

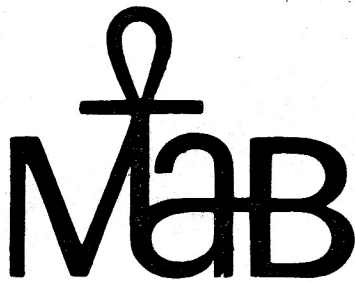
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A CHECK LIST OF AMPHIBIA OF SRI LANKA

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INTRODUCTION

The amphibian fauna of Sri Lanka has been described by Kirtisinghe (1957). Since then a few additions to this list of fauna have been made by Senanayake, F.R. and co-workers (1958, 1966, 1968, 1977) and these have been included in the present check-list. The Apodan fauna has been revised recently by Ronald A. Nussbaum and Carl Gans but their work is yet to be published.

The various publications referred to above are not readily available to the ordinary user. The purpose of the present paper is to bring together available information, in the form of a easily accessible check-list. Preliminary work on the check-list was carried out by Crusz, whose card compilation was used as a starting point.

Two orders of amphibians are represented in Sri Lanka. They are the Anura and the Apoda. They include a total of 10 genera, only one of which is Apodan. One Anuran genus is endemic and this contains 2 species. In addition there are 13 other endemic species, making up a total of 15 endemic species of amphibians for the island.

AMPHIBIA

LIST OF GENERA

- | | |
|----------------|-----------------|
| 1. Bufo | 6. Kaloula |
| 2. Rana | 7. Ramanella |
| 3. Nannophrys | 8. Uperodon |
| 4. Rhacophorus | 9. Microhyla |
| 5. Philautus | 10. Ichthyophis |

LIST OF SPECIES

ANURA

BUFONIDAE

	Reference Page
1. <i>Bufo</i> Laurenti, 1768	
(Endemic sp.) 1. <i>B. Kelaartii</i> Günther, 1858	... 3 : 16
2. <i>B. stomaticus</i> Lutken, 1863	... 3 : 17
3. <i>B. microtympanum</i> Boulenger, 1882	... 3 : 19
4. <i>B. melanostictus</i> Schneider, 1799	... 3 : 20
5. <i>B. fergusonii</i> Boulenger, 1892	... 3 : 22
(Endemic sp.) 6. <i>B. atukoralei</i> Bogert and Senanayake, 1966	... 1 : 2-17

RANIDAE

2. <i>Rana</i> Linnaeus, 1758	
1. <i>R. hexadactyla</i> Lesson, 1834	... 3 : 26
2. <i>R. cyanophlyctis</i> Schneider, 1799	
subsp. <i>cyanophlyctis</i> Schneider, 1799	... 3 : 29
3. <i>R. tigrina</i> Daudin, 1802	
subsp. <i>crassa</i> (Jerdon, 1853)	... 3 : 32
(Endemic sp.) 4. <i>R. corrugata</i> Peters, 1863	... 3 : 35
5. <i>R. limnocharis</i> Weigmann, 1835	
subsp. <i>limnocharis</i> Weigmann, 1835	... 3 : 38
subsp. <i>greenii</i> Boulenger, 1904	... 3 : 40
6. <i>R. (Tomopterna) breviceps</i> Schneider, 1799	... 3 : 43
7. <i>R. (Hylarana) temporalis</i> Günther, 1864	... 3 : 45
(Endemic sp.) 8. <i>R. (Hylarana) gracilis</i> Gravenhorst, 1829	... 3 : 48
(Endemic sp.) 9. <i>R. (Hylarana) aurantiaca</i> Boulenger	... 2 : 419-421
3. <i>Nannophrys</i> Günther, 1869	
(Endemic genus)	
1. <i>N. guentheri</i> Boulenger, 1882	... 3 : 50
* 2. <i>N. ceylonensis</i> Günther, 1868	
subsp. <i>ceylonensis</i> Günther, 1868	... 3 : 51
subsp. <i>marmorata</i> Kirtisinghe, 1964	... 3 : 52

RHACOPHORIDAE

† 4. <i>Rhacophorus</i> Kuhl & V. Hasselt, 1822	
1. <i>R. leucomystax</i> (Gravenhorst, 1829)	
subsp. <i>maculatus</i> (Gray, 1832)	... 3 : 55
(Endemic sp.) 2. <i>R. cruciger</i> (Blyth, 1852)	... 5 : 351-354
(Endemic sp.) 3. <i>R. eques</i> (Günther, 1858)	... 5 : 351-354
(Endemic sp.) 4. <i>R. microtympanum</i> (Günther, 1858)	... 3 : 63
(Endemic sp.) 5. <i>R. nasutus</i> (Günther, 1868)	... 4 : 565-570

* The 2 sub-species of *Nannophrys ceylonensis* are recognised as 2 distinct species, namely *N. marmorata* and *N. ceylonensis* by P. H. D. H. De Silva (1955) in 'A List of Amphibia Recorded from Ceylon with a Report on the Amphibia in the Colombo Museum': Spol. Zeyl. Vol. 27 (II) (pages 244-250.)

† The genus *Rhacophorus* has been revised as *Polypedates* and is already in use as such in some publications. (The exact reference by Leim could not be traced).

	Reference	Page
5. <i>Philautus</i> Gistel, 1848		
1. <i>P. leucorhinus</i> (Lichtenstein & Martens, 1856)	...	3 : 68
(Endemic sp.) 2. <i>P. schmardanus</i> (Kelaart, 1854)	...	3 : 71
3. <i>P. nasutus</i> (Günther, 1868)	...	3 : 73
4. <i>P. variabilis</i> (Günther, 1868)	...	3 : 74

MICROHYLIDAE

6. <i>Kaloula</i> Gray, 1831		
<i>K. pulchra</i> Gray, 1864		
subsp. <i>taprobatica</i> Parker, 1934	...	3 : 79
7. <i>Ramanella</i> Rao, 1925		
(Endemic sp.) 1. <i>R. palmata</i> Parker, 1934	...	3 : 81
(Endemic sp.) 2. <i>R. obscura</i> (Günther, 1864)	...	3 : 82
3. <i>R. variegata</i> (Stoliczka, 1872)	...	3 : 83
8. <i>Uperodon</i> Dumeril & Bibron, 1841		
<i>U. systoma</i> (Schneider, 1799)	...	3 : 85
9. <i>Microhyla</i> Tschudi, 1838		
1. <i>M. ornata</i> (Dumeril & Bibron, 1841)	...	3 : 88
(Endemic sp.) 2. <i>M. Zeylanica</i> Parker & Hill, 1948	...	3 : 90
3. <i>M. rubra</i> (Jerdon, 1854)	...	3 : 92

APODA

CAECILIIDAE

10. <i>Ichthyophis</i> Fitzinger, 1826		
1. <i>I. glutinosus</i> (Linnaeus, 1754)	...	3 : 95
2. <i>I. monochrous</i> (Bleeker, 1859)	...	3 : 97

REFERENCES

1. Bogert, C.M. & Senanayake, R. (1966): A new Species of Toad (*Bufo*) Indigenous to Southern Ceylon. American Museum Novitates No. 2269 (October 27, 1966).
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5. Senanayake, F.R., Michael Soule (1977) & John W. Senner: Habitat values and Endemicity in the vanishing Rain Forests of Sri Lanka. Nature, Vol. 265, No. 5592, pp. 351-354 (Macmillan Journals Ltd., 1977).

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Philautus	5
Ramanelia	7
Rana	2
Rhacophorus	4
† Tomopterna	2
Uperodon	8

* (a) *Hylarana* may be used instead of the generic name *Rana*, in the case of *R. temporalis*, *R. gracilis* & *R. aurantiaca*.

† (b) *Tomopterna* may be used instead of the generic name *Rana* in the case of *R. breviceps*.