. India : Arunachal Pradesh, Manipur, Meghalaya.

Elsewhere : INDIA (Sikkim, West Bengal); China; Nepal; Myanmar; Thailand; Vietnam.

Comment : Dutta 1997, placed it under *Pleurodeles verrucosus*. Chanda (2002) placed it under *Tylototriton verrucosus*.

Order GYMNOPIHIONA
Family CAECILIIDAE
Genus *Gegeneophis* Peters, 1879

1879. *Gegeneophis* Peters, *Monatsber. Preuss. Akad. Wiss. Berlin*, : 932. (Replacement name for *Gegenes* Gunther, 1875).

Type species : *Epicrium carnosum* Beddome, 1870.

2. *Gegeneophis fulleri* (Alcock, 1904)

1904. *Herpele fulleri* Alcock, *Ann. Mag. Nat. Hist.*, (7)14 : 271.

1968. *Gegeneophis fulleri* Taylor, *Caecilians of the World* : 735.

Distribution in N. E. India : Assam.

Comment : Known only from the type.

Family ICHTHYOPHIIDAE
Genus *Ichthyophis* Fitzinger, 1826

1826. *Ichthyophis* Fitzinger, *Neue Classif. Rept.*, : 36, 63.

Type species : *Caecilia glutinosus* Linnaeus, 1759.

3. *Ichthyophis garoensis* Pillai and Ravichandran, 1999

1999. *Ichthyophis garoensis* Pillai and Ravichandran, *Rec. zool. Surv. India, Occ. Paper*, 172 : 28.

Distribution in N. E. India : Assam, Meghalaya.

Comment : Choudhury *et. al.* (2001) commented on it's range in Assam.

4. *Ichthyophis glutinosus* (Linnaeus, 1758)

1758. *Caecilia glutinosa* Linnaeus, *Syst. Nat.*, Ed. 10, 1 : 229.

1801. *Coecilia viscosa* Latreille, *In Sonnini and Latreille, Hist. Nat. Rept.*, 4 : 238 (Replacement name for *Caecilia glutinosa*)

1826. *Ichthyophis gutinosus* Fitzinger, *Neue Classif. Batr.*, : 36.

1828. *Epicrium gltinosum* Wagler, *Isis von Oken*, 21 : 740-744.

1965. *Ichthyophis forcarti* Taylor, *Univ. Kansas Sci. Bull.*, 46 : 283.

Distribution in N. E. India Assam.

Elsewhere Sri Lanka.

Comment : Though known earlier to be a Sri Lankan species (Dutta, 1997), Pillai and Ravichandran (1999) extended it's range to Assam. Chanda (2002) did not include this in the Indian amphibians.

5. *Ichthyophis husaini* Pillai and Ravichandran, 1999

1999. *Ichthyophis husaini* Pillai and Ravichandran, *Rec. zool. Surv. India, Occ. Paper No.* 172 : 37.

Distribution in N. E. India : Meghalaya.

Comment : Known only from original description.

6. *Ichthyophis sikkimensis* Taylor, 1960

1960. *Ichthyophis sikkimensis* Taylor, *Univ. Kansas Sci. Bull.*, 40 : 91-94.

Distribution in N. E. India : Adjacent to Sikkim in North East India.

Elsewhere : INDIA (Kerala, West Bengal); Nepal.

Comment : Reported earlier from Sikkim and West Bengal. Pillai and Ravichandran (1999) reported it from Anamalai in Kerala.

Class AMPHIBIA
Order ANURA
Family BUFONIDAE

Genus *Bufoides* Pillai and Yazdani, 1973

1973. *Bufoides*, Pillai and Yazdani, *J. Zool. Soc. India*, 25 : 65.

Type species : *Ansonia meghalayana* Yazdani and Chanda, 1971.

7. *Bufoides meghalayanus* (Yazdani and Chanda, 1971)

1971. *Ansonia meghalayana* Yazdani and Chanda, *J. Assam Sci. Soc.*, 14 : 76.

1973. *Bufoides meghalayanus* Pillai and Yazdani, *J. Zool. Soc. India*, 25 : 65.

Distribution in N. E. India : Assam, Meghalaya, Mizoram.

Comment : Originally described by Yazdani and Chanda (1971) under *Ansonia* due to the absence of parotid gland and as allied to *Ansonia ornata*. Pillai and Yazdani (1973) erected a new genus *Bufoides* on the basis of the hidden tympanum.

Genus *Bufo* Laurenti, 1768

1768. *Bufo* Laurenti, *Synops. Rept.*, : 25.

Type species : *Bufo viridis* Laurenti, 1768.

8. *Bufo cyphosus* Ye, 1977

1977. *Bufo cyphosus* Ye, In Fei, Ye, Wu and Hu, *Acta Zool. Sinica*, 23.

2008. *Duttaphrynus cyphosus* Frost, online reference.

Distribution in N. E. India : Xizang near the Assam (India) border.

Elsewhere : China.

Comment : Though considered as a synonym of *Bufo himalayanus* (Yang, 1991) and under *Bufo melanostictus* group by Dubois and Ohler (1999). Frost considered it a valid species.

9. *Bufo himalayanus* Gunther, 1864

1864. *Bufo melanostictus* var. *himalayanus* Gunther, *Rept. Brit. India* : 422.

1872. *Bufo sikkimensis* Stoliczka, *Proc. Asiat. Soc. Bengal*, : 112.

1882. *Bufo himalayanus* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 305.

1925. *Bufo abatus* Ahl, *Zool. Anz* 63 : 110.

2008. *Duttaphrynus himalayanus* Frost, online reference.

Distribution in N. E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya.

Elsewhere : INDIA (Sikkim, West Bengal); Bangladesh, China, Nepal, Pakistan.

Comment : *Bufo melanostictus* group. Annandale (1912) considered it an alpine race of *Bufo melanostictus*.

10. *Bufo macrotis* Boulenger, 1887

1887. *Bufo macrotis* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)5 : 422.

2008. *Ingerophrynus macrotis* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : Myanmar through western and southern Thailand to the central highlands of Vietnam, to Northern Malaya.

Comment : Borah and Bordoloi (2001 a) reported it from Arunachal Pradesh.

11 *Bufo melanostictus* Schneider, 1799

1799. *Bufo melanostictus* Schneider, *Hist. Amph.*, 1 : 216.
1802. *Bufo chlorogaster* Daudin, *Hist. Nat. Rain. Gren. Crap.*, : 49.
1802. *Bufo scaber* Daudin, *Hist. Nat. Rain. Gren. Crap.*, : 94.
1802. *Bufo bengalensis* Daudin, *Hist. Nat. Rain. Gren. Crap.*, : 96.
1802. *Rana dubia* Shaw, *Gen. Zool.*, 3 : 157.
1802. *Rana melanostictus* Shaw, *Gen. Zool.*, 3 : 174.
1802. *Bufo flaviventris* Daudin, *Hist. Nat. Rain. Gren. Crap.* : 74, pl. 74, alternative name for *Bufo chlorogaster* Daudin, 1802.
1833. *Bufo carinatus* Gray, *Illustr. Indian Zool.*, 1 : pl. 83.
1833. *Bufo dubia* Gray, *Illustr. Indian Zool.*, 1 : viii, 83.
1834. *Bufo isos* Lesson, *Voy. India Orient.*, : 333.
1858. *Bufo gymnauchen* Bleeker, *Natuurkd. Tijdsch. Nederl. Indie*, (4)16 : 46.
1861. *Phrynoide s isos* Fitzinger, *Sitzungsber. Akad. Wiss. Wien*, 42 : 415.
1861. *Docidophrye spinipes* Fitzinger, *Sitzungsber. Akad. Wiss. WieMath. Naturwiss. Kl.*, 42 : 415.
1862. *Phrynoides melanostictus* Cope, *Proc. Acad. Nat. Sci. Philadelphia*, 14 : 358.
1867. *Bufo spinipes* Steindachner, *Reise Freg. Novara, Amph.*, : 42.
1903. *Bufo longecristatus* Werner, *Zool. Anz.*, 26 : 252.
1937. *Bufo tienhoensis* Bourret, *Annexe Bull. Gen Instr. Publique, Hanoi* (4) : 6, 11.
1942. *Docidophryne melanostictus* Bourret, *Batr. Indochine* : 173.
1980. *Bufo camortensis* Mansukhani and Sarkar, *Bull. zool. Surv. India*, 3 : 97.
1990. *Ansonia kamblei* Ravichandran and Pillai, *Rec. zool. Surv. India*, 86 : 506.
2001. *Bufo melanostictus hazarensis* Khan, *Pakistan J. Zool.*, 33 : 297.
2008. *Duttaphrynus melanostictus* Frost, online reference.

Distribution in N. E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : Throughout India; Bali; Borneo; China; Hongkong; Indonesia; Java; Malaysia; Myanmar; Nepal; Pakistan; Philippines; Sumatra; Thailand; Srilanka.

Comment : Widely distributed species. Dubois and Ohler (1999) suggested that nominal *Bufo melanostictus* was a species complex.

12. *Bufo scaber* Schneider, 1799

1799. *Bufo scaber* Schneider, *Hist. Amph.*, 1 : 222-224.

1802. *Bufo scaber* Daudin, *Hist. Nat. Rain. Gren. Crap.*, : 94.

1833. *Bufo scaber* Wiegmann, *Isis von Oken* (7) : 655-656.

1892. *Bufo fergusonii* Boulenger, *J. Bombay nat. Hist. Soc.*, 7 : 317.

Distribution in N. E. India : Manipur.

Elsewhere : INDIA (Eastern Peninsular India north to Orissa); Srilanka.

13. *Bufo stomaticus* Lutken, 1862

1862. *Bufo stomaticus* Lutken, *Vidensk. Medd. Dansk Naturhist. Foren.*, 305.

1883. *Bufo andersonii* Boulenger, *Ann. Mag. Nat. Hist.*, (5)12 : 163.

1884. *Bufo andersonii* Murray, *Zool. Sind* : 401.

1920. *Bufo stomaticus peninsularis* Rao, *J. Bombay nat. Hist. Soc.*, 27 : 126.

1920. *Bufo stomaticus stomaticus* Rao, *J. Bombay nat. Hist. Soc.*, 27 : 126.

Distribution in N.E. India : Assam.

Elsewhere : INDIA (Rajasthan, Andhra Pradesh, Bihar, Uttar Pradesh, Mahanadi, West Bengal, Western Ghats, Kerala, Tamil Nadu, South Western India, Orissa.); Myanmar; Nepal; Eastern Iran; Afghanistan; Pakistan; Srilanka.

Comment : Manamendra-Arachchi and Pethiyagoda (1998) rejected the Sri Lankan records as being based on an introduced individual.

14. *Bufo stuarti* Smith, 1929

1929. *Bufo stuarti* Smith, *Rec. Indian Mus.*, 31 : 77.

1999. *Bufo stuarti* Dubois and Ohler, *J. S. Asian Nat. Hist.*, 4 : 159.

Distribution in N.E. India : Meghalaya.

Elsewhere : Myanmar.

Comment : Considered as *melanostictus* group by Inger (1972); Dubois and Ohler (1999) agrees with Smith (1929) in it's closeness to *stomaticus*.

Genus *Pedostibes* Gunther, 1876

1876. *Pedostibes* Gunther, *Proc. Zool. Soc. London* : 576.

Type species : *Pedostibes tuberculosus* Gunther, 1876.

15. *Pedostibes kempi* (Boulenger, 1919)

1919. *Nectophryne kempi* Boulenger, *Rec. Indian Mus.*, **16** : 207.

1938. *Pedostibes kempi* Barbour, *Proc. Biol. Soc. Washington*, **51** : 192.

Distribution in N.E. India : Meghalaya.

Comment : This species is known only from type description. No further collection could be made till date (Chanda, 1994, Dutta, 1997).

Family MEGOPHRYIDAE Genus *Leptobrachium* Tschudi, 1838

1838. *Leptobrachium* Tschudi, *Classif. Batr.*, : 81.

Type species : *Leptobrachium hasseltii* Tschudi, 1838.

16. *Leptobrachium hasseltii* Tschudi, 1838

1838. *Leptobrachium hasseltii* Tschudi, *Classif. Batr.*, : 81.

1980. *Leptobrachium (Leptobrachium) hasseltii* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **49** : 469-482).

1973. *Vibrissaphora hasseltii* Liu, Hu, Fei and Huang, *Acta Zool. Sinica*, **19** : 394-395.

1937. *Megophrys hasseltii hasseltii* Bourret, *Annexe Bull. Instruct. Publ.*, (4) : 18.

1929. *Megophrys hasseltii* Gee and Boring, *Peking Nat. Hist. Bull.*, **4** : 20.

1908. *Megalophrys hasseltii* Boulenger, *Proc. Zool. Soc. London*, 425.

1838. *Rana hasseltii* Tschudi, *Classif. Batr.* : 81.

Distribution in N.E. India : Assam, Meghalaya.

Elsewhere : China; Indonesia; Malaysia; Myanmar; Philippines; Thailand.

Comment : Sengupta *et. al.* (2001) reported for the first time the presence of *L. smithi* in India stating that *L. hasseltii*, according to Matsui, 1999, is restricted in distribution to Sundas, Thailand. However, two specimens collected from Garbhanga Reserve Forest, Assam and identified as *L. smithi* by Sengupta and deposited in the holdings of Eastern Regional Station, Zoological Survey of India, Shillong, agree with the description of *L. hasseltii* (Boulenger, 1882; Chanda, 1994). Therefore, we are of the opinion that the species *L. hasseltii* occurs in North East India. Examination of further material will ascertain the presence of *L. smithi* in India.

Genus *Scutiger* Theobald, 1868

1868. *Scutiger* Theobald, *J. Asiat. Soc. Bengal*, 37(suppl.) : 83.

Type species : *Bombinator sikimmensis* Blyth, 1854.

17. *Scutiger sikimmensis* (Blyth, 1855)

1855. *Bombinator sikimmensis* Blyth, *J. Asiat. Soc. Bengal*, 23 : 300.

1868. *Scutiger sikkimmensis* Theobald, *J. Asiat. Soc. Bengal*, 37 (Suppl.) : 83.

1871. *Bufo sikkimmensis* Anderson, *Proc. Zool. Soc. London*, 1871 : 204.

1887. *Cophophryne sikkimensis* Boulenger, *Ann. Mag. Nat. Hist.*, (5)20 : 406.

1980. *Scutiger (Scutiger) sikimmensis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 49 : 478.

Distribution in N. E. India : Meghalaya, Nagaland.

Elsewhere : INDIA (West Bengal, Sikkim); Bhutan; China; Myanmar; Nepal; Tibet.

Comment : Sen (2004) reported this from Nagaland.

Genus *Xenophrys* Gunther, 1864

1864. *Xenophrys* Gunther, *Rept. Brit. India* : 414.

Type species : *Xenophrys monticola* Gunther, 1864.

18. *Xenophrys boettgeri* (Boulenger, 1899)

1899. *Leptobrachium boettgeri* Boulenger, *Proc. Zool. Soc. London* : 171.

2001. *Xenophrys boettgeri* Frost, *Amphib. Spec. World* (vers. 2.2)

1998. *Megophrys (Xenophrys) boettgeri* Dubois and Ohler, *Dumerilia*, 4 : 14.

1997. *Panophrys boettgeri* Rao and Yang, *Asiat. Herpetol. Res.*, 7 : 98-99.

1980. *Megophrys (Megophrys) boettgeri*, Dubois, *Bull. Mens. Soc. Linn. Lyon*, 49(8) : 469-482 [472].

1929. *Megophrys boettgeri* Gee and Boring, *Peking Nat. Hist. Bull.*, 4 : 20.

1908. *Megalophrys boettgeri* Boulenger, *Proc. Zool. Soc. London* : 420.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : INDIA (Sikkim); China.

Comment : Chanda (1994) after comparing Kemp's collection (Regd. no. ZSI, 16941 Upper Rotung, Arunachal Pradesh, 1912), which was identified as *kempii* by Annandale, found insignificant variations to that of Boulenger's *boettgeri* and synonymised it with *M. boettgeri* (Boulenger, 1899).

19. *Xenophrys glandulosa* (Fei, Ye and Huang, 1991)

1991. *Megophrys glandulosa* Fei, Ye and Huang, *Key Chinese Amph.*, : 99, 273.
 1998. *Megophrys (Xenophrys) glandulosa* Dubois and Ohler, *Dumerilia*, 4 : 14.
 2001. *Xenophrys glandulosa* Frost, *Amphib. Spec. World* (vers. 2.2).

Distribution in N. E. India : Nagaland.

Elsewhere : China.

Comment : Ao *et. al.* (2003) reported this species from Nagaland.

20. *Xenophrys kempii* (Annandale, 1912)

1912. *Megalophrys kempii* Annandale, *Rec. Indian Mus.*, 8 : 20.
 1997. *Megophrys (Xenophrys) kempii* Yang, *Asiat. Herpetol. Res.*, 7 : 98-99.
 1997. *Panophrys kempii* Rao and Yang, *Asiat. Herpetol. Res.*, 7 : 98-99.
 1999. *Megophrys kempii* Fei, *Atlas Amph. China* : 116.
 2001. *Xenophrys kempii* Frost, *Amphib. Spec. World* (vers. 2.2).

Distribution in N.E. India : Arunachal Pradesh, Assam.

Elsewhere : China; Myanmar.

Comment : Chanda (1994) considered it a synonym of *boettgeri*. Dutta (1997) opined that Chanda's description of *boettgeri* is based on *kempii*. Future collections from north east may confirm the identity of both these species. Until then we consider both the species to be valid for North East India.

21. *Xenophrys major* (Boulenger, 1908)

1908. *Megalophry major* Boulenger, *Proc. Zool. Soc. London* : 416 (Replacement name for *Xenophrys gigas* Jerdon, 1870).
 1870. *Xenophrys gigas* Jerdon, *Proc. Asiat. Soc. Bengal* : 85.
 1929. *Megophrys major* Gee and Boring, *Peking Nat. Hist. Bull.*, 4 : 20.
 1962. *Megalophrys robusta* Taylor, *Univ. Kansas Sci. Bull.*, 63 : 302.
 1974. *Ixalus lateralis* Gorham, *World List Amph.*, : 43.
 1980. *Megophrys lateralis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 49(8) : 469-482.
 1999. *Megophrys lateralis* Fei, *Atlas Amph. China* : 108-109.

Distribution in N.E. India : Arunachal Pradesh, Assam, Mizoram, Nagaland.

Elsewhere : Bangladesh; China; Hongkong; Myanmar; Vietnam.

22. *Xenophrys parva* (Boulenger, 1893)

1893. *Leptobrachium parvum* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)13 : 304-347 (344).
1822. *Megophrys monticola* Kuhl and Van Hasselt, *In V. Hasselt, Algemeene Konsten Letter-Bode*, Vol. I, Haarlem
1864. *Xenophrys monticola* Gunther, *Rept. Brit. India* : 14.
1889. *Leptobrachium monticola* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)7 : 748-750.
1908. *Megalophrys parva* Boulenger, *Proc. Zool. Soc. London* : 419.
1942. *Megophrys parva* Bourret, *Batr. Indochine* : XXX.
1980. *Megophrys (Megophrys) parva* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 49(8) : 469-482 (472).
1997. *Panophrys parva* Rao and Yang, *Asiat. Herpetol. Res.*, 7 : 98-99.
1998.. *Megophrys (Xenophrys) parva* Dubois and Ohler, *Dumerilia*, 4 : 14.
2001. *Xenophrys parva* Frost, *Amphib. Spec. World* (vers.2.2).

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Nagaland.

Elsewhere : India (West Bengal, Sikkim); Bangladesh; China; Myanmar; Nnepal; Thailand; Vietnam.

23. *Xenophrys robusta* (Boulenger, 1908)

1908. *Megalophrys robusta* Boulenger, *Proc. Zool. Soc. London* : 418.
2001. *Xenophrys robusta* Frost, *Amphib. Spec. World* (vers. 2.2).
1998. *Megophrys (Xenophrys) robusta* Dubois and Ohler, *Dumerilia*, 4 : 14.
1997. *Panophrys robusta* Rao and Yang, *Asiat. Herpetol. Res.*, 7 : 98-99.
1980. *Megophrys (Megophrys) robusta* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 49(8) : 469-482 [472].

Distribution in N. E. India : Arunachal Pradesh, Assam, Meghalaya, Nagaland.

Elsewhere : Bangladesh; China; Hongkong; Myanmar; Vietnam.

24. *Xenophrys serchhipii* Mathew and Sen, 2007

2007. *Xenophrys serchhipii* Mathew and Sen, *Cobra*, 1 (Issue 2) : 18-28.

Distribution in N. E. India : Mizoram.

Elsewhere : Not known.

25. *Xenophrys wuliangshanensis* Ye and Fei, 1995

1995. *Megophrys wuliangshanensis* Ye and Fei, *Acta Herpetol. Sinica, Zunyi*, **4-5** : 73-74.

1998. *Megophrys (Xenophrys) wuliangshanensis* Dubois and Ohler, *Dumeriia*, **4** : 14.

2001. *Xenophrys wuliangshanensis* Frost, *Amphib. Spec. World (vers. 2.2)*.

Distribution in N. E. India : Meghalaya, Mizoram, Nagaland.

Elsewhere : China.

Comment : Ao *et. al.* (2003) reported it from Nagaland.

26. *Xenophrys zunhebotensis* Mathew and Sen, 2007

2007. *Xenophrys zunhebotensis* Mathew and Sen, *Cobra*, **1** (Issue 2) : 18-28.

Distribution in N. E. India : Nagaland.

Elsewhere : Not known.

Family HYLIDAE
Genus *Hyla* Laurenti, 1768

1768. *Hyla*, Laurenti, *Synops. Rept.* : 32.

Type species : *Hyla viridis* Laurenti, 1768 (= *Rana arborea* Linnaeus, 1758)

27. *Hyla annectans* (Jerdon, 1870)

1870. *Polypedates annectans* Jerdon, *Proc. Asiat. Soc. Bengal* : 84.

1876. *Hyla annectans* Gunther, *Proc. Zool. Soc. London* : 576.

1985. *Hyla annectans gongshanensis* Li and Yang, *Zool. Res., Kunming*, **6(1)** : 23-27.

1997. *Hyla annectans wulingensis* Shen, *Zool. Res.*, **18** : 177, 182.

Distribution in N. E. India : Assam, Meghalaya, Nagaland, Tripura.

Elsewhere : China; Malaysia; Myanmar; Thailand; Vietnam.

Comment : *Hyla* has 335 valid species globally (Frost, 2008). India has just one species with restricted distribution in North East India.

Family MICROHYLIDAE
Genus *Kalophrynus* Tschudi, 1838

1838. *Kalophrynus* Tschudi, *Classif. Batr.*, : 48, 86.

Type species : *Kalophrynus pleurostigma* Tschudi, 1838.

28. *Kalophrynus interlineatus* Blyth, 1855

1855. *Engystoma* (?) *interlineatum* Blyth, "1854" *J. Asiat. Soc. Bengal*, **23** : 732.
1871. *Diplopelma interlineatum* Anderson, *Proc. Zool. Soc. London* : 202.
1872. *Berdmorea interlineata* Stoliczka, *Proc. Asiat. Soc. Bengal* : 146.
1882. *Calophrynus interlineata* Theobald, in Mason (ed.), *Burma, Ed. 2* : 291.
1934. *Kalophrynus pleurostigma interlineatus* Parker *Monogr. Frogs Fam. Microhylidae* : 97.
1996. *Kalophrynus interlineatus* Matsui, Chan-ard and Nabhitabhata, *Copeia* : 440-445.
2000. *Kalophrynus orangensis* Dutta, Ahmed and Das, *Hamadryad*, **25** : 68.

Distribution in N.E. India : Assam.

Elsewhere : Cambodia; China; Laos; Myanmar; Thailand; Vietnam.

Genus *Micryletta* Dubois, 1987

1987. *Micryletta* Dubois, *Alytes* **6** : 4.

Type species : *Microhyla inornata* Boulenger, 1890, by original designation

29. *Micryletta inornata* (Boulenger, 1890)

1890. *Microhyla inornata* Boulenger, *Proc. Zool. Soc. London*, 37.
1910. *Microhyla stejnegeri* Stejneger : 92-95.
1926. *Microhyla stejnegeri* Nieden, : 935.
1962. *Microhyla inornata inornata* Taylor, *Univ. Kansas Sci. Bull.*, **43** : 543.
1962. *Microhyla inornata lineata* Taylor, *Univ. Kansas Sci. Bull.*, **43** : 546.
1987. *Micryletta inornata* Dubois, *Alytes* **6** : 4.

Distribution in N.E. India : Manipur.

Elsewhere : INDIA (Andaman Islands); China; Indonesia; Malay Peninsula; Myanmar; Thailand.

Genus *Uperodon* Dumeril and Bibron, 1841

1841. *Uperodon* Dumeril and Bibron, *Erp. Gen.*, **8** : 48, 746.

Type species : *Engystoma marmoratum* Guerin-Meneville, 1838 (= *Rana systema* Schneider, 1799).

30. *Uperodon globulosus* (Gunther, 1864)

1864. *Cacopus globulosus* Gunther, *Rept. Brit. India* : 416.

1867. *Systema globulosum* Cope, *J. Acad. Nat. Sci. Philadelphia*, (2)6 : 194.

1931. *Uperodon globulosum* Parker, *Arch. Zool. Ital.*, 16 : 1243.

Distribution in N.E. India : Arunachal Pradesh, Assam.

Elsewhere : INDIA (Bihar, Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, West Bengal); Nepal.

Comment : Reported from Arunachal Pradesh and Assam in North East India.

Genus *Kaloula* Gray, 1831

1831. *Kaloula* Gray, *Zool. Misc.*, Pt. 1 : 38.

Type species : *Kaloula pulchra* Gray, 1831.

31. *Kaloula assamensis* Das, Sengupta, Ahmed and Dutta, 2004

2004. *Kaloula assamensis* Das, Sengupta, Ahmed and Dutta, *Hamadryad* 29(1) : 101-109.

Distribution : Assam.

Elsewhere : Not known.

32. *Kaloula pulchra* Gray, 1831

1831. *Kaloula pulchra* Gray, *Zool. Misc.*, Pt. 1 : 38.

1847. *Hylaedactylus bivittatus* Cantor, *J. Asiatic Soc. Bengal*, 16 : 1064.

1864. *Callula pulchra* Gunther, *Rept. Brit. India* : 437.

1870. *Caloula pulchra* Stoliczka, *J. Asiat. Soc. Bengal*, 39 : 155.

1878. *Calohyla pulchra* Peters and Doria, *Ann. Mus. Civ. Stor. Nat. Genova*, 13 : 429.

1887. *Callula macrodactyla* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)5 : 485.

1927. *Callula (Kallula) pulchra* Bourret, *Fauna Indochine*, Vert. : 263.

1938. *Kaloula pulchra hainana* Gressitt, *Proc. Biol. Soc. Washington*, 51 : 127.

1942. *Kaloula pulchra macrocephala* Bourret, *Batr. Indochine* : 490.

Distribution in N.E. India : Assam, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : INDIA (Bihar, Karnataka, Madhya Pradesh, Orissa, Tamil Nadu, West Bengal); Borneo, China, Myanmar, Singapore, Srilanka, Sulawesi, Sumatra, Thailand.

Comment : Dutta (1997) treated *Kaloula* of India under *K. taprobanica* and agreed it to be similar to *pulchra* of Sri Lanka.

33. *Kaloula taprobanica* Parker, 1934

1934. *Kaloula pulchra taprobanica* Parker, *Monog. Frogs Fam. Microhylidae* : 86.

1996. *Kaloula taprobanica* Dutta and Manamendra – Arachchi, *Amph. Fauna Sri Lanka* : 30.

Distribution in N.E. India : Assam.

Elsewhere : INDIA (Karnataka, Kerala, Tamil Nadu); Nepal; Sri Lanka.

Comment : This is a Sri Lankan species and its occurrence in N.E. India (Frost, 2008) needs clarification. Dutta (1997) opined *K. taprobanica* to have distinct colouration and smaller size.

Genus *Microhyla* Tschudi, 1838

1838. *Microhyla* Tschudi, *Classif. Batr.*, : 71.

Type species : “*Hylaplesiaachatina* Boie, 1827” (*nomen nudum*) (= *Microhyla achatina* Tschudi, 1838)

34. *Microhyla berdmorei* (Blyth, 1856)

1856. *Engystoma* (?) *berdmorei* Blyth, *J. Asiat. Soc. Bengal*, 24 : 720.

1867. *Callula natatrix* Cope, *J. Acad. Nat. Sci. Philadelphia*, (2)6 : 192.

1868. *Diploelma* (*Engystoma*) *berdmorei* Gunther, *Zool. Rec.*, 4 : 146.

1873. *Diploelma berdmorei* Theobald, *Proc. Asiat. Soc. Bengal* : 112.

1882. *Microhyla* (*Engystoma*) *berdmorei* Boulenger, *In Mason's Burma*, 1 : 500.

1927. *Microhyla malcolmi* Cochran, *Proc. Biol. Soc. Washington*, 40 : 182.

1934. *Microhyla berdmorei* Parker, *Monogr. Frogs Fam. Microhylidae* : 127.

1987. *Microhyla* (*Microhyla*) *berdmorei* Dubois, *Alytes*, 6 : 3.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Tripura.

Elsewhere : Bangladesh; Borneo; Cambodia; China; Indochina; Indonesia; Laos; Malaysia; Myanmar; Sumatra; Thailand; Vietnam.

Comment : Pillai and Chanda (1981) reported this species for the first time from India. Subsequently it was reported by Chanda (1994), Choudhury *et. al.* (2001) and Sen (2004).

35. *Microhyla heymonsi* Vogt, 1911

1911. *Microhyla heymonsi* Vogt, *Sitz. Ges. Nat. Berlin* : 181.
 1909. *Microhyla fissipes* (non Boulenger, 1884) Boulenger : 495.
 1892. *Microhyla achatina* (non Boie) Sclater : 347.

Distribution in N.E. India : Manipur.

Elsewhere : INDIA (Andaman and Nicobar Islands); Formosa; China; Malaya Peninsula; Sumatra; Thailand.

36. *Microhyla ornata* (Dumeril and Bibron, 1841)

1841. *Engystoma ornatum* Dumeril and Bibron, *Erp. Gen.*, **8** : 745.
 1843. *Siphneus ornatum* Fitzinger, *Syst. Rept.*, : 33.
 1854. *Engystoma malabaricum* Jerdon, *J. Asiat. Soc. Bengal*, **22** : 534.
 1854. *Engystoma carnaticum* Jerdon, *J. Asiat. Soc. Bengal*, **22** : 534.
 1859. *Diplopelma ornatum* Gunther, *Cat. Batr. Sal. Coll. Brit. Mus.*, : 50.
 1870. *Diplopelma carnaticum* Stoliczka, *J. Asiat. Soc. Bengal*, **39(2)** : 154.
 1882. *Microhyla ornata* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 165.
 1882. *Microhyla (Engystoma) carnatica* Mason, *Burma*, **1** : 292.
 1884. *Microhyla fissipes* Boulenger, *Ann. Mag. Nat. Hist.*, (5)**13** : 397.
 1920. *Microhyla eremita* Barbour, *Occas. Pap. Mus. Zool. Univ. Michigan*, **76** : 3.
 1927. *Microhyla (Diplopelma) ornata* Bourret, *Fauna Indochine*, Vert. : 263.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizorm, Nagaland, Tripura

Elsewhere : Throughout India; Bangladesh; Bhutan, China; Indo-China; Japan; Malay Peninsula; Malaysia; Myanmar; Nepal; Pakistan; Sri Lanka; Taiwan.

Comment : Pillai and Chanda (1981) reported it for the first time from Meghalaya in N.E. India. Chanda (1994) extended it's range to Mizoram. Sen (2004) reported it from all North Eastern States.

37. *Microhyla pulchra* (Hallowell, 1861)

1861. *Engystoma pulchrum* Hallowell, *Proc. Acad. Nat. Sci. Philadelphia*, **12** : 506.
 1861. *Scaptophryne labyrinthica* Fitzinger, *Sitzungsber. Akad. Wiss. Wien, Math. Naturwiss. Kl.*, **42** : 416.
 1864. *Diplopelma pulchrum* Gunther, *Rept. Brit. India* : 417.
 1872. *Ranina symetrica* David, *Nouv. Arch. Mus. Natl. Hist. Nat. Paris*, **7(Bull.)** : 76.

1882. *Microhyla pulchra* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 165.
1908. *Microhyla hainanensis* Barbour, *Bull. Mus. Comp. Zool.*, 51 : 322.
1914. *Microhyla melli* Vogt, *Sitzungsber. Ges. Naturforsch. Freunde Berlin*, 101.
1927. *Microhyla (Diplopelma) pulchra* Bourret, *Fauna Indochine*, Vert. : 263.
1930. *Microhyla major* Ahl, *Sitzungsber. Ges. Naturforsch. Freunde* : 317.

Distribution in N.E. India : West to North Eastern India.

Elsewhere : China; Thailand.

Comment : Frost (2008) reported it's distribution in N.E. India by quoting Dey and Gupta (2000). Dey and Gupta (2000) recorded *Kaloula pulchra* from Cachar district of Assam and not *Microhyla pulchra*, a species hitherto not known from India.

38. *Microhyla rubra* (Jerdon, 1854)

1854. *Engystoma rubrum* Jerdon, *J. Asiat. Soc. Bengal*, 22 : 534.
1864. *Copea fulva* Steindachner, *Verh. Zool. Bot. Ges. Wien*, 14 : 286.
1882. *Microhyla rubra* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 164.
1987. *Microhyla (Diplopelma) rubra* Dubois, *Alytes*, 6 : 4.

Distribution in N.E. India : Assam, Mizoram, Nagaland.

Elsewhere : INDIA (Goa, Karnataka, Kerala, Tamil Nadu, West Bengal); Myanmar; Sri Lanka.

Comment : Originally described from South India but subsequently reported from North East India by Chanda (1994) and Sen (2004). *M. rubra* and *M. ornata* are closely related species and the key characters separating the two are not very distinct.

Family RANIDAE Genus *Amolops* Cope, 1865

1865. *Amolops* Cope, *Nat. Hist. Rev., N.S.*, 5 : 117.

Type species : *Polypedates afghana* Gunther, 1858(= *Polypedates marmoratus* Blyth, 1855)

39. *Amolops formosus* (Gunther, 1876)

1876. *Polypedates formosus* Gunther, *Proc. Zool. Soc. London* : 570.
1882. *Rana formosa* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 70.
1920. *Rana (Hylorana) formosa* Boulenger, *Rec. Indian Mus.*, 20 : 220.

1992. *Amolops (Amolops) formosus* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 321.

Distribution in N.E. India : Arunachal Pradesh, Meghalaya, Mizoram, Nagaland.

Elsewhere : INDIA (Punjab, Sikkim, West Bengal, Uttar Pradesh); Nepal.

Comment : Dutta (1997) doubted it's distribution in Meghalaya even though it's type locality is in Khasi Hills, Meghalaya. We have collected this species from most of the Northeastern states as stated above.

40. *Amolops gerbillus* (Annandale, 1912)

1912. *Rana gerbillus* Annandale, *Rec. Indian Mus.*, **8** : 10.

1920. *Rana (Hylorana) gerbillus* Boulenger, *Rec. Indian Mus.*, **20** : 127-130.

1991. *Amolops gerbillus* Fei, Ye and Liang, *Key Chinese Amph.*, : 165.

1992. *Amolops (Amolops) gerbillus* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 321.

1993. *Rana gerbillus* Zhao and Adler, *Herpetol. China* : 142.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland

Elsewhere : INDIA (West Bengal); China; Myanmar; Tibet.

Comment : Pillai and Chanda (1981) recorded this for the first time from Meghalaya. Subsequently it was recorded from other states of N. E. India (Ao *et. al.*, 2003, Sen, 2004).

41. *Amolops himalayanus* (Boulenger, 1888)

1888. *Rana himalayana* Boulenger, *Ann. Mag. Nat. Hist.*, (6)**2** : 507.

1920. *Rana (Hylorana) himalayana* Boulenger, *Rec. Indian Mus.*, **20** : 219.

1940. *Staurois himalayana* Liu, *Fieldiana : Zool. Mem.*, **2** : XXX.

1966. *Amolops himalayanus* Inger, *Fieldiana : Zool.*, **52** : 256 (by implication).

1974. *Amoles formosus himalayanus* Dubois, *Bull. Mus. Natl. Hist. Nat. Paris*, (3)213 (Zool.) **143** : 357.

1991. *Amolops himalayanus* Yang, *Fieldiana : Zool., N. S.*, **63** : 12.

Distribution in N.E. India : Eastern Himalayas.

Elsewhere : Nepal.

Comment : Dubois (1974) considered it a subspecies of *Amolops formosus*. Frost (2008) raised it to species status.

42. *Amolops marmoratus* (Blyth, 1855)

1855. *Polypedates (?) marmoratus* Blyth, *J. Asiat. Soc. Bengal*, **24** : 187-188.

1858. *Polypedates afghana* Gunther, *Arch. Naturgesch.*, **24** : 325.
 1865. *Amolops afghanus* Cope, *Nat. Hist. Rev.*, N.S., **5** : 117.
 1879. *Ixalus kakhienensis* Anderson, *Anat. Zool. Res. Yunnan*, **1** : 845.
 1882. *Rana latopalmata* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 464.
 1882. *Rana afghana* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 69.
 1912. *Ixalus argus* Annandale, *Rec. Indian Mus.*, **8** : 16.
 1920. *Rana (Hylorana) latopalmata* Boulenger, *Rec. Indian. Mus.*, **20** : 217.
 1931. *Rhacophorus (Philautus) argus* Ahl, *Das Tierreich*, **55** : 74.
 1938. *Hylorana latopalmata* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin*, : 144.
 1950. *Staurois afghana* Liu, *Fieldiana : Zool. Mem.*, **2** : XXX.
 1966. *Amolops afghanus* Inger, *Fieldiana : Zool.*, **52** : 256 (by implication).
 1985. *Philautus argus* Inger In Frost, *Amph. Spec. World* : 527.
 1987. *Rana senchalensis* Chanda, *J. Bengal Nat. Hist. Soc.*, N.S., **5** : 146.
 1992. *Amolops (Amolops) marmoratus* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 321.
 1998. *Amolops senchalensis* Das and Dutta, *Hamadryad*, **23** : 64.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : INDIA (WestBengal); China; Myanmar; Nepal; Tibet; Thailand.

Comment : *Amolops afghanus* is synonymised with *Amolops marmoratus* (Dubois 1992; Frost 2008).

43. *Amolops monticola* (Anderson, 1871)

1871. *Hylorana monticola* Anderson, *J. Asiat. Soc. Bengal*, **40** : 20.
 1890. *Rana monticola* Boulenger, *Fauna Brit. India* : 461.
 1920. *Rana (Hylorana) monticola* Boulenger, *Rec. Indian Mus.*, **20** : 127–130.
 1977. *Staurois monticola* Anon., *Acta Zool. Sinica*, **23** : 56.
 1985. *Amolops monticola* Zhao in Frost, *Amph. Spec. World* : 455.
 1992. *Amolops (Amolops) monticola* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 321.

Distribution in N.E. India : Nagaland.

Elsewhere : INDIA (West Bengal); China; Nepal; Tibet.

Comment : Reported for the first time from Nagaland (Ao *et. al.* 2003).

44. *Amolops viridimaculatus* (Jiang, 1983)

1983. *Stauroids viridimaculatus* Jiang, *Acta. Herpetol. Sinica*, N.S., 2(3) : 71.

1985. *Amolops viridimaculatus* Borkin, Matsui and Zhao in Frost, *Amph. Spec. World* : 456.

1992. *Amolops (Amolops) viridimaculatus* Dubois, *Bull. Mens. Soc. Linn. Lyon.*, 61 : 321.

Distribution in N.E. India : Nagaland.

Elsewhere : CHINA, expected in adjacent Myanmar.

Comment : Reported for the first time from India by Ao *et. al.* (2003).

Genus *Chaparana* Bourret, 1939

1939. *Chaparana* Bourret, *Annexe Bull. Gen. Instr. Publique, Hanoi*, (6) : 31.

Type species : *Rana (Chaparana) fansipani* Bourret, 1939.

45. *Chaparana sikimensis* (Jerdon, 1870)

1870. *Rana sikimensis* Jerdon, *Proc. Asiat. Soc. Bengal*, : 83.

1892. *Rana assamensis* Sclater, *Proc. Zool. Soc. London*, : 343.

1920. *Rana (Rana) assamensis* Boulenger, *Rec. Indian Mus.*, 20 : 8.

1975. *Rana (Paa) sikimensis* Dubois, *Bull. Mus. Natl. Hist. Nat., Paris*, (3) : 324.

1992. *Chaparana (Ombrana) sikimensis* Dubois, *Bull. Mens. Soc. Linn. Lyon.* 61 : 318.

2008. *Ombrana sikimensis* Frost, Online reference.

Distribution in N.E. India : Assam, Meghalaya.

Elsewhere : INDIA (Sikkim, West Bengal); Nepal.

Comment : *Rana sikimensis* of Jerdon was subsequently known as *Rana assamensis* of Sclater (1892). Dubois (1974) put it as *Chaparana sikimensis*.

Genus *Euphlyctis* Fitzinger, 1843

1843. *Euphlyctis* Fitzinger, *Syst. Rept.* : 31.

Type species : *Rana leschenaultii* Dumeril Bibron, 1841 (= *Rana cyanophlyctis* Schneider, 1799).

46. *Euphlyctis cyanophlyctis* (Schneider, 1799)

1799. *Rana cyanophlyctis* Schneider, *Hist. Amph.*, 1 : 137.

1801. *Bufo cyanophlyctis* Latreille, In *Sonnini and Latreille, Hist. Nat. Rept.*, 2 : 132.
1802. *Rana cyanophlyctis* Shaw, *Gen. Zool.*, 3 : 111.
1833. *Rana bengalensis* Gray, *Illust. Indian Zool.*, 1 : pl. 82, fig. 2.
1841. *Rana leschenaultii* Dumeril and Bibron, *Erp. Gen.*, 4 : 341-342.
1860. *Dicroglossus adolfi* Gunther, *Proc. Zool. Soc. London*, 1860 : 158.
1861. *Euphlyctis leschenaultii* Fitzinger, *Sitzungsber. Akad. Wiss., Math. Naturwiss*, KI 42 : 414.
1899. *Rana cyanophlyctis var. seistanica* Nikolsky, *Ann. Mus. Zool. Acad. Imp. Sci. St. Petersburg*, 4 : 406.
1938. *Dicroglossus cyanophlyctis* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin*, : 138.
1974. *Rana (Dicroglossus) cyanophlyctis cyanophlyctis* Dubois, *Bull. Mus. Natl. Hist. Nat. Paris*, (3) 213.
1981. *Rana (Euphlyctis) cyanophlyctis* Dubois, *Monit. Zool. Ital.*, N.S., suppl., 15 : 240.
1987. *Occidozyga (Euphlyctis) cyanophlyctis* Dubois, *Alytes*, 5 : 59.
1992. *Euphlyctis cyanophlyctis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 315.
1997. *Euphlyctis cyanophlyctis microspinulata* Khan, *Pakistan J. Zool.*, 29(2) : 10.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : Throughout India; Afghanistan, Bangladesh; Bhutan; Malaya; Myanmar; Nepal; Pakistan; Saudi Arabia; Sri Lanka.

Comment : Reported from all the North Eastern States. Widely distributed in India.

47. *Euphlyctis ghoshi* (Chanda, 1991)

1991. *Rana ghoshi* Chanda, *Hamadryad*, 15 : 16-17.
1992. *Euphlyctis ghoshi* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 312.

Distribution in N.E. India : Manipur.

Comment : Known only from the type; related to *E. cyanophlyctis*.

48. *Euphlyctis hexadactylus* (Lesson, 1834)

1834. *Rana hexadactyls* Lesson, *Voy. India Orient., Zool.*, : 331.
1834. *Dactylethra bengalensis* Lesson, *Voy. India Orient., Zool.*, : 331.
1841. *Rana saparoua* Dumeril and Bibron, *Erp. Gen.*, 8 : 338.
1841. *Rana cutipora* Dumeril and Bibron, *Erp. Gen.*, 8 : 338.
1855. *Rana robusta* Blyth, *J. Asiat. Soc. Bengal*, 23 : 298.

1861. *Phrynoderma cutiporum* Fitzinger, *Sitzungsber. Akad. Wiss. Wien, Math. Naturwiss. Kl.*, **42** : 414.
1920. *Rana (Rana) hexadactyla* Boulenger, *Rec. Indian Mus.*, **20** : 5.
1974. *Rana (Dicroglossus) hexadactyla* Dubois, *Bull. Mus. Natl. Hist. Nat. Paris* (3)213 (Zool. 143) : 341-411.
1981. *Rana (Euphlyctis) hexadactyla* Dubois, *Monit. Zool. Ital., N.S., Suppl.*, **15** : 240.
1985. *Euphlyctis hexadactyla* Poynton and Broadley, *Ann. Natal Mus.*, **27** : 124.
1987. *Occidozyga (Euphlyctis) hexadactyla* Dubois, *Alytes*, **5** : 59.
1992. *Euphlyctis hexadactylus* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 315.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura.

Elsewhere : INDIA (Kerala, Maharashtra, Orissa, Rajasthan, Tamil Nadu, West Bengal, throughout South, West and Eastern India); Bangladesh; Sri Lanka.

Comment : Closely related to *cyanophlyctis*. Chanda (1994) reported it from Tripura. Subsequent study reveals its occurrence in all the states of N.E. India.

Genus *Fejervarya* Bolckay, 1915

1915. *Fejervarya* Bolckay, *Anat. Anz.*, **48** : 181.

Type species : *Rana limnocharis* Gravenhorst, 1829.

49. *Fejervarya keralensis* (Dubois, 1981)

1981. *Rana (Euphlyctis) keralensis* Dubois, *Bull. Mus. Natl. Hist. Nat., Paris*, (4)2A : 928 (Replacement name for *Rana verrucosa* Gunther, 1875).
1876. *Rana verrucosa* Gunther, *Proc. Zool. Soc. London*, **1875** : 567.
1938. *Dicroglossus verrucosus* Deckert, *Sitzungsber. Ges. Naturf. Freunde. Berlin*, : 138.
1984. *Rana (Fejervarya) keralensis* Dubois, *Alytes*, **3** : 148.
1987. *Limnonectes (Fejervarya) keralensis* Dubois, *Alytes*, **5** : 61.
1998. *Fejervarya keralensis* Iskandar, *Amph. Java Bali* : 71 (by implication)
2000. *Fejervarya keralensis* Dubois and Ohler, *Alytes*, **18** : 35.

Distribution in N.E. India : Tripura.

Elsewhere : INDIA (Goa, Karnataka, Kerala, Gujarat, Kerala, Orissa, Tamil Nadu).

Comment : Reported from Tripura by Sarkar *et. al.* (2002). Dutta (1987) doubts its identity.

50. *Fejervarya limnocharis* (Gravenhorst, 1829)

1829. *Rana limnocharis* Gravenhorst, *Delic. Mus. Zool. Vratislav.*, **1** : XXX.
 1854. *Rana agricola* Jerdon, *J. Asiat. Soc. Bengal*, **22** : 522-534 [532].
 1872. *Rana limnocharis* Stoliczka, *J. Asiat. Soc. Bengal*, **39** : 102.
 1917. *Rana wasi* Annandale, *Mem. Asiat. Soc. Bengal*, **6** : 131.
 1938. *Dicroglossus limnocharis* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin*, : 138.
 1963. *Rana (Rana) limnocharis* Nakamura and Ueno, *Japan. Rept. Amph.* Colour : 49.
 1974. *Rana (Dicroglossus) limnocharis limnocharis* Dubois, *Bull. Mus. Natl. Hist. Nat., Paris*, (3) 213 (Zool. 143) : 341-411.
 1980. *Rana (Euphlyctis) limnocharis* Dubois, *C.R. Soc. biogeogr.*, **55** : 178.
 1984. *Rana (Fejervarya) limnocharis* Dubois, *Alytes*, **3** : 143-159 [148].
 1985. *Euphlyctis limnocharis* Poynton and Broadley, *Ann. Natal Mus.*, **27** : 124.
 1987. *Limnonectes (Fejervarya) wasi* Dubois, *Alytes*, **5** : 61.
 1987. *Limnonectes (Fejervarya) limnocharis* Dubois, *Alytes* **5** : 61.
 2000. *Fejervarya limnocharis* Dubois and Ohler, *Alytes*, **18** : 35.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : Throughout India; Bangladesh; Borneo; China; Indonesia; Japan; Java; Malay Peninsula; Myanmar; Nepal; Pakistan; Philippines; Sri Lanka; Sumatra; Taiwan; Thailand; Vietnam.

Comment : A widely distributed species complex (Dubois and Ohler, 2000).

51. *Fejervarya nepalensis* (Dubois, 1975)

1975. *Rana nepalensis* Dubois, *C.R. Hebd. Seances Acad. Sci., Paris*, (D) **281** : 1720.
 1980. *Rana (Euphlyctis) nepalensis* Dubois, *C.R. Soc Biogeogr.*, **55** : 161.
 1984. *Rana (Fejervarya) nepalensis* Dubois, *Alytes*, **3** : 149.
 1985. *Euphlyctis nepalensis* Poynton and Broadley, *Ann. Natal Mus.*, **27** : 124 (by Implication).
 1987. *Limnonectes (Fejervarya) nepalensis* Dubois, *Alytes*, **5** : 61.
 1998. *Fejervarya nepalensis* Iskandar, *Amph. Java Bali* : 71 (by implication).

Distribution in N.E. India : Arunachal Pradesh, Assam, Nagaland.

Elsewhere : Nepal.

Comment : Ao *et. al.* (2003) reported for the first time from Nagaland.

52. *Fejervarya pierrei* (Dubois, 1975)

1975. *Rana pierrei* Dubois, *C.R. Seances Soc. Biol. Paris*, **281** : 1720.
 1980. *Rana (Euphlyctis) pierrei* Dubois, "1978" *C.R. Seances Soc. Biogeogr.*, **55** : 158.
 1984. *Rana (Fejervarya) pierrei* Dubois, *Alytes*, **3** : 149.
 1985. *Euphlyctis pierrei* Poynton and Broadley, *Ann. Natal Mus.*, **27** : 124.
 1987. *Limnonectes (Fejervarya) pierrei* Dubois, "1986" *Alytes* **5** : 61.
 1998. *Fejervarya pierrei* Iskandar, *Amph. Java Bali* : 71.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland.

Elsewhere : Nepal.

53. *Fejervarya syhadrensis* (Annandale, 1919)

1919. *Rana limnocharis syhadrensis* Annandale, *Rec. Indian Mus.*, **16** : 123.
 1974. *Rana (Dicroglossus) syhadrensis* Dubois, *Bull. Mus. Natl. Hist. Nat., Paris*, (3) : 213 (Zool.143) : 383.
 1980. *Rana (Euphlyctis) syhadrensis* Dubois, *C.R. Soc. Biogeogr.* **55** : 161.
 1984. *Rana (Fejervarya) syhadrensis* Dubois, *Alytes* **3** : 150.
 1987. *Limnonectes (Fejervarya) syhadrensis* Dubois, *Alytes*, **5** : 61.
 1992. *Limnonectes syhadrensis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 315.
 2000. *Fejervarya syhadrensis* Dubois and Ohler, *Alytes* **18** : 35.

Distribution in N.E. India : Assam, Meghalaya.

Elsewhere : INDIA (Maharashtra, Orissa); Nepal; Pakistan.

54. *Fejervarya teraiensis* (Dubois, 1984)

1984. *Rana (Fejervarya) teraiensis* Dubois, *Alytes*, **3** : 143-159 [150].
 1987. *Limnonectes (Fejervarya) teraiensis* Dubois, *Alytes*, **5** : 61.
 1998. *Fejervarya teraiensis* Iskandar, *Amph. Java Bali* : 71 (by implication).
 2000. *Fejervarya teraiensis* Dubois and Ohler, *Alytes*, **18** : 35.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura.

Elsewhere : Nepal.

Comment : Ao *et. al.* (2003) reported it for the first time from Nagaland.

Genus *Hoplobatrachus* Peters, 1863

1863. *Hoplobatrachus* Peters, Monatsber. Preuss. Akad. Wiss. Berlin : 449.

Type species : *Hoplobatrachus ceylanicus* Peters, 1863 (= *Rana tigrina* Daudin, 1802)

55. *Hoplobatrachus crassus* (Jerdon, 1853)

1853. *Rana crassa* Jerdon, J. Asiat. Soc. Bengal, 22 : 531.

1863. *Hoplobatrachus ceylanicus* Peters, Monatsber. Preuss. Akad. Wiss Berlin : 445-470.

1872. *Rana (Hoplobatrachus) ceylanicus* Gunther, Ann. Mag. Nat. Hist., (4)9 : 85.

1892. *Rana tigrina* var. *ceylanica* Boettger, Ber. Offenb. Ver. Naturkd., 32 : 94.

1918. *Rana tigrina* var. *crassa* Boulenger, In Boulenger and Annandale, 1918, Rec. Indian Mus., 15 : 51-67.

1942. *Rana tigrina crassa* Bourret, Batr. Indochine : XXX.

1974. *Rana (Dicroglossus) crassa* Dubois, Bull. Mus. Natl. Hist. Nat. Paris, (3)213 (Zool. 143) : 378-380.

1987. *Limnonectes (Hoplobatrachus) crassus* Dubois, Alytes, 5 : 60.

1992. *Hoplobatrachus crassus* Dubois, Bull. Mens. Soc. Linn. Lyon, 61 : 315.

Distribution in N.E. India : Arunachal Pradesh, Assam, Nagaland, Tripura.

Elsewhere : INDIA (Andhra Pradesh, Karnataka, Kerala, Madhya Pradesh, Orissa, Tamil Nadu, Uttar Pradesh, West Bengal); Nepal, Sri Lanka.

Comment : Bordoloi *et. al.* (1999) reported it from Arunachal Pradesh and Assam; Sen (2004) reported this from Nagaland. Sarkar *et. al.* (2002) recorded it from Tripura.

56. *Hoplobatrachus tigrinus* (Daudin, 1802)

1802. *Rana tigrina* Daudin, Hist. Nat. Rain. Gren. Crap., : 62.

1758. *Rana typhonia* Linnaeus, Syst. Nat., Ed. 10, 1 : 211.

1799. *Bufo typhoni* Schneider, Hist. Amph., 1 : 207.

1829. *Rana picta* Gravenhorst, Delic. Mus. Zool. Vratislav., 1 : 39.

1834. *Rana brama* Lesson, Voy. India Orient., Zool., : 329.

1838. *Osilophus typhoni* Tschudi, Classif. Batr., : 52, 89.

1852. *Rana malabarica* Kelaart, Prodr. Faun. Zeylan., 1 : 191.

1870. *Rana gracilis* var. *pulla* Stoliczka, J. Asiat. Soc. Bengal, 39 : 134-228 [139].

1871. *Otilophus typhoni* Peters, Monatsber. Preuss. Akad. Wiss. Berlin, 1871 : 403.

1875. *Oxyrhynchus typhoni* Jimenez de la Espada, Vert. Viaj. Pacif., Batr., : 178.

1896. *Bufo thyphoni* Peracca, Boll. Mus. Zool. Anat. Comp. Univ. Torino, 11 : 12.

1938. *Dicroglossus tigrinus* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin*, **1938** : 138.
1953. *Bufo (Otilophus) typhonius* Cei, *Arch. Zool. Ital. Torino*, **38** : 511.
1974. *Rana (Dicroglossus) tigrina tigrina* Dubois, *Bull. Mus. Natl. Hist. Nat. Paris*, (3) **213** (Zool. 143) : 341-410.
1981. *Rana (Euphlyctis) tigrina* Dubois, *Monit. Zool. Ital., N.S., Suppl.*, **15** : 239.
1985. *Euphlyctis tigrina* Poynton and Broadley, *Ann. Natal Mus.*, **27** : 124.
1991. *Tigrina tigrina* Fei, Ye and Huang, *Key Chinese Amph.*, 144.
1987. *Limnonectes (Hoplobatrachus) tigrina* Dubois, *Alytes*, **5** : 59.
1992. *Hoplobatrachus tigrinus* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 315.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : Throughout India; Bangladesh; China; Indo-China; Madagascar (Introduced); Myanmar, Nepal, Pakistan, Sri Lanka.

Comment : A widely distributed species. Protected under Cites.

Genus *Limnonectes* Fitzinger, 1843

1843. *Limnonectes* Fitzinger, *Syst. Rept.*, : 31.

Type species : *Rana kuhlii* Tschudi, 1838.

57. *Limnonectes khasianus* (Anderson, 1871)

1871. *Pyxicaphelus khasianus* Anderson, *J. Asiat. Soc. Bengal*, **40** : 23.
1882. *Rana khasiana* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, Ed. **2** : 34.
1987. *Limnonectes (Limnonectes) khasianus* Dubois, *Alytes*, **5** : 63.

Distribution in N.E. India : Meghalaya.

Elsewhere : As above.

Comment : Nothing is known of this species after Boulenger's description (Dutta, 1997), According to Frost (2008), it is a valid species.

58. *Limnonectes kuhlii* (Tschudi, 1838)

1838. *Rana kuhlii* Tschudi, *Classif. Batr.*, : 40.
1838. *Rana palmata* Tschudi, *Classif. Batr.*, : 83.
1872. *Rana conspicillata* Gunther, *Proc. Zool. Soc. London*, **1872** : 597.

1882. *Rana khasiana* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 34.
1890. *Rana paradoxa* Mocquard, *Nouv. Arch. Mus. Natl. Hist. Nat. Paris*, (3)2 : 148.
1882. *Nyctibatrachus sinensis* Peters, *Sitzungsber. Ges. Naturforsch. Freunde*, Berlin : 146.
1920. *Rana (Rana) kuhli* Boulenger, *Rec. Indian Mus.*, 20 : 7.
1938. *Dicroglossus kuhlii* Deckert, *Sitzungsber. Ges. Naturf. Freunde* Berlin, : 138.
1987. *Limnonectes (Limnonectes) kuhlii* Dubois, *Alytes*, 5 : 63.
1991. *Limnonectes kuhlii* Fei, Ye and Huang, *Key Chinese Amph.*, : 153.

Distribution in N.E. India : Assam, Meghalaya.

Elsewhere : Borneo; China; Indo-China; Indonesia; Java; Malay Archipelago; Sumatra; Taiwan.

Comment : According to Dutta (1997) reported from Assam, Meghalaya.

59. *Limnonectes laticeps* (Boulenger, 1882)

1882. *Rana laticeps* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 20.
1882. *Polypedates affinis* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, Ed. 2 : 21.
1920. *Rana (Rana) laticeps* Boulenger, *Rec. Indian Mus.*, 20 : 7.
1981. *Rana (Limnonectes) laticeps* Dubois, *Monit. Zool. Itall, N. S., Suppl.* 15 : 239 (by implication).
1987. *Limnonectes (Limnonectes) laticeps* Dubois, *Alytes*, 5 : 63.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya.

Elsewhere : INDIA (West Bengal); Bangladesh; Borneo; Malaya; Yanmar; Thailand.

Comment : Sen (2004) reported it from Arunachal Pradesh, Assam and Meghalaya.

60. *Limnonectes mawlyndipi* (Chanda, 1990)

1990. *Rana mawlyndipi* Chanda, *J. Bengal Nat. Hist. Soc.*, N. S., 9 : 44.
1992. *Limnonectes (Limnonectes) mawlyndipi* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 316.
1998. *Limnonectes mawlyndipi* Das and Dutta, *Hamadryad*, 23 : 65.

Distribution in N.E. India : Meghalaya.

Elsewhere : Same as above.

Comment : Known only from the Holotype. Dutta (1997) erroneously reported it from Darjeeling in West Bengal. Frost (2008) opined that as per the original description of the species it is similar to *Limnonectes doriae*.

61. *Limnonectes mawphlangensis* (Pillai and Chanda, 1977)

1977. *Rana mawphlangensis* Pillai and Chanda, *J. Bombay Nat. Hist. Soc.*, **74** : 138.

1987. *Limnonectes (Bourretia) mawphlangensis* Dubois, *Alytes*, **5** : 62.

1999. *Limnonectes (Elachyglossa) mawphlangensis* Ohler and Dubois, *Zool. Scripta*, **28** : 276.

Distribution in N.E. India : Assam, Manipur, Meghalaya, Nagaland.

Elsewhere : INDIA (West Bengal).

Comment : Chanda (1990), extended it's range to West Bengal. Ao *et. al.* (2003) reported it from Nagaland.

Genus *Micrixalus* Boulenger, 1888

1888. *Micrixalus* Boulenger, *Proc. Zool. Soc. London*, **15** : 204-206.

62. *Micrixalus borealis* Annandale, 1912

1912. *Micrixalus borealis* Annandale, *Rec. Indian Mus.*, **8** : 10.

1931. *Phrynoglossus borealis* Smith, *Bull. Raffles Mus.*, **5** : 16.

1981. *Occidozyga borealis* Dubois, *Monit. Zool. Ital., N. S., suppl.*, **15** : 245.

Distribution in N.E. India : Arunachal Pradesh, Meghalaya, Nagaland.

Elsewhere : China; Eastern Himalayas.

Comment : Annandale (1912) described *Micrixalus borealis* from Arunachal Pradesh. After that the species remained only in literature (Chanda, 1994, 2002; Dutta, 1997; Radhakrishnan, 1997) till Mathew and Sen (2003) rediscovered it from Meghalaya. Ao *et. al.* (2003) extended it's distribution to Nagaland.

Genus *Paa* Dubois, 1975

1975. *Paa* Dubois, *Bull. Mus. Natl. Hist. Nat. Paris*, (3)324 : 1093-1115 [1093].

Type species : *Rana liebigii* Gunther, 1860.

63. *Paa annandalii* (Boulenger, 1920)

1920. *Rana annandalii* Boulenger, *Rec. Indian Mus.*, **20** : 77.

1920. *Rana (Rana) annandalii* Boulenger, *Rec. Indian Mus.*, **20** : 8.

1920. *Rana (Rana) gammiei* Boulenger, *Rec. Indian Mus.*, **20** : 8.

1871. *Rana gammii* Anderson, *J. Asiat. Soc. Bengal*, **40** : 21.

1917. *Rana gammiei* Annandale, *Mem. Asiat. Soc. Bengal*, **6** : 119-155.
 1975. *Rana (Paa) annandalii* Dubois, *Bull. Mus. Natl. Hist. Nat.*, Paris, (3)324 (Zool. 231) : 1093-1115.
 1992. *Paa (Paa) annandalii* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 320.
 2008. *Nanorana annandalii* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : INDIA (West Bengal); Nepal.

Comment : Reported from Arunachal Pradesh by Bordoloi *et. al.* (2001).

64. *Paa blanfordii* (Boulenger, 1882)

1882. *Rana blanfordii* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 23.
 1920. *Rana (Rana) blanfordii* Boulenger, *Rec. Indian Mus.*, **20** : 8.
 1975. *Rana (Paa) blanfordii* Dubois, *Bull. Mus. Natl. Hist. Nat.*, Paris, (3)324, *Zool.*, **231** : 1098.
 1977. *Rana yadongensis* Wu, In Fei, Ye, Wu and Hu, *Acta Zool. Sinica*, **23** : 56, 62.
 1991. *Paa (Paa) yadongensis* Fei, Ye and Huang, *Key Chinese Amph.*, : 156.
 1992. *Paa (Paa) blanfordii* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 320.
 2008. *Nanorana blanfordii* Frost, online reference.

Distribution in N.E. India : Meghalaya.

Elsewhere : INDIA (Uttar Pradesh, West Bengal); Nepal.

Comment : Reported from Meghalaya by Dutta (1997).

65. *Paa liebighii* (Gunther, 1860)

1860. *Rana liebighii* Gunther, *Proc. Zool. Soc. London*, **1860** : 157.
 1855. *Megalophrys gigas* Blyth, *J. Asiat. Soc. Bengal*, **23** : 299.
 1881. *Rana gigas* Peters, *Sitzungsber. Ges. Naturforsch. Freunde Berlin*, **1881** : 87.
 1920. *Rana (Rana) liebighii* Boulenger, *Rec. Indian Mus.*, **20** : 8.
 1975. *Rana (Paa) liebighii* Dubois, *Bull. Mus. Natl. Hist. Nat.*, Paris, (3) 324.
 1991. *Paa (Paa) liebighii* Fei, Ye and Huang, *Key Chinese Amph.*, : 153.
 2008. *Nanorana liebighii* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Eastern Himalayas.

Elsewhere : INDIA (Himachal Pradesh, Jammu and Kashmir, Sikkim, Uttar Pradesh, West Bengal); China; Nepal.

Comment : Borah *et. al.* (2001) reported it from Arunachal Pradesh.

66. *Paa mokokchungensis* (Das and Chanda, 2000)

2000. *Scutigera mokokchungensis* Das and Chanda, *Herpetol. J.*, **10** : 60.

2002. *Paa (Paa) mokokchungensis* Dubois, *Amphibia-Reptilia*, **22** : 504.

2008. *Nanorana mokokchungensis* Frost, online refernce.

Distribution in N.E. India : Nagaland.

Comment : Das and Chanda (2000) described it under *Scutigera*.

Genus *Rana* Linnaeus, 1758

1758. *Rana* Linnaeus, *Syst. Nat.*, Ed. 10, **1** : 210.

Type species : *Rana temporaria* Linnaeus, 1758.

67. *Rana alticola* Boulenger, 1882

1882. *Rana alticola* Boulenger, *Cat. Batr. Sal. Brit. Mus.* : 62.

1920. *Rana (Hylorana) alticola* Boulenger, *Rec. Indian Mus.*, **20** : 125.

1938. *Hylorana alticola* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin*, : 145.

1939. *Hylarana alticola* Bourret, *Annexe Bull. Gen. Instr. Publique*, Hanoi, (4) : 59.

1992. *Rana (Nasirana) alticola* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 329.

2008. *Nasirana alticola* Frost, online reference.

Distribution in N.E. India : Assam, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : INDIA (Andamans, Orissa, Sikkim, West Bengal); Bangladesh; China; Indonesia; Japan; Malaysia; Myanmar; Nepal; Sri Lanka; Thailand; Vietnam).

Comment : Chanda (1994) reported it for Assam, Meghalaya, Tripura. Sen (2004) extended it's range to Mizoram and Nagaland.

68. *Rana chloronota* (Gunther, 1875)

1875. *Polypedates chloronotus* Gunther, *Proc. Zool. Soc. London* : 569.

1882. *Rana chloronota* Boulenger, *Cat. Batr. Sal. Coll. Brit. Mus.*, Ed. **2** : 29.

1938. *Hylorana chloronota* Deckert, *Sitzungsber. Ges. Naturforsch. Freunde Berlin* : 144.

2003. *Rana (Odorrana) chloronota* Bain, Lathrop, Murphy, Orlov and Ho, *Am. Mus. Novit.*, **3417** : 17.
2005. *Odorrana chloronota* Chen, Murphy, Lathrop, Ngo, Orlov, Ho and Sonorjai, *Herpetol. J.*, **15** : 239.
2006. *Huia chloronota* Frost, Grant, Faivovich, Bain, Haas, Haddad, de Sà, Channing, Wilkinson, Donnellan, Raxworthy, Campbell, Blotto, Moler, Drewes, Nussbaum, Lynch, Green and Wheeler, *Bull. Am. Mus. Nat.Hist.*, **297** : 368.
2008. *Odorrana chloronota* Frost, online reference.

Distribution in N.E. India : Assam, Meghalaya, Mizoram.

Elsewhere : INDIA (Sikkim, West Bengal); China; Indochina; Myanmar; Thailand; Vietnam.

69. *Rana danieli* Pillai and Chanda, 1977

1977. *Rana danieli* Pillai and Chanda, *J. Bombay Nat. Hist. Soc.*, **74** : 136.
1981. *Rana (Hylarana) danieli* Dubois, *Monit. Zool. Ital., N.S., Suppl.*, **15** : 242.
1992. *Rana (Sylvirana) danieli* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 326.
2008. *Sylvirana danieli* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram.

Elsewhere : INDIA (West Bengal); Nepal.

Comment : Sen (2004) extended it's range to Manipur and Mizoram.

70. *Rana erythraea* (Schlegel, 1837)

1837. *Hyla erythraea* Schlegel, *Abbild. Amph.*, **1** : 27.
1838. *Hylarana erythraea* Tschudi, *Classif. Batr.* : 37, 78.
1841. *Limnodytes erythraeus* Dumeril and Bibron, *Erp. Gen.*, **8** : 511.
1864. *Hylorana erythraea* Gunther, *Rept. Brit. India* : 425.
1868. *Hylorana tytleri* Theobald, *J. Asiat. Soc. Bengal*, extra no. **88** : 84.
1882. *Rana tytleri* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 65.
1882. *Limnodytes tytleri* Mason, *Burma*, **1** : 290.
1882. *Rana (Hylorana) tytleri* Boulenger, *In Mason, Burma*, **1** : 499.
1882. *Rana (Hylorana) erythraea* Boulenger, *In Mason, Burma* **1** : 499.
1927. *Rana (Limnodytes) tytleri* Bourret, *Fauna Indochine, Vert.*, : 264.
1927. *Rana (Limnodytes) erythraea* Bourret, *Invent. Indochine, Vert.*, : 264.
1942. *Polypedates erythraea* Bourret, *Batr. Indochine* : 329.
1991. *Hylarana (Hylarana) erythraea* Fei, Ye and Huang, *Key Chinese Amph.*, : 139.
2008. *Hylarana erythraea* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland.

Elsewhere : INDIA (West Bengal); Borneo, Celebes (Introduced); Indo-China; Indonesia; Malay Peninsula; Philippines; Myanmar; Thailand; Vietnam.

Comment : Dutta (1992) regarded all Indian records of *R. erythraea* to be *Rana taipehensis*. However, he opined that the records of *R. erythraea* from N.E. India are probably based on specimens of both *R. erythraea* and *R. taipehensis* (Dutta, 1997). Our studies confirm the availability of both *R. erythraea* and *R. taipehensis* in North East India.

71. *Rana garoensis* Boulenger, 1920

1920. *Rana garoensis* Boulenger, *Rec. Indian Mus.*, **20** : 170.

1920. *Rana (Hylorana) garoensis* Boulenger, *Rec. Indian Mus.*, **20** : 127-130.

1992. *Rana (Sylvirana) garoensis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 326.

2008. *Hylarana garoensis* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Nagaland.

Elsewhere : As above.

Comment : Ao *et. al.* (2003) reported it from Nagaland.

72. *Rana humeralis* Boulenger, 1887

1887. *Rana humeralis* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)**5** : 420.

1920. *Rana (Hylorana) humeralis* Boulenger, *Rec. Indian Mus.*, **20** : 124.

1938. *Hylorana humeralis* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin*, : 144.

1942. *Rana (Hylarana) humeralis* Bourret, *Batr. Indochine* : 324.

1992. *Rana (Humerana) humeralis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 324-325.

2008. *Humerana humeralis* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Nagaland.

Elsewhere : Myanmar; Nepal.

Comment : Ao *et. al.* (2003) reported from Nagaland, a new record for India.

73. *Rana leptoglossa* (Cope, 1868)

1868. *Hylorana leptoglossa* Cope, *Proc. Acad. Nat. Sci. Philadelphia*, **20** : 140.

1871. *Hylorana granulosa* Anderson, *J. Asiat. Soc. Bengal*, **40** : 23.

1882. *Lymnodytes granulosa* Mason, *Burma*, **1** : 291.

1892. *Rana granulosa* Sclater, *Proc. Zool. Soc. London*, : 346, 348.
 1895. *Rana granulata* Boulenger, *Proc. Zool. Soc. London*, : 641.
 1917. *Rana leptoglossa* Annandale, *Mem. Asiat. Soc. Bengal*, 6 : 140.
 1920. *Rana (Hylorana) leptoglossa* Boulenger, *Rec. Indian Mus.*, 20 : 124, 145.
 1992. *Rana (Sylvirana) leptoglossa* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 326.
 2008. *Sylvirana leptoglossa* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Tripura.

Elsewhere : Myanmar, Thailand, Vietnam.

Comment : This species is included in the subgenus *Sylvirana* (Frost, 2008).

74. *Rana livida* (Blyth, 1856)

1856. *Polypedates lividus* Blyth, *J. Asiat. Soc. Bengal*, 24 : 718.
 1852. *Polypedates smaragdinus* Blyth, *J. Asiat. Soc. Bengal*, 21 : 355.
 1861. *Rana nebulosa* Hallowell, *Proc. Acad. Nat. Sci. Philadelphia*, 12 : 505.
 1897. *Polypedates chloronotus* Gunther, *Proc. Zool. Soc. London*, : 569.
 1882. *Rana chloronota* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 29.
 1887. *Rana livida* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)4 : 484.
 1900. *Rana graminea* Boulenger, *Proc. Zool. Soc. London*, : 958.
 1920. *Rana (Hylorana) graminea* Boulenger, *Rec. Indian Mus.*, 20 : 127, 204.
 1920. *Rana (Hylorana) livida* Boulenger, *Rec. Indian Mus.*, 20 : 128, 214.
 1927. *Rana (Hylorana) sinica* Ahl, *Sitzungsber. Ges. Naturforsch. Freunde Berlin* : 45.
 1930. *Rana leporipes* Werner, *Lingnan Sci. J., canton*, 9 : 45.
 1938. *Hylorana chloronota* Deckert, *Sitzungsber. Ges. Naturf. Freunde Berlin* : 144.
 1939. *Hylarana graminea* Bourret, *Annexe Bull. Gen. Instr. Publique*, Hanoi, (4) : 46.
 1991. *Odorrana livida* Fei, Ye and Huang, *Key Chinese Amph.*, : 148.
 1992. *Rana (Eburana) livida* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 328.
 200. *Huia livida* Frost, online reference.

Distribution in N.E. India : Assam, Manipur, Meghalaya, Mizora, Nagaland.

Elsewhere : INDIA (Eastern Himalaya, West Bengal); China; Malaya Peninsula; Myanmar; Thailand; Vietnam; Yunnan.

Comment : Ao *et. al.* (2003) extended it's distribution to Nagaland.

75. *Rana malabarica* Tschudi, 1838

1838. *Rana malabarica* Tschudi, *Classif. Batr.*, : 80.
 1861. *Hydrophylax malabaricus* Fitzinger, *Sitzungsber. Akad. Wiss. Wien, Math. Naturwiss. Kl.*, **25** : XXX.
 1859. *Hylorana malabarica* Gunther, *Cat. Batr. Sal. Coll. Brit. Mus.*, : 131.
 1920. *Rana (Rana) malabarica* Boulenger, *Rec. Indian Mus.*, **20** : 9.
 1992. *Rana (Hydrophylax) malabarica* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 325.
 2008. *Hydrophylax malabaricus* Frost, online reference.

Distribution in N.E. India : Assam, Mizoram.

Elsewhere : INDIA (Western Ghats of Southwestern India).

Comment : Though this is a south Indian species, Chanda (2002) and Sahu (1985) reported it from North East India.

76. *Rana nicobariensis* (Stoliczka, 1870)

1870. *Hylorana nicobariensis* Stoliczka, *Proc. Asiat. Soc. Bengal*, : 104.
 1801. *Hyla bilineata* Daudin, In *Sonnini and Latreille, Hist. Nat. Rept.*, **2** : 179.
 1830. *Auletris bilineatus* Wagler, *Nat. Syst. Amph.*, : 201.
 1820. *Calamita bilineatus* Merrem, *Tent. Syst. Amph.*, : 171.
 1883. *Rana macularia* var. *javanica* Horst, *Notes Leyden Mus.*, **5** : 243.
 1884. *Rana javanica* Boulenger, *Zool. Rec.*, **20** : 20 (by implication).
 1885. *Rana nicobariensis* Boulenger, *Ann. Mag. Nat. Hist.*, (5)**16** : 389.
 1892. *Rana erythraea* var. *elongata* Werner, *Jahresber. Abhandl. Nat. Ver. Magdeburg*, : 253.
 1893. *Rana lemniscata* Boettger, *Zool. Anz.*, **16** : 337.
 1920. *Rana (Hylorana) nicobariensis* Boulenger, *Rec. Indian Mus.*, **20** : 127-130.
 1920. *Rana suluensis* Taylor, *Philippine J. Sci.*, **16** : 264.
 1920. *Rana sanchezi* Taylor, *Philippine J. Sci.*, **16** : 256.
 1927. *Rana nicobariensis javanica* Mertens, *Senckenb. Biol.*, **9** : 242.
 1938. *Hylorana nicobariensis* Deckert, *Sitzungsber. Ges. Naturf. Freunde, Berlin* : 144.
 1987. *Rana (Fejervarya) nicobariensis* Dubois, *Alytes*, **5** : 61.
 1992. *Rana (Sylvirana) nicobariensis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, **61** : 326.
 2000. *Fejervarya nicobariensis* Dubois and Ohler, *Alytes*, **18** : 35.
 2008. *Sylvirana nicobariensis* Frost, online reference.

Distribution in N.E. India : Assam, Mizoram, Tripura.

Elsewhere : INDIA (Nicobar island); Bali; Borneo; Myanmar; Philippines; Sumatra; Thailand.

Comment : Sarkar *et. al.* (2002) reported for the first time from North East India..

77. *Rana nigrovittata* (Blyth, 1856)

1856. *Lymnodytes nigrovittatus* Blyth, *J. Asiat. Soc. Bengal*, 24 : 718.

1870. *Hylorana pipiens* Jerdon, *Proc. Asiat. Soc. Bengal*, : 83.

1871. *Gmnodytes nigrovittata* Anderson, *Proc. Zool. Soc. London*, : 205.

1871. *Hylorana nigrovittata* Anderson, *Proc. Zool. Soc. London*, : 205.

1892. *Rana nigrovittata* sclater, *Proc. Zool. Soc. London*, : 345.

1903. *Rana mortenseni* Boulenger, *Ann. Mag. Nat. Hist.*, (7)12 : 219.

1920. *Rana (Hylorana) nigrovittata* Boulenger, *Rec. Indian Mus.*, 20 : 124.

1992. *Rana (Sylvirana) mortenseni* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 326.

1992. *Rana (Sylvirana) nigrovittata* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 326.

1991. *Hylrana (Hylarana) nigrovittata* Fei, Ye and Huang, *Key Chinese Amph.*, : 140.

2008. *Sylvirana nigrovittata* Frost, online reference.

Distribution in N.E. India : Assam, Meghalaya.

Elsewhere : Malaya; Nepal; Myanmar; Vietnam.

Comment : Though Chanda (1994, 2002) did not include this species under fauna of North East India, Chanda, *et. al.* (2001) recognized it's syntypes under ZSI 10039, 10043-45.

78. *Rana taipehensis* Van Denburgh, 1909

1909. *Rana taipehensis* Van Denburgh, *Proc. California Acad. Sci.*, (4)3 : 56.

1937. *Hylarana taipehensis* Bourret, *Annexe Bull. Gen. Instr. Publique*, Hanoi, (4) : 33.

1981. *Rana (Rana) bilineata* Pillai and Chanda, *Rec. zool. Surv. India*, 79 : 159.

1987. *Rana (Hylarana) albolineata* Dubois, *Alytes*, 4 : 153.

1991. *Hylarana (Tenuirana) taipehensis* Fei, Ye and Huang, *Key Chinese Amph.*, 139.

1992. *Rana (Hylarana) taipehensis* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 328.

2008. *Hylarana taipehensis* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya.

Elsewhere : China; Nepal; Thailand; Vietnam.

Comment : Ahmed and Goswami (1999) and Dey and Gupta (1999) reported the species as rare in Guwahati and Barak Valley respectively. Choudhury et. al.(2001) found it abundant in Kamrup (Assam). Borah et. al. (2001) reported it from Arunachal Pradesh.

79. *Rana tytleri* Theobald 1868

1868. *Hylorana tytleri*, Theobald, *J. Asiat. Soc. Bengal*, extra no. 88 : 84.

1882. *Rana (Hylorana) tytleri* Boulenger, *In Mason, Burma*, 1 : 499.

1882. *Lymnodytes tytleri* Mason, *Burma*, 1 : 290.

Hylarana tytleri Frost online reference.

Distribution in N.E. India : Manipur, Nagaland.

Elsewhere : As above.

Comment : Ao et. al. (2003) reported it from Nagaland justifying its identity in between *R. erythraea* and *R. taipehensis* (Ohler and Mallick, 2002).

Genus *Pterorana* Kiyasetuo and Khare, 1986

1986. *Pterorana* Kiyasetuo and Khare, *Asian J. Expl. Sci.*, 1 : 12.

Type species : *Pterorana khare* Kiyasetuo and Khare, 1986.

80. *Pterorana khare* Kiyasetuo and Khare, 1986

1986. *Pterorana khare* Kiyasetuo and Khare, *Asian J. Expl. Sci.*, 1 : 12.

1992. *Rana (Pterorana) khare* Dubois, *Bull. Mens. Soc. Linn. Lyon*, 61 : 329.

2000. *Pterorana khare* Chanda, Das and Dubois, *Hamadrad*, 25 : XXX.

Distribution in N.E. India : Manipur, Mizoram, Nagaland.

Elsewhere : Same as above.

Comment : A single genus and species under Ranidae from North East India. Sen and Mathew (2003) opined that this species may occur in all the N.E. States.

Family RHACOPHORIDAE

Genus *Chirixalus* Boulenger, 1893

1893. *Chirixalus* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)13 : 340.

Type species : *Chirixalus doriae* Boulenger, 1893.

81. *Chirixalus cherrapunjiae* (Roonwal and Kripalani, 1966)

1961. *Philautus cherrapunjiae* Roonwal and Kripalani, *Rec. Indian Mus.*, **59** : 326.

2001. *Chirixalus cherrapunjiae* Bossuyt and Dubois, *Zeylanica*, **6** : 53.

2008. *Chiromantis cherrapunjiae* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya.

Comment : Dubois (1999) opined that this can not be a member of *Philautus* since it was reported in the original description as having free tadpole. Bossuyt and Dubois (2001) synonymised it under *Chirixalus*.

82. *Chirixalus doriae* Boulenger, 1893

1893. *Chirixalus doriae* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)**13** : 341.

1912. *Chirixalus doriae* Annandale, *Rec. Indian Mus.*, **8** : 18.

1927. *Philautus doriae* Cochran, *Proc. Biol. Soc. Washington*, **40** : 179.

1931. *Rhacophorus (Chirixalus) doriae* Ahl, *Das Tierreich*, **55** : 56, 105.

1942. *Chirixalus doriae* Bourret, *Batr. Indochine* : 476.

Chiromantis doriae Frost online reference.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : China; Indo-China; Myanmar; Thailand; Vietnam.

Comment : After Boulenger (1893), Annandale (1912) reported a single specimen from Kobo in Arunachal Pradesh. No further collection from India.

83. *Chirixalus shyamrupus* (Chanda and Ghosh, 1989)

1989. *Philautus shyamrupus* Chanda and Ghosh, *J. Bombay Nat. Hist. Soc.*, **86** : 215.

2001. *Chirixalus shyamrupus* Bossuyt and Dubois, *Zeylanica*, **6** : 58.

2008. *Chiromantis shyamrupus* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh.

Comment : Originally described under *Philautus*; transferred to *Chirixalus* by Bossuyt and Dubois (2001).

84. *Chirixalus simus* Annandale, 1915

1915. *Chirixalus simus* Annandale, *Rec. Indian Mus.*, **11** : 345.
 1931. *Rhacophorus (Chirixalus) simus* Ahl, *Das Tierreich*, **55** : 106.
 1927. *Philautus simus* Cochran, *Proc. Biol. Soc. Washington*, **40** : 179.
 1985. *Chirixalus simus* Frost, *Amph. Spec. World* : 538.
 2008. *Chiromantis simus* Frost, online reference.

Distribution in N.E. India : Assam.

Elsewhere : INDIA (West Bengal).

Comment : Deuti *et. al.* (2000) rediscovered it from Assam and West Bengal.

85. *Chirixalus vittatus* (Boulenger, 1887)

1887. *Ixalus vittatus* Boulenger, *Ann. Mus. Civ. Stor. Nat. Genova*, (2)**5** : 421.
 1924. *Philautus vittatus* Smith, *Rec. Indian Mus.*, **26** : 140.
 1931. *Rhacophorus (Philautus) vittatus* Ahl, *Das Tierreich*, **55** : 55, 90.
 1970. *Chirixalus vittatus* Liem, *Fieldiana : Zool.*, **57** : 95.
 2008. *Chiromantis vittatus* Frost, online reference.

Distribution in N.E. India : Arunachal Pradesh, Mizoram, Nagaland.

Elsewhere : China; Myanmar, Thailand; Vietnam.

Comment : Borah *et. al.* (2001) reported it from Arunachal Pradesh. Deuti *et. al.* (2002) extended it's range to Mizoram.

Genus *Nyctixalus* Boulenger, 1882

1882. *Nyctixalus* Boulenger, *Ann. Mag. Nat. Hist.*, (5)**10** : 35.

Type species : *Nyctixalus margaritifer* Boulenger, 1882.

86. *Nyctixalus moloch* (Annandale, 1912)

1912. *Phrynoderma moloch* Annandale, *Rec. Indian Mus.*, **8** : 18.
 1931. *Rhacophorus (Phrynoderma) moloch* Ahl, *Das Tierreich*, **55** : 60.
 1936. *Rhacophorus leprosus moloch* Wolf, *Bull. Raffles Mus.*, **12** : 137 – 217.
 1981. *Nyctixalus moloch* Dubois, *Monit. Zool. Ital., N. S., Suppl.*, **15** : 257.
 1985. *Theloderma moloch* Inger In Frost, *Amph. Spéc. World* : 550.

Distribution in N.E. India : Arunachal Pradesh, Assam

Elsewhere : China; Myanmar.

Comment : Dubois (1981) transferred it to *Nyctixalus*. Known only from the original description.

Genus *Philautus* Gistel, 1848

1848. *Philautus* Gistel, *Naturgesch. Thierr.* : x. Substitute name for *Orchestes* Tschudi, 1838.

87. *Philautus andersoni* (Ahl, 1927)

1927. *Rhacophorus andersoni* Ahl, *Sitzungsber. Ges. Naturforsch. Freunde Berlin.* : 36.

1879. *Ixalus tuberculatus* Anderson, *Anat. Zool. Res. Yunnan*, 1 : 845.

1931. *Rhacophorus (Philautus) andersoni* Ahl, *Das Tierreich*, 55 : 53, 67.

1942. *Philautus tuberculatus* Bourret, *Batr. Indochine* : 92.

1942. *Rhacophorus (Philautus) andersoni* Bourret, *Batr. Indochine* : 452.

1942. *Philautus andersonii* Bourret, *Batr. Indochine* : 452.

2001. *Philautus (Philautus) tuberculatus* Bossuyt and Dubois, *Zeylanica*, 6 : 28.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Mizoram.

Elsewhere : China; Myanmar; Tibet.

Comment : Rediscovered by Pillai and Chanda (1979) from Arunachal Pradesh and Meghalaya after more than half a century of its original description.

88. *Philautus annandalii* (Boulenger, 1906)

1906. *Ixalus annandalii* Boulenger, *J. Asiat. Soc. Bengal, N.S.*, 2 : 385.

1931. *Rhacophorus (Philautus) annandalii* Ahl, *Das Tierreich*, 55 : 53, 71.

1942. *Philautus annandalii* Bourret, *Batr. Indochine* : 451.

2001. *Philautus (Philautus) annandalii* Bossuyt and Dubois, *Zeylanica*, 6 : 38.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya, Nagaland.

Elsewhere : Eastern Himalayas; Bhutan; Nepal.

Comment : After its original description by Boulenger (1906) and later by Annandale (1912), it was reported from Assam and Arunachal Pradesh by Chanda (1994) after about 70 years.

89. *Philautus dubius* (Boulenger, 1882)

1882. *Rhacophorus dubius* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 81. Replacement name for *Ixalus jerdonii* Gunther, 1875.
1931. *Rhacophorus (Philautus) dubius* Ahl, *Das Tierreich*, **55** : 55, 93.
1876. *Ixalus jerdonii* Gunther, *Proc. Zool. Soc. London*, : 575.
1987. *Philautus (Kirtixalus) dubius* Dubois, *Alytes*, **5** : 73.
1992. *Philautus jerdonii* Sarkar, Biswas and Ray, *State Fauna Ser.*, **3(2)** : 90.
1998. *Rhacophorus dubius* Das and Dutta, *Hamadryad*, **23** : 66.
2001. *Philautus (Philautus) dubius* Bossuyt and Dubois, *Zeylanica*, **6** : 26.

Distribution in N.E. India : Meghalaya.

Elsewhere : INDIA (West Bengal).

Comment : Resurrected from the synonymy of *Philautus jerdonii* by Dubois (1987).

90. *Philautus garo* (Boulenger, 1919)

1919. *Ixalus garo* Boulenger, *Rec. Indian Mus.*, **16** : 207.
1931. *Rhacophorus (Philautus) garo* Ahl, *Das Tierreich*, **55** : 70.
1942. *Philautus garo* Bourret, *Batr. Indochine* : 450-451.
2001. *Philautus (Philautus) garo* Bossuyt and Dubois, *Zeylanica*, **6** : 41.

Distribution in N.E. India : Assam, Meghalaya, Nagaland.

Elsewhere : Same as above.

Comment : Choudhury *et. al.* (2001) discussed it's range. Ao *et. al.* (2003) extended it's range to Nagaland.

91. *Philautus jerdonii* (Gunther, 1876)

1876. *Polypedates jerdonii* Gunther, *Proc. Zool. Soc. London*, **1875** : 571.
1882. *Rhacophorus jerdonii* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 80.
1931. *Rhacophorus (Rhacophorus) jerdonii* Ahl, *Das Tierreich*, **55** : 114.
1936. *Rhacophorus buergeri jerdonii* Wolf, *Bull. Raffles Mus.*, **12** : 172.
1987. *Philautus (Kirtixalus) jerdonii* Dubois, *Alytes*, **5** : 73.
1998. *Rhacophorus jerdonii* Das and Dutta, *Hamadryad*, **23** : 67.
2001. *Philautus (Philautus) jerdonii* Bossuyt and Dubois, *Zeylanica*, **6** : 25.

Distribution in N.E. India : Arunachal Pradesh, Assam.

Elsewhere : INDIA (West Bengal).

Comment : Dubois (1987) transferred it from *Rhacophorus* to *Philautus*.

92. *Philautus kempiae* (Boulenger, 1919)

1919. *Ixalus kempiae* Boulenger, *Rec. Indian Mus.*, 16 : 208.

1931. *Rhacophorus (Philautus) kempiae* Ahl, *Das Tierreich*, 55 : 53, 69.

Philautus kempiae Bourret, 1942, *Batr. Indochine*: 450-451

Philautus (Philautus) kempiae Bossuyt and Dubois, 2001, *Zeylanica*, 6 : 41

Distribution in N.E. India : Meghalaya.

Elsewhere : Same as above.

Comment : Known only from the type.

93. *Philautus microdiscus* (Annandale, 1912)

1912. *Rhacophorus microdiscus* Annandale, *Rec. Indian Mus.*, 8 : 13.

1931. *Rhacophorus (Rhacophorus) microdiscus* Ahl, *Das Tierreich*, 55 : 57, 121.

1987. *Philautus (Kirtixalus) microdiscus* Dubois, *Alytes*, 5 : 73.

2001. *Philautus (Philautus) microdiscus* Bossuyt and Dubois, *Zeylanica*, 6 : 40.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : As above.

Comment : Removed from the synonymy of *Philautus jerdonii* by Dubois (1987) where it had been placed by Wolf (1936).

94. *Philautus namdaphaensis* Sarkar and Sanyal, 1985

1985. *Philautus namdaphaensis* Sarkar and Sanyal, *Rec. zool. Surv. India*, 81 : 287.

2001. *Philautus (Philautus) namdaphaensis* Bossuyt and Dubois, *Zeylanica*, 6 : 56.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : As above.

Comment : Known only from the type locality in Tirap district of Arunachal Pradesh.

95. *Philautus sahai* Sarkar and Ray, 2006

2006. *Philautus sahai* Sarkar and Ray, Amphibia, *Fauna of Arunachal Pradesh, State Fauna Series*, 13 (Part I) : 285-316.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : Not known.

96. *Philautus shillongensis* Pillai and Chanda, 1973

1973. *Philautus shillongensis* Pillai and Chanda, *Proc. Indian Acad. Sci., (B)*78 : 30.

2001. *Philautus (Philautus) shillongensis* Bossuyt and Dubois, *Zeylanica*, 6 : 54.

Distribution in N.E. India : Meghalaya.

Comment : Originally described from Shillong by Pillai and Chanda (1973), so far restricted to Khasi Hills in Meghalaya. Possible to occur in other North Eastern States.

Genus *Polypedates* Tschudi, 1838

1838. *Polypedates* Tschudi, *Classif. Batr.*, : 75.

Type species : *Hyla leucomystax* Gravenhorst, 1829.

97. *Polypedates gongshanensis* (Yang and Su, 1984)

1984. *Rhacophorus gongshanensis* Yang and Su, *Acta Herpetol, Sinica, N.S.*, 3(3) : 51.

1991. *Polypedates gongshanensis* Fei, Ye and Huang, *Key Chinese Amph.*, : 185.

Distribution in N.E. India : Nagaland.

Elsewhere : China; Myanmar.

Comment : Ao *et. al.* (2003) reported it for the first time from Nagaland.

98. *Polypedates himalayensis* (Annandale, 1912)

1912. *Rhacophorus maculatus himalayensis* Annandale, *Rec. Indian Mus.*, 8 : 14.

Distribution in N.E. India : Assam, Eastern Himalayas.

Elsewhere : Western China.

99. *Polypedates leucomystax* (Gravenhorst, 1829)

1829. *Hyla leucomystax* Gravenhorst, *Delic. Mus. Zool. Vratislav.*, 1 : 26.
1829. *Hyla sexvirgata* Gravenhorst, *Delic. Mus. Zool. Vratislav.*, 1 : 28.
1835. *Hyla quadrilineata* Wiegmann, *Nova Acta Acad. Leopl.*, 17 : 260.
1838. *Polypedates leucomystax* Tschudi, *Classif. Batr.*, : 34, 75.
1838. *Hyla leucopogon* Tschudi, *Classif. Batr.*, : 75.
1838. *Hyla quadrivirgata* Tschudi, *Classif. Batr.*, : 75.
1841. *Polypedates rugosus* Dumeril and Bibron, *Erp. Gen.*, 8 : 520.
1861. *Limnodytes celebensis* Fitzinger, *Sitzungsber. Akad. Wiss. Wien, Math. Naturwiss Kl.*, 25 : 413.
1856. *Polypedates junghnii* Bleeker, *Naturk. Tijdschrl Nederl. Ind.*, 11(1) : 469.
1885. *Hylorana longipes* Fischer, *Arch. Naturgesch.*, 51 : 47.
1894. *Rhacophorus leucomystax var. sexvirgata* Boettger, *Denkschr. Med. Naturwiss. Ges. Jena*, 8(5) : 13.
1901. *Rhacophorus acanthostomus* Werner, *Zool. Anz.*, 24 : 98.
1903. *Rhacophorus leucomystax quadrilineata* Werner, *Abh. Bayer. Akad. Wiss., Math. Physik. Kl.*, 22(2) : 369.
1912. *Rhacophorus maculates leucomystax* Annandale, *Rec. Indian Mus.*, 8 : 14.
1912. *Rhacophorus maculates himalayanus* Annandale, *Rec. Indian Mus.*, 8 : 14.
1927. *Hyla wirzi* Roux, *Rev. Suisse Zool.*, 34 : 121.
1927. *Rhacophorus (Polypedates) leucomystax* Bourret, *Fauna Indochine, Vert.*, : 264.
1927. *Rhacophorus (Polypedates) quadrilineatus* Bourret, *Fauna Indochine, Vert.*, : 264.
1927. *Rhacophorus kampeni* Ahl, *Sitzungsber. Ges. Naturforsch. Freunde Berlin*, : 43.
1931. *Rhacophorus (Rhacophorus) himalayanus* Ahl, *Das Tierreich*, 55 : 137.
1946. *Rhacophorus (Rhacophorus) wirzi* Forcart, *Verh. Naturforsch. Ges. Basel*, 57 : 132.
1954. *Rhacophorus leucomystax quadrilineatus* Inger, *Fieldiana : Zool.*, 33 : 382.
1987. *Rhacophorus (Rhacophorus) leucomystax teraiensis* Dubois, *Alytes*, 5 : 81-82.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : INDIA (Gujarat, Nicobar, Sikkim, West Bengal); Borneo; China; Japan (introduced); Java; Malay Peninsula; Myanmar; Nepal; Philippines; Singapore; Sri Lanka; Sumatra; Taiwan; Thailand.

100. *Polypedates maculatus* (Gray, 1833)

1833. *Hyla maculata* Gray, *Illustr. Indian Zool.*, 1 : pl. 82.

1838. *Burgeria maculata* Tschudi, *Classif. Batr.*, : 34, 75.
 1838. *Hyla reynoudi* Tschudi, *Classif. Batr.*, : 34, 75.
 1859. *Polypedates maculatus* Gunther, *Cat. Batr. Sal. Coll. Brit. Mus.*, : 78.
 1871. *Polypedates biscutiger* Peters, *Monatsber. Preuss. Akad. Wiss. Berlin*, : 649.
 1871. *Rhacophorus maculatus* Anderson, *J. Asiat. Soc. Bengal*, **40** : 27.
 1927. *Rhacophorus (Polypedates) maculatus* Bourret, *Fauna Indochine, Vert.*, : 264.
 1931. *Rhacophorus (Rhacophorus) maculatus* Ahl, *Das Tierreich*, **55** : 133.
 1936. *Rhacophorus leucomystax maculatus* Wolf, *Bull. Raffles Mus.*, **12** : 181.
 1987. *Rhacophorus (Rhacophorus) maculatus biscutiger* Dubois, *Alytes*, **5** : 84.
 1987. *Rhacophorus (Rhacophorus) maculatus himalayensis* Dubois, *Alytes*, **5** : 84-85.

Distribution in N.E. India : Arunachal Pradesh, Meghalaya.

Elsewhere : INDIA (except Haryana, Punjab, and Rajasthan); Bangladesh; Sri Lanka.

Comment : Borah *et. al.* (2001) reported it from Arunachal Pradesh. Dutta (1997) reported it from Meghalaya. Dubois (1987) was of the opinion that this is likely a complex of species.

101. *Polypedates megacephalus* Hallowell, 1861

1861. *Polypedates megacephalus* Hallowell, *Proc. Acad. Nat. Sci. Philadelphia*, **12** : 507.
 1878. *Polypedates maculatus var. unicolor* Muller, *Verh. Naturforsch. Ges. Basel*, **6** : 585.
 1911. *Rhacophorus braueri* Vogt, *Sitzungsber. Ges. Naturforsch. Freunde Berlin*, : 180.
 1925. *Rhacophorus leucomystax megacephalus* Stejneger, *Proc. U.S. Natl. Mus.*, **66** : 30.
 1931. *Rhacophorus (Rhacophorus) braueri* Ahl, *Das Tierreich*, **55** : 137.
 1987. *Rhacophorus (Rhacophorus) leucomystax megacephalus* Dubois, *Alytes*, **5** : 81.
 1986. *Polypedates megacephalus* Matsui, Seto and Utsunomiya, *J. Herpetol.*, **20** : 483-489.

Distribution in N.E. India : Meghalaya, Nagaland.

Elsewhere : China; Japan (Introduced); Laos; Thailand; Vietnam.

Comment : Resurrected from the synonymy of *Rhacophorus leucomystax* by Matsui, Seto and Utsunomiya (1986). Ao *et. al.* (2003) recorded it from Nagaland.

102. *Polypedates taeniatus* (Boulenger, 1906)

1906. *Rhacophorus taeniatus* Boulenger, *J. Asiat. Soc. Bengal*, **2** : 385.
 1931. *Rhacophorus (Rhacophorus) taeniatus* Ahl, *Das Tierreich*, **55** : 108.
 1987. *Rhacophorus (Rhacophorus) taeniatus* Dubois, *Alytes*, **5** : 77.

Distribution in N.E. India : Assam.

Elsewhere : Bangladesh, Nepal.

Comment : Ahmed and Dutta (2000) reported it for the first time from Assam in N.E. India.

103. *Polypedates teraiensis* Dubois 1987

1987. *Rhacophorus (Rhacophorus) leucomystax teraiensis* Dubois, *Alytes*, **5** : 81-82.

Distribution in N.E. India : Arunachal Pradesh, Nagaland.

Elsewhere : Myanmar; Nepal.

Comment : Ao *et. al.* (2003) reported it for the first time from Nagaland.

Genus *Rhacophorus* Kuhl and van Hasselt, 1822

1822. *Rhacophorus* Kuhl and van Hasselt, *Algemeene Konst-en Letter-Bode*, **7** : 104.

Type species : *Rhacophorus moschatus* Kuhl and van Hasselt, 1822 (= *Hyla reinwardtii* Schlegel, 1840).

104. *Rhacophorus appendiculatus* (Gunther, 1858)

1858. *Polypedates appendiculatus*, Gunther, *Cat. Batr. Sal. Coll. Brit. Mus.*, : 79.

1882. *Rhacophorus appendiculatus* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 86.

1900. *Rhacophorus phyllopygus* Werner, *Zool. Jahrb., Jena, Abt. Syst.*, **13** : 494.

1924. *Rhacophorus chaseni* Smith, *Proc. Zool. Soc. London*, **1924** : 226.

1931. *Rhacophorus (Rhacophorus) naso* Ahl, *Das Tierreich*, **55** : 139.

1930. *Rhacophorus appendiculatus chaseni* Smith, *Bull. Raffles Mus.*, **3** : 113.

1931. *Rhacophorus (Rhacophorus) chaseni* Ahl, *Das Tierreich*, **55** : 147.

Distribution in N.E.India : Arunachal Pradesh.

Elsewhere : Borneo; Cambodia; Indonesia; Malay Peninsula; Malaya; Myanmar; Philippines; Sumatra; Thailand; Vietnam.

Comment : Das and Dutta (1998) regarded this species as part of Indian fauna.

105. *Rhacophorus bipunctatus* Ahl, 1927

1927. *Rhacophorus bipunctatus* Ahl, *Sitzungsber. Ges. Naturforsch. Freunde Berlin*, : 46.

1882. *Rhacophorus bimaculatus* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 90.

1931. *Rhacophorus (Rhacophorus) bipunctatus* Ahl, *Das Tierreich*, **55** : 168.

1936. *Rhacophorus reinwardtii bipunctatus* Wolf, *Bull. Raffles Mus.*, **12** : 214.

1959. *Rhacophorus rhodopus* Liu and Hu, *Acta Zool. Sinica*, **11** : 525.

1987. *Rhacophorus (Rhacophorus) rhodopus* Dubois *Alytes*, **5** : 77.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Nagaland, Tripura.

Elsewhere : China; Guangxi; Hainan. Hunan; Indonesia; Laos; Malaya; Malay Peninsula; Myanmar; Thailand; Tibet; Vietnam.

Comment : *Rhacophorus reinwardtii* group. Distributed all over N.E. India.

106. *Rhacophorus bisacculus* Taylor, 1962

1962. *Rhacophorus bisacculus* Taylor, *Univ. Kansas Sci. Bull.*, **43** : 494.

1987. *Rhacophorus (Rhacophorus) bisacculus* Dubois, *Alytes*, **5** : 77.

Distribution in N.E. India : Nagaland.

Elsewhere : Thailand; Expected in intervening Myanmar and likely Yunnan, China.

Comment : Kiyasetuo and Khare (1987) reported it from Nagaland. Ao *et. al.* (2003) doubted on it's distribution in Nagaland and did not include in the Nagaland fauna.

107. *Rhacophorus maximus* Gunther, 1858

1858. *Rhacophorus maximus* Gunther, *Arch. Naturgesch.*, **24** : 325.

1870. *Rhacophorus gigas* Jerdon, *Proc. Asiat. Soc. Bengal*, **1870** : 84.

1931. *Rhacophorus (Rhacophorus) maximus* Ahl, *Das Tierreich*, **55** : 169.

1936. *Rhacophorus nigropalmatus maximus* Wolf, *Bull. Raffles Mus.*, **12** : 203.

1966. *Rhacophorus maximus* Inger, *Fieldiana : Zool.*, **52** : 321.

Distribution in N.E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland.

Elsewhere : INDIA (West Bengal); possibly Bangladesh; China; Indonesia; Malasia; Nepal; Thailand.

Comment : *Rhacophorus reinwardtii* group. Resurrected from subspecies status under *Rhacophorus nigropalmatus* by Inger (1966). Distributed all over North Eastern India.

108. *Rhacophorus namdaphaensis* Sarkar and Sanyal, 1985

1985. *Rhacophorus namdaphaensis* Sarkar and Sanyal, *Rec. zool. Surv. India*, **81** : 290.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : As above.

Comment : Known only from type specimens.

109. *Rhacophorus naso* (Annandale, 1912)

1912. *Rhacophorus naso* Annandale, *Rec. Indian Mus.*, **8** : 12.

1931. *Rhacophorus (Rhacophorus) naso* Ahl, *Das Tierreich*, **55** : 139.

1990. *Polypedates naso* Fei, Ye and Huang, *Key Chinese Amph.*, : 184.

2005. *Aquixalus (Aquixalus)¹naso* Delorme, Dubois, Grosjean and Ohler, *Bull. Mens. Soc. Linn. Lyon*, **74** : 166.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : China; Myanmar.

110. *Rhacophorus nigropalmatus* Boulenger, 1895

1895. *Rhacophorus nigropalmatus* Boulenger, *Ann. Mag. Nat. Hist.*, (6)**16** : 170.

1909. *Polypedates (Rhacophorus) nigropalmatus* Siedlecki, *Biol. Centralbl.*, **29** : 705.

1936. *Rhacophorus nigropalmatus nigropalmatus* Wolf, *Bull. Raffles Mus.*, **12** : 200.

1987. *Rhacophorus (Rhacophorus) nigropalmatus* Dubois, *Alytes*, **5** : 77.

Distribution in N.E. India : Arunachal Pradesh, Meghalaya.

Elsewhere : Borneo; Malaya; Sumatra; Thailand.

Comment : *Rhacophorus reinwardtii* group.

111. *Rhacophorus reinwardtii* (Schlegel, 1837)

1840. *Hyla reinwardtii* Schlegel, *Abbild Amph., Atlas* : p. 105.

1822. *Rhacophorus moschatus* Kuhl and van Hasselt, *Alg. Konst-en Letter-Bode*, **7** : 104.

1822. *Rhacophorus reinwardtii* Kuhl and van Hasselt, *Alg. Konst-en Letter-Bode*, **1** : 104 (*nomen nudum*).

1830. *Hypsiboas reinwardtii* Wagler, *Nat. Syst. Amph.*, : 200.

1900. *Rhacophorus reinwardti var. lateralis* Werner, *Zool. Jahrb., Jena, Abt. Syst.*, **13** : 495.

1909. *Polypedates reinwardtii* Siedlecki, *Biol. Centralbl.*, **29** : 704.

1987. *Rhacophorus (Rhacophorus) reinwardtii* Dubois, *Alytes*, **5** : 77.

Distribution in N.E. India : Arunachal Pradesh, Meghalaya.

Elsewhere : INDIA (West Bengal); Borneo; China; Indonesia; Java; presumably in Laos and Myanmar; Malaya Peninsula; Vietnam.

Comment : *Rhacophorus reinwardtii* Kuhl and van Hasselt, 1822 (*nomen nudum*) (Frost, 2008) synonymised with *R. bipunctatus* by Chanda (1994).

112. *Rhacophorus suffry* Bordoloi, Bortamuli and Ohler, 2007

2007. *Rhacophorus suffry* Bordoloi, Bortamuli and Ohler, *Zootaxa*, **1653** : 1-20.

Distribution in N.E. India : Assam.

Elsewhere : Not known.

113. *Rhacophorus translineatus* (Wu, 1977)

1977. *Rhacophorus translineatus* Wu, *Acta Zool. Sinica*, **23** : 59, 63.

2002. *Rhacophorus translineatus* Bordoloi, Borah, Sarmah and Sharma, *Himalayan Biosphere Reserve* vol. 4 (1 and 2) : 33-38.

Distribution in N.E. India : Arunachal Pradesh.

Elsewhere : China.

114. *Rhacophorus tuberculatus* (Anderson, 1871)

1871. *Polypedates tuberculatus* Anderson, *J. Asiat. Soc. Bengal*, **40** : 26.

1882. *Rhacophorus tuberculatus* Boulenger, *Cat. Batr. Sal. Brit. Mus.*, : 86.

1931. *Rhacophorus (Rhacophorus) tuberculatus* Ahl, *Das Tierreich*, **55** : 156.

1936. *Rhacophorus schlegelii tuberculatus* Wolf, *Bull. Raffles Mus.*, **12** : 197.

Distribution in N.E. India : Arunachal Pradesh, Assam, Meghalaya.

Elsewhere : INDIA (West Bengal); Southern Tibet (China).

Comment : According to Chanda (1994) the species is known only from the type collections.

Genus *Theلودerma* Tschudi, 1838

1838. *Theلودerma* Tschudi, *Classif. Batr.*, : 32, 75.

Type species : *Theلودerma leporosa* Tschudi, 1838.

115. *Theلودerma asperum* (Boulenger, 1886)

1886. *Ixalus asper* Boulenger, *Proc. Zool. Soc. London*, 1886 : 415.

1930. *Philautus asper* Smith, *Bull. Raffles Mus.*, 3 : 116.

1927. *Rhacophorus asperrimus* Ahl, *Sitzungsber. Ges. Naturforsch. Greunde*, Berlin : 32.

1931. *Rhacophorus (Philautus) asperrimus* Ahl, *Das Tierreich*, 55 : 53, 74.

1942. *Philautus asperrimus* Bourret, *Batr. Indochine* : 465-467.

1970. *Theلودerma asperum* Liem, *Fieldiana : Zool.*, 57 : 94.

Distribution in N.E. India : Arunachal Pradesh, Assam, Nagaland.

Elsewhere : China; Indonesia; Malay Peninsula; Myanmar; Thailand; Vietnam.

Comment : Ao *et. al.* (2003) extended it's range to Nagaland.

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