

Type specimens of freshwater fishes in the National Museum of Sri Lanka

SEP 2020

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Abbreviations

asl: above sea level

BMNH: The Natural History Museum (formerly British Museum (Natura History)), London, UK

BNHS: Bombay Natural History Society, Mumbai, India

FF: Freshwater Fish collection of P.E.P. Deraniyagala

NMSL: National Museum of Sri Lanka, Colombo

SL: standard length

WHT: The collection of the Wildlife Heritage Trust of Sri Lanka now in NMSL

ZRC: Zoological Reference Collection, Lee Kong Chian Natural History Museum, Singapore

ZSI: Zoological Survey of India, Kolkata

DERANIYAGALA TYPES

1. *Ehirava fluviatilis* Deraniyagala 1929

Species status: Valid as *Ehirava fluviatilis* Deraniyagala 1929FAO (1994)

Holotype: BMNH 1929.7.1.1.

Paratypes: **FF 14?** (see Pethiyagoda, 1991)

Type status: FF 14 **probably lost; absent in the type cabinet;** see Pethiyagoda (1991)

References:

Deraniyagala, P.E.P. (1929) Ceylon sardines. *Spolia Zeylanica* (The Ceylon Journal of Science, Section B.--Zoology & Geology), 15(1): 31-47.

FAO (1994) The marine fishery resources of Sri Lanka. Rome, FAO.

2. *Chela laubuca lankensis* Deraniyagala 1960

Species status: Valid as *Laubuka lankensis* (Deraniyagala 1960): Sudasinghe et al. (2020)

Holotype: **FF 743**, 38.2 mm SL, Sri Lanka: Mahaweli River basin, Manampitiya

Paratypes: **FF 744**, 4 ex, 35.9-40.2 mm SL, same locality as holotype.

Type status: **holotype and paratypes present**



Figure 1. FF 743, *Chela laubuca lankensis*, 38.2 mm SL, holotype

References:

- Deraniyagala, P.E.P. (1960) A new subspecies of the fish *Chela laubuca* from Ceylon. *Spolia Zeylanica*, 29: 17.
- Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.
- Pethiyagoda, R., Kottelat, M., Silva, A., Maduwage, K., & Meegaskumbura, M. (2008) A review of the genus *Laubuca* in Sri Lanka, with description of three new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 19: 7-26.
- Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) A molecular phylogeny of the genus *Laubuka* (Teleostei: Cyprinidae) in Sri Lanka reveals multiple origins and a cryptic species. *Systematics & Biodiversity*. 18: 592-613.

3. ***Esomus danricus brevibarbartus*** Deraniyagala 1958

Species status: Synonym of *Esomus thermoicos* (Valenciennes 1842): Sudasinghe et al. (2019)

Holotype: **FF 726A**, 57.4 mm SL, Sri Lanka: Walawe River basin, Diavinna area, Velagolla road off Balangoda

Paratypes: **FF 726B**, 11 ex, 48.1-57.9 mm SL, same locality as holotype.

Type status: **holotype and paratypes present**



Figure 2. FF 726A, *Esomus danricus brevibarbartus*, 57.4 mm SL, holotype

References:

- Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new cat fish and variation among some cyprinoids and an anabantoid of Ceylon. *Spolia Zeylanica*, 28: 129-138.
- Sudasinghe, H., Pethiyagoda, R., & Meegaskumbura, M. (2019) A review of the genus *Esomus* in Sri Lanka (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 29: 343-360.

4. ***Garra ceylonensis phillipsi*** Deraniyagala 1933

Species status: tentatively valid as *Garra phillipsi* Deraniyagala 1933: Pethiyagoda (1991)

Holotype: BMNH 1933.1.17.3

Paratypes: BMNH 1933.1.17.4, 1 ex; ZSI Calcutta, 3 ex

No Types in NMSL (see Pethiyagoda, 1991)

References:

Deraniyagala, P.E.P. (1933) A new mountain-stream fish. *Spolia Zeylanica* (The Ceylon Journal of Science, Section B.--Zoology & Geology), 17: 227-229.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

5. ***Horadandia atukorali*** Deraniyagala 1943

Species status: Valid as *Horadandia atukorali* Deraniyagala 1943: Batuwita et al. (2013)

Holotype: Deraniyagala (1943) states: "The type which is 19 mm in length was taken at Attidiya and is in the Colombo Museum."

Paratypes: Deraniyagala (1943) states: "Paratypes are deposited in the Indian Museum, Calcutta."

Type status: **evidently never registered in NMSL; absent in the type cabinet** (see also Pethiyagoda, 1991)

References:

Batuwita, S., de Silva, M., & Edirisinghe, U. (2013) A review of the danionine genera *Rasboroides* and *Horadandia* (Pisces: Cyprinidae), with description of a new species from Sri Lanka. *Ichthyological Exploration of Freshwaters*, 24: 121-140.

Deraniyagala, P.E.P. (1943) A new cyprinoid fish from Ceylon. *Journal of the Ceylon Branch R. Asiatic Society*, 35: 158-159.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

6. ***Labeo porcellus lankae*** Deraniyagala 1952

Species status: Valid as *Labeo lankae* Deraniyagala 1952: Sudasinghe et al. (2018)

Putative Holotype: **FF 624**, 185 mm SL, Sri Lanka: Malwathu Oya basin, Anuradhapura: Basavakkulam (see Sudasinghe et al. 2018)

Non-Types: FF 624, 194 mm SL, same data as putative holotype; NMSL uncatalogued, 2 ex, 177-181 mm SL, Sri Lanka: Tammannawa: Pannikam Kulamoya at 25/3 Culvert Anuradhapura to Puttalam road

Type status: **putative holotype present**

Based on Sudasinghe et al. (2018): "Although Deraniyagala (1952) stated that the 183 mm holotype of *L. porcellus lankae* was deposited in NMSL, there is no such specimen in the register or collection of that institution (HS pers. obs.; Pethiyagoda 1991). No paratypes were mentioned or implied as being designated. As reported by Pethiyagoda (1991), there are four specimens of *L. lankae* in the NMSL collection, two of which are from Basavakulam (=Basavakulama, now Abhaya wewa [reservoir]), the type locality, and two (uncatalogued) from Pannikam Kulam Oya,

Tammannawa, 'at the '25/3 [mile] Culvert' [on the Anuradhapura] to Puttalam [road]'. One of the specimens from Basavakulam (FF624: Fig. 15A) collected in 1930 has a standard length of 185 mm SL. This is a close approximation to the length reported for the holotype in the original description, and this specimen may in fact be the holotype."



Figure 3. FF 624, *Labeo porcellus lankae*, 185 mm SL, putative holotype

References:

Deraniyagala, P.E.P. (1952) A coloured atlas of some vertebrates from Ceylon, Vol. 1. Fishes. National Museums of Ceylon, Colombo.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

Sudasinghe, H., Ranasinghe, R. H. T., Goonatilake, S. de A., & Meegaskumbura, M. (2018) A review of the genus *Labeo* (Teleostei: Cyprinidae) in Sri Lanka. *Zootaxa*, 4486: 201-235.

7. ***Puntius timbiri*** Deraniyagala 1963

Species status: synonym of *Systomus sarana* (Hamilton, 1822): Sudasinghe et al. (2020)

Holotype: **FF 801**, 190 mm SL, Sri Lanka: Walawe River basin, Timbirigasmankada

Type status: **holotype present**



Figure 4. FF 801, *Puntius timbiri*, 190 mm SL, holotype

References:

- Deraniyagala, P.E.P. (1963) A new cyprinid *Puntius timbiri* from Ceylon. *Spolia Zeylanica*, 30: 63-64.
- Sudasinghe, H., Pethiyagoda, R., Raghavan, R., Dahanukar, N., Rüber, L., & Meegaskumbura, M. Diversity, phylogeny and biogeography of *Systemus* (Teleostei, Cyprinidae) in Sri Lanka. *Zoologica Scripta*. <https://di.org/10.1111/zsc.12445>

8. ***Puntius ticto melanomaculatus*** Deraniyagala 1956

Species status: valid as *Pethia melanomaculata* (Deraniyagala 1956): Batuwita et al. (2015)

Holotype: **FF 728A**, 35.5 mm SL (45 mm SL according to Deraniyagala, 1958), Sri Lanka: Kantalai reservoir in the Eastern Province

Paratypes: **FF 728B**, 10 ex (according to Deraniyagala, 1958), only 3 ex, 29.1-30.2 mm SL present, same locality as holotype.

Type status: **Putative holotype and paratypes present but there is some discrepancy.** According to Deraniyagala (1958), the type is 45 mm SL whereas the specimen now as the holotype measures 35.5 mm SL. It is possible the methods of taking SL was different in Deraniyagala (1958). Further, Deraniyagala (1958) mentions 10 specimens as paratypes, however, only 3 ex are now present in the jar with the label FF 728B. Among the three paratypes, the whole eye of 1 ex (29.7 mm SL) is white whereas in the other two (29.1-30.2 mm SL) the eye is black. In the holotype too, the eye is white. Usually when a specimen is directly fixed in alcohol, the whole eye becomes white whereas if the specimen was first fixed in formalin, the eye becomes black. If this was the case, this suggests that the series of type series of *Puntius ticto melanomaculatus* were fixed in both alcohol and formalin, which is unlikely given that the entire series derived from a single collection



Figure 5. *Puntius ticto melanomaculatus*, **A**, FF 728A, putative holotype, 35.5 mm SL; **B-D**, FF 728B putative paratypes: **B**, 29.7 mm SL; **C**, 29.1 mm SL; **D**, 30.2 mm SL

References:

- Batuwita, S., Maduwage, K., & Sudasinghe, H. (2015) Redescription of *Pethia melanomaculata* (Teleostei: Cyprinidae) from Sri Lanka. *Zootaxa*, 3936: 575-583.
- Deraniyagala, P.E.P. (1956) Two new subspecies and one new species of cyprinoid fishes from Ceylon. *Proceedings of the 12th Annual Sessions of the Ceylon Association for the Advancement of Science*, 1, 34–35.
- Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

9. ***Puntius titteya*** Deraniyagala 1929

Species status: valid as *Puntius titteya* Deraniyagala 1929: Pethiyagoda (1991)

Holotype: BMNH 1929.7.1.10

Paratypes: BMNH 1928.4.16.1-6 (6); ZSI F11044/1 (2)

No Types in NMSL (see Pethiyagoda, 1991)

References:

- Deraniyagala, P.E.P. (1929) Two new freshwater fishes. *Ceylon Journal of Science Section B Zoology*, 15: 73-77.
- Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

10. ***Puntius titteya rubripinnis*** Deraniyagala 1958

Species status: synonym of *Puntius titteya* Deraniyagala 1929: Pethiyagoda (1991)

Holotype: **FF 723 A**, 31.8 mm SL (33 mm SL according to Deraniyagala, 1958), Sri Lanka: Nilwala River basin, Akuressa, coll. R. Jonklaas, 14 Aug 1956.

Paratypes: **FF 723 B?**, 11 ex, 23.6-33.3 mm SL, same locality as the holotype; inside a vial: 7 ex, 29.5-33.2 mm SL

Type status: **Holotype present**. There is a jar labeled as the paratypes of *Puntius titteya rubripinnis* with catalog number FF 723 B. There are 11 ex, in this jar measuring 23.6-33.3 mm SL. Locality information same as the holotype. Inside this jar, there is another vial. Inside this vial, there are 7 ex, 29.5-33.2 mm SL. However, there was no tag inside this vial. Deraniyagala (1958) includes 10 ex (including the holotype?) from Akuressa in his Table IV. All specimens in the jar (as paratypes) add to 18 ex. **Therefore, there is some discrepancy.**

References:

- Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.
- Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.



Figure 6. FF 723A, *Puntius titteya rubripinnis*, 31.8 mm SL, holotype

11. *Rasbora vaterifloris* Deraniyagala 1930

Species status: valid as *Rasboroides vaterifloris* (Deraniyagala 1930): Sudasinghe et al. (2018)

Holotype: BMNH 1930.10.8.1-2

Paratypes: BMNH 1930.10.8.1-2

No Types in NMSL (see Pethiyagoda, 1991)

References:

Deraniyagala, P.E.P. (1930) The Eventognathi of Ceylon. *Spoila Zeylanica* (The Ceylon Journal of Science, Section B.--Zoology & Geology), 16: 1-41.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

Sudasinghe, H., Herath, J., Pethiyagoda, R., & Meegaskumbura, M. (2018) Undocumented translocations spawn taxonomic inflation in Sri Lankan fire rasboras (Actinopterygii, Cyprinidae). *PeerJ*, 6, e6084.

12. *Rasbora vaterifloris pallida* Deraniyagala 1958

Species status: valid as *Rasboroides pallidus* (Deraniyagala 1958): Sudasinghe et al. (2018)

Holotype: **absent in the type cabinet or not registered in NMSL** (see Pethiyagoda, 1991)

References:

Batuwita, S., de Silva, M., & Edirisinghe, U. (2013) A review of the danionine genera *Rasboroides* and *Horadandia* (Pisces: Cyprinidae), with description of a new species from Sri Lanka. *Ichthyological Exploration of Freshwaters*, 24: 121-140.

Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

13. *Rasbora vaterifloris ruber* Deraniyagala 1958

Species status: synonym of *Rasboroides pallidus* (Deraniyagala 1958): Batuwita et al. (2013)

Holotype: **absent in the type cabinet or not registered in NMSL** (see Pethiyagoda, 1991)

References:

Batuwita, S., de Silva, M., & Edirisinghe, U. (2013) A review of the danionine genera *Rasboroides* and *Horadandia* (Pisces: Cyprinidae), with description of a new species from Sri Lanka. *Ichthyological Exploration of Freshwaters*, 24: 121-140.

Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

14. *Rasbora vaterifloris rubiocularis* Deraniyagala 1958

Species status: synonym of *Rasboroides pallidus* (Deraniyagala 1958): Batuwita et al. (2013)

Holotype: **absent in the type cabinet or not registered in NMSL** (see Pethiyagoda, 1991)

References:

Batuwita, S., de Silva, M., & Edirisinghe, U. (2013) A review of the danionine genera *Rasboroides* and *Horadandia* (Pisces: Cyprinidae), with description of a new species from Sri Lanka. *Ichthyological Exploration of Freshwaters*, 24: 121-140.

Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

15. *Lepidocephalus jonklaasi* Deraniyagala 1956

Species status: Valid as *Lepidocephalichthys jonklaasi* (Deraniyagala 1956): Pethiyagoda (1991)

Holotype: **FF 727A**, 50.8 mm SL (approx. caudal-fin broken; 56.5 mm SL according to Deraniyagala 1958), Sri Lanka: Nilwala River basin, Wilpita area near Akuressa, coll. P.E.P. Deraniyagala & R. Jonklaas, 25 Apr 1956.

Paratypes: **FF 727B**, 4 ex, 37.5-52.0 mm SL, Sri Lanka: Nilwala River basin, Wilpita area near Akuressa, coll. P.E.P. Deraniyagala & R. Jonklaas, 25 Apr 1956.

Type status: **Holotype and paratypes present**; color pattern of holotype faded, and caudal-fin broken. Paratypes are in better condition than the holotype.

References:

Deraniyagala, P.E.P. (1956) Two new subspecies and one new species of cyprinoid fishes from Ceylon. *Proceedings of the 12th Annual Sessions of the Ceylon Association for the Advancement of Science*, 1, 34–35.

Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.



Figure 7. FF 727A, *Lepidocephalus jonklaasi*, 50.8 mm SL, holotype



Figure 8. FF 727B, *Lepidocephalus jonklaasi*, paratypes: A, 37.5 mm SL; B, 40.1 mm SL; C, 49.6 mm SL; D, 52.0 mm SL

16. *Malpulutta kretseri* Deraniyagala 1937

Species status: Valid as *Malpulutta kretseri* Deraniyagala 1937: Pethiyagoda (1991)

Holotype: BMNH 1937.9.16.15

No Types in NMSL (see Pethiyagoda, 1991)

References:

Deraniyagala, P.E.P. (1937) *Malpulutta kretseri*--a new genus and species of fish from Ceylon. The Ceylon Journal of Science, Section B. Zoology and Geology, 20: 351-353.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

17. *Malpulutta kretseri minor* Deraniyagala 1958

Species status: synonym of *Malpulutta kretseri* Deraniyagala 1937: Pethiyagoda (1991)

Holotype: **absent in the type cabinet or not registered in NMSL** (see Pethiyagoda, 1991) (locality: Paradise estate, Kuruwita in Sabaragamuwa Province, Kalu River basin)

References:

Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

18. *Clarias nebulosus* Deraniyagala 1958

Species status: Species inquirenda in *Clarias*: Ferraris (2007)

Holotype: **FF 721**, 596 mm TL, Sri Lanka: Kalu River basin, Ratnapura

Paratypes: **FF 747?**; **FF 756?**; **FF 759?** (see Pethiyagoda, 1991)

Type status: Holotype FF 721 **absent in the type cabinet; probably lost** according to Pethiyagoda (1991); FF 747, FF 756, FF 759 are also **absent in the type cabinet; probably lost** according to Pethiyagoda (1991)

References:

Deraniyagala, P.E.P. (1958) Three new cyprinoids, a new catfish and variation among some cyprinoids and an anabantoid of Ceylon. *Spoila Zeylanica*, 28 (2), 129–138.

Ferraris, C.J. (2007) Checklist of catfishes, recent and fossil (Osteichthyes, Siluriformes) and catalogue of siluriform primary types. *Zootaxa*, 1418: 1–628

Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

19. *Wallago attu valeyae* Deraniyagala 1953

Species status: synonym of *Wallago attu* (Bloch, in Bloch & Schneider 1801): Pethiyagoda (1991)

Holotype: **FF 187A**, 240 mm SL, Yakkala, Attanagalu basin

Type status: **holotype present**



Figure 9. FF 187A, *Wallago attu valeyae*, 240 mm SL, holotype

References:

Deraniyagala, P.E.P. (1953) A new race of *Wallago attu* from Ceylon. *Spolia Zeylanica*, 27: 45.
Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

20. ***Channa marulius ara*** Deraniyagala 1945

Species status: valid as *Channa ara* Deraniyagala 1945: Sudasinghe et al. (2020)

Holotype: Deraniyagala (1945) states: "Type in Colombo Museum. Its length 480mm, D49, A31, LL16.2.47."

Neotype (designated by Sudasinghe et al. 2020): **2020.02.01.NH**, 300 mm SL, Sri Lanka: Mahaweli River basin, Angammedilla, 7°51'14"N 80°54'25"E, 81 m asl, collected by local fishermen, H Sudasinghe et al. Nov 2018

Type status: Holotype probably lost (Pethiyagoda, 1991; Sudasinghe et al. 2020). Neotype designated by Sudasinghe et al. 2020 stating "The only specimens of the Marulius group that could be located in NMSL were NMSL FF 57 (157 mm SL) and NMSL FF 256 (2 ex., 180 and 200 mm SL), all of which are much smaller than the 480 mm (total length?) holotype mentioned by Deraniyagala (1945). The only other institution to which Deraniyagala occasionally sent type material was BMNH, but there is no specimen in that collection that matches the description of the holotype (RB, pers. obs). We therefore agree with Pethiyagoda (1991) that the holotype of *Ophicephalus marulius ara* is lost. The meristic data of the holotype provided by Deraniyagala (1945) are consistent with both the Mahaweli lineage we refer to *Channa ara* and the southwestern lineage we refer to as *C. cf. ara*, which are genetically distinct. This makes designation of a neotype imperative, in order to clarify the taxonomic status of *C. ara* with respect to *C. cf. ara*. In the interest of stability, we here designate 2020.02.01.NH, 300 mm SL, as neotype of *Ophicephalus marulius ara* Deraniyagala, 1945. The characters by which *C. ara* is differentiated from congeners are provided above and in Tables 1–3, and the characters of the neotype are consistent with what is known of the former name bearing type from the original description of Deraniyagala (1945). The collection locality of the neotype lies within the type locality of *C. ara* provided by Deraniyagala (1945): Ceylon (= Sri Lanka)."



Figure 10. 2020.02.01.NH, *Channa marulius ara*, 300 mm SL, neotype

References:

Deraniyagala, P.E.P. (1945) New subspecies among Ophiocephali of Ceylon and India. *Spolia Zeylanica*, 24: 93.
Pethiyagoda, R (1991) *Freshwater fishes of Sri Lanka*. Colombo, Sri Lanka: Wildlife Heritage Trust.

Sudasinghe, H., Adamson, E. A. S., Ranasinghe, R. H. T., Meegaskumbura, M., Ikebe, C. & Britz, R. (2020) Unexpected species diversity within Sri Lanka's Snakeheads of the *Channa marulius* group (Teleostei: Channidae), *Zootaxa*, 4747: 113-132.

21. *Anabas testudineus kavaiya* Deraniyagala 1952

Species status: synonym of *Anabas testudineus* (Bloch 1792): Pethiyagoda (1991)

Holotype: **FF 869**, 55.9 mm SL, Godigamuwa, coll. William?, 24 Jan 1952.

Paratypes: 61 specimens? **absent in the type cabinet**

Type status: **presumed holotype present**. Deraniyagala (1952) states: "A specimen with fifteen dorsal spines, in the Colombo Museum". Pethiyagoda (1991) states: "The example presently considered to be the holotype has 15 dorsal spines, and is catalogued as **FF 869**. It is intact, but has been dissected."

References:

Deraniyagala, P.E.P. (1952) A coloured atlas of some vertebrates from Ceylon, Vol. 1. Fishes.

National Museums of Ceylon, Colombo. Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.

Pethiyagoda, R (1991) Freshwater fishes of Sri Lanka. Colombo, Sri Lanka: Wildlife Heritage Trust.



Figure 11. FF 869, *Anabas testudineus kavaiya*, 55.9 mm SL, presumed holotype

22. *Labeo (Morulius) gadeya* Deraniyagala 1929

Species status: synonym of *Labeo fisheri* Jordan & Starks 1917: Sudasinghe et al. (2018)

Holotype: BMNH 1929.7.1.12

Paratypes: BMNH 1928.4.16.9?

No Types in NMSL

References:

- Deraniyagala, P.E.P. (1929) Two new freshwater fishes. Ceylon Journal of Science Section B Zoology, 15: 73-77.
- Sudasinghe, H., Ranasinghe, R. H. T., Goonatilake, S. de A., & Meegaskumbura, M. (2018) A review of the genus *Labeo* (Teleostei: Cyprinidae) in Sri Lanka. Zootaxa, 4486: 201-235.

WHT TYPES

23. *Osteochilichthys longidorsalis* Pethiyagoda & Kottelat 1994

Species status: valid as *Osteochilichthys longidorsalis* Pethiyagoda & Kottelat 1994

Holotype: ZRC 34503

Paratypes: **WHT 427**, 5 ex, 102-130 mm SL, India: Kerala, Chalakudy River, 26 kilometers upstream of Chalakudy town, near Vettilappara.

Type status: **Paratypes present**



Figure 12. WHT 427, *Osteochilichthys longidorsalis*, paratypes: A, 102 mm SL; B, 130 mm SL

References:

Pethiyagoda, R. & Kottelat, M. (1994) Three new species of fishes of the genera *Osteochilichthys* (Cyprinidae), *Travancoria* (Balitoridae) and *Horabagrus* (Bagridae) from the Chalakudy River, Kerala, India. *Journal of South Asian Natural History*, 1: 97-116.

24. *Travancoria elongata* Pethiyagoda & Kottelat 1994

Species status: valid as *Travancoria elongata* Pethiyagoda & Kottelat 1994

Holotype: ZRC 34507

Paratypes: **WHT 423**, 3 ex, 87.8-109 mm SL, India: Kerala, Chalakudy River, 26 kilometers upstream of Chalakudy town, near Vettilappara.

Type status: **paratypes present**



Figure 13. *Travancoria elongata*, WHT 423, 94.1 mm SL, paratype

References:

Pethiyagoda, R. & Kottelat, M. (1994) Three new species of fishes of the genera *Osteochilichthys* (Cyprinidae), *Travancoria* (Balitoridae) and *Horabagrus* (Bagridae) from the Chalakudy River, Kerala, India. *Journal of South Asian Natural History*, 1: 97-116.

25. *Horabagrus nigricollaris* Pethiyagoda & Kottelat 1994

Species status: valid as *Horabagrus nigricollaris* Pethiyagoda & Kottelat 1994

Holotype: AMS I.34198-001

Paratypes: **WHT 443**, 1 ex, 170 mm SL, India: Kerala, Chalakudy River, 26 kilometers upstream of Chalakudy town, near Vettilappara.

Type status: **paratype present**



Figure 14. WHT 443, *Horabagrus nigricollaris*, 170 mm SL, paratype

References:

Pethiyagoda, R. & Kottelat, M. (1994) Three new species of fishes of the genera *Osteochilichthys* (Cyprinidae), *Travancoria* (Balitoridae) and *Horabagrus* (Bagridae) from the Chalakudy River, Kerala, India. *Journal of South Asian Natural History*, 1: 97-116.

26. ***Puntius exclamatio*** Pethiyagoda & Kottelat 2005

Species status: valid as *Dawkinsia exclamatio* (Pethiyagoda & Kottelat 2005): Katwate et al. (2020)

Holotype: **WHT 6255** (in Pethiyagoda & Kottelat 2005); **WHT 6001** (in the collection), 69.0 mm SL (70.4 mm SL in Pethiyagoda & Kottelat 2005), India: Kerala, Kallada River, 3 km downstream of Thenmalai Dam, on Thenmalai–Trivandrum Road.

Paratypes: **WHT 6249**, 3 ex, 62.3-71.9 mm SL (in Pethiyagoda & Kottelat 2005): **lost or misplaced?**

Type status: **Putative holotype present**. However, the voucher number of the holotype in Pethiyagoda & Kottelat (2005) is WHT 6255 while the present jar in which the holotype is housed has WHT 6001. The SL of the specimen, nevertheless matches that in Pethiyagoda & Kottelat (2005). The WHT 6249 paratypes as mentioned in Pethiyagoda & Kottelat (2005) could not be located.



Figure 15. WHT 6001 (=WHT 6255?), *Puntius exclamatio*, 69.0 mm SL, putative holotype

References

Katwate, U., Knight, J. D. M., Anoop, V. K., Raghavan, R., & Dahanukar, N. (2020) Three new species of filament barb of the genus *Dawkinsia* (Teleostei: Cyprinidae) from the Western Ghats of India. *Vertebrate Zoology*, 70: 207-233.

Pethiyagoda, R. & Kottelat, M. (2005) A review of the barb of the *Puntius filamentosus* group (Teleostei: Cyprinidae) of southern India and Sri Lanka. *Raffles Bulletin of Zoology Suppl.* no. 12: 127-144.

27. ***Puntius reval*** Meegaskumbura, Silva, Maduwage & Pethiyagoda 2008

Species status: valid as *Pethia reval* (Meegaskumbura, Silva, Maduwage & Pethiyagoda 2008)

Holotype: **WHT 677**, 30.4 mm SL, Sri Lanka: Kelani River basin, Labugama (near Hanwella), 6°51'N, 80°10'E, 90 m asl, coll. D. Gabadage & S. Dharmasiri, 7 Mar 1994.

Paratypes:

WHT 1951, 1 ex, 33.3 mm SL, Sri Lanka: Kelani River basin, Kitulgala, 6°59'N 80°25'E, coll. R. Pethiyagoda et al., 3 Apr 1996.

WHT 0004, 3 ex, 27.5-29.4 mm SL, Sri Lanka: Kelani River basin, Labugama (near Hanwella), 6°51'N 80°10'E, 90 m asl, coll. K. Manamendra-Arachchi & D. Gabadage, 6 Jul 1993.

WHT 7536, 3 ex, 28.8-34.0 mm SL, Sri Lanka: Kelani River basin, Labugama (near Hanwella), 6°51'N 80°10'E, 90 m asl, coll. D. Gabadage & S. Dharmasiri, 7 Mar 1994.

WHT 7519, 3 ex, 28.2-32.6 mm SL, Sri Lanka: Kelani River basin, Avissawella, 6°57'N 80°12'E, 150 m asl, coll. D. Gabadage & S. Dharmasiri, 7 Jan 1994.

Type status: **holotype and paratypes present**



Figure 16. WHT 677, *Puntius reval*, 30.4 mm SL, holotype

References:

Meegaskumbura, M., Silva, A., Maduwage, K. & Pethiyagoda, R. (2008) *Puntius reval*, a new barb from Sri Lanka (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 19: 141-152.

28. ***Puntius kamalika*** Silva, Maduwage & Pethiyagoda 2008

Species status: valid as *Puntius kamalika* Silva, Maduwage & Pethiyagoda 2008

Holotype: **WHT 7639**, 49.0 mm SL, Sri Lanka: Kalu River basin, Walandure near Kuruwita, 6°46'N 80°23'E, 120 m asl, coll. K. Manamendra-Arachchi & M. M. Bahir, 5 Jan 1998.

Paratypes:

WHT 7640, 11 ex, 37.5-53.4 mm SL, Sri Lanka: Kalu River basin, Walandure near Kuruwita, 6°46'N 80°23'E, 120 m asl, coll. K. Manamendra-Arachchi & M. M. Bahir, 5 Jan 1998.

WHT 7641, 2 ex, 43.2-56.7 mm SL, Sri Lanka: Gin River basin, Wakwella near Galle, 6°06'N 80°11'E, 5 m asl, coll. M. M. Bahir & M. de Silva, 26 Dec 1997.

WHT 7642, 2 ex, 50.4-50.6 mm SL, Sri Lanka: Kelani River basin (or Attanagalu?), near Gampaha
7°03'N 80°01'E, 10 m asl, collector, date unknown.

WHT 7643, 1 ex, 70.0 mm SL, Sri Lanka: Bolgoda River basin, Attidiya near Colombo, 6°50'N
79°53'E, 8 m asl, coll. D. Gabadage, 11 Jun 1993.

Type status: **holotype and paratypes present**



Figure 17. WHT 7639, *Puntius kamalika*, 49.0 mm SL, holotype

References:

Silva, A., Maduwage, K., & Pethiyagoda, R. (2008) *Puntius kamalika*, a new species of barb from Sri Lanka (Teleostei: Cyprinidae). *Zootaxa*, 1824: 55-64.

29. *Puntius kelumi* Pethiyagoda, Silva, Maduwage & Meegaskumbura 2008

Species status: valid as *Puntius kelumi* Pethiyagoda, Silva, Maduwage & Meegaskumbura 2008

Holotype: **WHT 7629**, 70.6 mm SL, Sri Lanka: Kalu River basin, Madakada Aranya, near Ingiriya,
6°44'N 80°09'E, 60 m asl, coll. K. Manarnendra-Arachchi & D. Gabadage, 21 Sep 1991.

Paratypes:

WHT7630, 4 ex, 56.6-67.8 mm SL, same locality as holotype.

WHT 7631, 2 ex, 66.7-75.4 mm SL, Sri Lanka: Bentara River basin, Mahakalupahana, near
Matugama, 6°28'N 80°09'E, 80 m asl, coll. D. Gabadage, 1 Nov 1993.

WHT 7638, 1 ex, 42.9 mm SL, Sri Lanka: Gin River basin, Pol Atu Modera (River), Hiyare, near Galle,
coll. M. M. Bahir, 6 Apr 2003.

WHT 7819, 1 ex, 56.0 mm SL, Sri Lanka: Kalu River basin, Weralugahamula, near Rakwana, 6°30'N
80°36'E, coll. A Silva et al., 30 May 2008.

WHT 7632, 1 ex, 82.8 mm SL, Sri Lanka: Kelani River basin, Parawalatenna, near Kitulgala, 6°59'N
80°24'E, 150 m asl, coll. K. Manarnendra-Arachchi & D. Gabadage, 21 Dec 1995.

WHT 7633, 1 ex, 62.4 mm SL, Sri Lanka: Gin River basin, Mawanana, near Neluwa, 6°22'N 80°21'E,
84 m asl, coll. K. ManamendraArachchi & S. Udayanga, 8 Apr 1999.

WHT 7634, 11 ex, 31.8-48.8 mm SL, Sri Lanka: Bentara River basin, Yagirala, 6°23'N 80°09'E, 80 m
asl, coll. M.M. Bahir & S.V. Nanayakkara, 7 Feb 1999.

Type status: **holotype and paratypes present**



Figure 18. WHT 7629, *Puntius kelumi*, 70.6 mm SL, holotype

References:

Pethiyagoda, R., Silva, A., Maduwage, K., & Meegaskumbura, M. (2008) *Puntius kelumi*, a new species of cyprinid fish from Sri Lanka (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 19: 201-214.

30. *Laubuca insularis* Pethiyagoda, Kottelat, Silva, Maduwage, & Meegaskumbura 2008

Species status: synonym of *Laubuca lankensis* (Deraniyagala 1960): Sudasinghe et al. (2020)

Holotype: **WHT 7521**, 47.6 mm SL, Sri Lanka: Mahaweli River basin, Kalu Ganga at Pallegama, 7°32'N 80°49'E, 185 m asl, coll. R. Pethiyagoda et al., 16 Oct 1993.

Paratypes:

WHT 7522, 5 ex, 43.9-55.8 mm SL, same locality as holotype.

WHT 7523, 4 ex, 41.1-45.5 mm SL, same locality as holotype.

WHT 1860, 5 ex, 40.7-45.2 mm SL, Sri Lanka: Mahaweli River basin, Hasalaka, 7°21'N 80°57'E, 100 m asl, coll. D. Gabadage & M. M. Bahir, 19 Aug 1996.

WHT 1531, 8 ex, 35.3-55.8 mm SL, Sri Lanka: Mahaweli River basin, Mahiyanganaya, 7°19'N 80°59'E, 70 m asl, coll. D. Gabadage & M. M. Bahir, 19 Aug 1996.

Type status: **holotype and paratypes present**

References:

Pethiyagoda, R., Kottelat, M., Silva, A., Maduwage, K., & Meegaskumbura, M. (2008) A review of the genus *Laubuca* in Sri Lanka, with description of three new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 19: 7–26.

Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) A molecular phylogeny of the genus *Laubuca* (Teleostei: Cyprinidae) in Sri Lanka reveals multiple origins and a cryptic species. *Systematics & Biodiversity*. 18: 592-613.



Figure 19. WHT 7521, *Laubuca insularis*, 47.6 mm SL, holotype

31. *Laubuca varuna* Pethiyagoda, Kottelat, Silva, Maduwage, & Meegaskumbura 2008

Species status: valid as *Laubuca varuna* (Pethiyagoda, Kottelat, Silva, Maduwage, & Meegaskumbura 2008): Sudasinghe et al. (2020)

Holotype: **WHT 7535**, 49.9 mm SL, Sri Lanka: Kelani River basin, Wak Oya at Kahahena, near Waga, 6°54'N 80°07'E, 150 m asl; D. Gabadage, 15 Jan 1992.

Paratypes:

WHT 7534, 4 ex, 42.1-53.8 mm SL, Sri Lanka: Kelani River basin, Wak Oya at Kahahena, near Waga, 6°54'N 80°07'E, 150 m asl; D. Gabadage, 15 Jan 1992.

WHT 7529, 2 ex, 37.0-41.3 mm SL, Sri Lanka: Kelani River basin, Wak Oya at Kahahena, near Waga, 6°54'N 80°07'E, 150 m asl; coll. K. Manamendra-Arachchi & D. Gabadage, 6 Aug 1993.

WHT 1607, 3 ex, 40.8-45.2 mm SL, Sri Lanka: Kalu River basin, Ingiriya, 6°44'N 80°09'E, 60 m asl, coll. D. Gabadage, 15 Jan 1992.

WHT 1654, 4 ex, 39.9-53.0 mm SL, Sri Lanka: Kelani River basin, Avissawella, 6°57'N 80°12'E, 150 m asl, D. Gabadage & S. Dharmarathna, 28 Jan 1994.

WHT 7615, 3 ex, 22.8-34.6 mm SL (23.3-54.1 mm SL according to Pethiyagoda et al. 2008), Sri Lanka: Kalu River basin, Ekneligoda, near Kuruwita, 6°46'N 80°23'E, 120 m asl, coll. D. Gabadage & K. Manamendra-Arachchi, 17 Aug 1997.

Type status: **holotype and paratypes present**

References:

Pethiyagoda, R., Kottelat, M., Silva, A., Maduwage, K., & Meegaskumbura, M. (2008) A review of the genus *Laubuca* in Sri Lanka, with description of three new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 19: 7–26.

Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) A molecular phylogeny of the genus *Laubuca* (Teleostei: Cyprinidae) in Sri Lanka reveals multiple origins and a cryptic species. *Systematics & Biodiversity*. 18: 592-613.



Figure 20. WHT 7535, *Laubuca varuna*, 49.9 mm SL, holotype

32. *Laubuca ruhuna* Pethiyagoda, Kottelat, Silva, Maduwage, & Meegaskumbura 2008

Species status: synonym of *Laubuca varuna* (Pethiyagoda, Kottelat, Silva, Maduwage, & Meegaskumbura 2008): Sudasinghe et al. (2020)

Holotype: **WHT 7524**, 67.3 mm SL, Sri Lanka: Gin River basin, Mawanana, near Neluwa, 6°22'N 80°21'E, 84 m asl, coll. S. Batuwita & K. Wewelwala, 24 Jan 1998.

Paratypes:

WHT 7525, 1 ex, 52.5 mm SL, Sri Lanka: Gin River basin, Pol-athu Modara River at Mineemarywa, near Imaduwa, 6°02'N 80°20'E, 60 m asl, coll. S. Batuwita & A.I. Alagiyawadu, 16 Feb 1999.

WHT 7526, 5 ex, 53.2-56.1 mm SL, Sri Lanka: Gin River basin, Kottawa Forest Reserve, 6°06'N 80°21'E, 60 m asl, coll. M.M. Bahir, 15 Jan 1995.

WHT 7527, 3 ex, 53.8-60.7 mm SL, Sri Lanka: Gin River basin, Mawanana, near Neluwa, 6°22'N 80°21'E, 84 m asl, coll. S. Batuwita & S.V. Nanayakkara, 26 Jan 2007.

WHT 7647, 1 ex, 52.6 mm SL, Sri Lanka: Nilwala River basin, Akuressa, 6°06'N 80°29'E, 70 m asl, coll. S.V. Nanayakkara & M. Meegaskumbura, 2003.

WHT 7613, 1 ex, 46.6 mm SL, Sri Lanka: Gin River basin, at Navinna (near Galle), 6°04'N 80°12'E, 15 m asl, coll. M.M. Bahir & S.H.K Wewelwala, 18 Nov 1997.

Type status: **holotype and paratypes present**

References:

Pethiyagoda, R., Kottelat, M., Silva, A., Maduwage, K., & Meegaskumbura, M. (2008) A review of the genus *Laubuca* in Sri Lanka, with description of three new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 19: 7–26.

Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) A molecular phylogeny of the genus *Laubuca* (Teleostei: Cyprinidae) in Sri Lanka reveals multiple origins and a cryptic species. *Systematics & Biodiversity*. 18: 592-613.



Figure 21. WHT 7524, *Laubuca ruhuna*, 67.3 mm SL, holotype

33. *Rasbora armitagei* Silva, Maduwage & Pethiyagoda 2010

Species status: valid as *Rasbora armitagei* Silva, Maduwage & Pethiyagoda 2010: Sudasinghe et al. (2020)

Holotype: **WHT 7661**, 56.4 mm SL, Sri Lanka: Kalu River basin, Weralugahamula, near Rakwana, 6°30'N 80°36'E, D. Gabadagc & J. Karunarathna, 21 Jul 1994.

Paratypes:

WHT 7662, 3 ex, 50.5-56.7 mm SL, Sri Lanka: Kalu River basin, Weralugahamula, near Rakwana, 6°30'N 80°36'E, D. Gabadagc & J. Karunarathna, 21 Jul 1994.

WHT 7816, 1 ex, 50.5 mm SL, Sri Lanka: Kalu River basin, Weralugahamula, near Rakwana, 6°30'N 80°36'E, A. Silva et al., 30 May 2008.

Type status: **holotype and paratypes present**



Figure 22. WHT 7661, *Rasbora armitagei*, 56.4 mm SL, holotype

References:

Silva, A., Maduwage, K., & Pethiyagoda, R. (2010) A review of the genus *Rasbora* in Sri Lanka, with description of two new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 21: 27-50.

Sudasinghe, H., Pethiyagoda, R., Ranasinghe, R. H. T., Raghavan, R., Dahanukar, N. & Meegaskumbura, M. (2020). A molecular phylogeny of the freshwater-fish genus *Rasbora* (Teleostei: Cyprinidae) in Sri Lanka reveals a remarkable diversification—and a cryptic species. *Journal of Zoological Systematics and Evolutionary Research*. 00: 1-35.
<https://doi.org/10.1111/jzs.12395>

34. *Rasbora naggsi* Silva, Maduwage & Pethiyagoda 2010

Species status: valid as *Rasbora naggsi* Silva, Maduwage & Pethiyagoda 2010: Sudasinghe et al. (2020)

Holotype: **WHT 7659**, 68.2 mm SL, Sri Lanka: Walawe River basin, Pambahinna, near Belihul Oya, 6°45'N 80°45'E, K. Manamendra-Arachchi & J. Perera, 22 Mar 1993.

Paratypes:

WHT 7660, 9 ex, 61.0-77.2 mm SL, Sri Lanka: Walawe River basin, Pambahinna, near Belihul Oya, 6°45'N 80°45'E, K. Manamendra-Arachchi & J. Perera, 22 Mar 1993 (**specimens in poor condition: bodies soft and broken**).

Type status: **Holotype present; paratype WHT 7660 present but in poor condition.**



Figure 23. WHT 7659, *Rasbora naggsi*, 68.2 mm SL, holotype

References:

Silva, A., Maduwage, K., & Pethiyagoda, R. (2010) A review of the genus *Rasbora* in Sri Lanka, with description of two new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 21: 27-50.

Sudasinghe, H., Pethiyagoda, R., Ranasinghe, R. H. T., Raghavan, R., Dahanukar, N. & Meegaskumbura, M. (2020). A molecular phylogeny of the freshwater-fish genus *Rasbora* (Teleostei: Cyprinidae) in Sri Lanka reveals a remarkable diversification—and a cryptic species. *Journal of Zoological Systematics and Evolutionary Research*. 00: 1-35.
<https://doi.org/10.1111/jzs.12395>

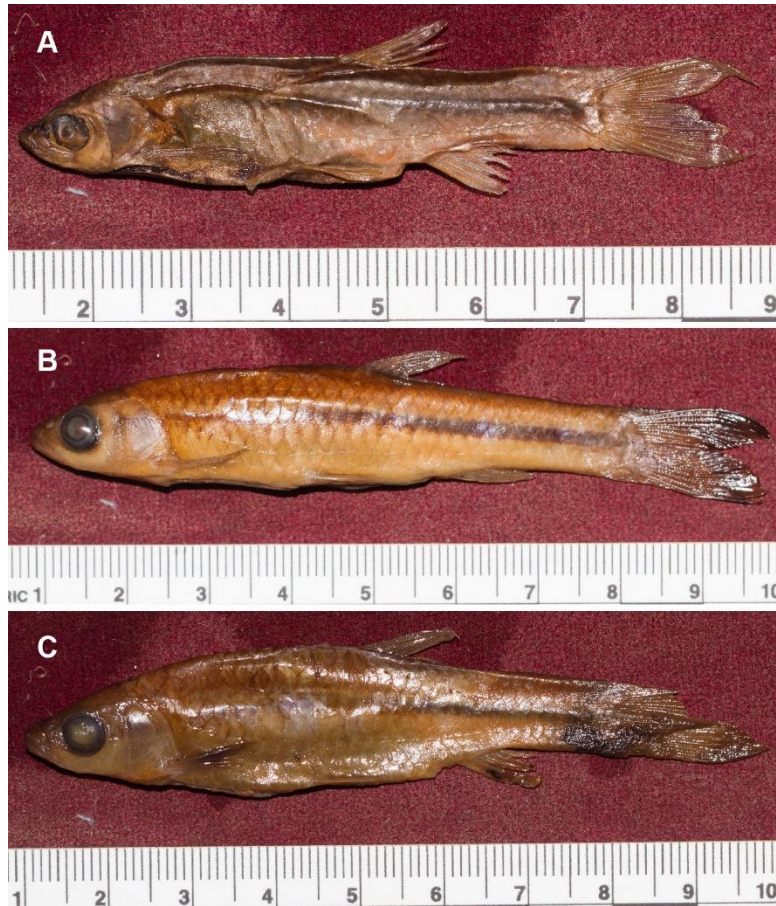


Figure 24. WHT 7660, *Rasbora naggsi*, paratypes: A, 58.4 mm SL; B, 70.0 mm SL; C, 66.5 mm SL

35. *Leuciscus flavus* Jerdon 1849; *Leuciscus caverii* Jerdon 1849; *Leuciscus xanthogramme* Jerdon 1849

Species status: synonym of *Rasbora dandia* (Valenciennes, in Cuvier & Valenciennes 1844): Silva et al. (2010)

Neotype: **WHT 7787**, 56.2 mm SL, India: Karnataka: Kaveri River at Srirangapattana ["Sri Rangapadana"], 12°24'N 76°42'E, 680 m asl, R. Pethiyagoda, 17 Mar 1996.

Type status: **neotype present.**



Figure 25. WHT 7787, *Leuciscus flavus*, 56.2 mm SL, neotype

References:

Silva, A., Maduwage, K., & Pethiyagoda, R. (2010) A review of the genus *Rasbora* in Sri Lanka, with description of two new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 21: 27-50.

36. ***Rasbora microcephalus*** Jerdon 1849

Species status: valid as *Rasbora microcephalus* Jerdon 1849: Sudasinghe et al. (2020)

Neotype: **WHT 7671A**, 46.8 mm SL, India: Tamil Nadu, Mamallapuram, 12°37'N 80°10'E, 3 m asl, M.M. Bahir, 2 Oct 1997.

Type status: **Neotype in extreme poor condition: dissolved in the medium, impossible to examine.** Sudasinghe et al. (2020) states: "Silva et al. (2010) identified the Sri Lankan population referred to as *R. microcephalus* based on specimens from Sri Lanka and the type locality, near Chennai (Tamil Nadu, India). Regrettably, these specimens, including NMSL WHT 7671A, which they designated as neotype, are no longer available for examination."

References:

Silva, A., Maduwage, K., & Pethiyagoda, R. (2010) A review of the genus *Rasbora* in Sri Lanka, with description of two new species (Teleostei: Cyprinidae). *Ichthyological Exploration of Freshwaters*, 21: 27-50.

Sudasinghe, H., Pethiyagoda, R., Ranasinghe, R. H. T., Raghavan, R., Dahanukar, N. & Meegaskumbura, M. (2020). A molecular phylogeny of the freshwater-fish genus *Rasbora* (Teleostei: Cyprinidae) in Sri Lanka reveals a remarkable diversification—and a cryptic species. *Journal of Zoological Systematics and Evolutionary Research*. 00: 1-35. <https://doi.org/10.1111/jzs.12395>

37. ***Mystus ankutta*** Pethiyagoda, Silva & Maduwage 2008

Species status: valid as *Mystus ankutta* Pethiyagoda, Silva & Maduwage 2008

Holotype: **WHT 7727**, 76.1 mm SL (77.2 mm SL in Pethiyagoda et al. 2008), Sri Lanka: Kelani River basin, Wak-Oya at Waga (near Labugama), 6°54'N 80°07'E, 150 m asl, coll. K. Manamendra-Arachchi & D. Gabadage, 6 Aug 1993.

Paratypes:

WHT 11, 2 ex, 68.9-78.4 mm SL, Sri Lanka: Kelani River basin, Wak-Oya at Waga (near Labugama), 6°54'N 80°07'E, 150 m asl, coll. K. Manamendra-Arachchi & D. Gabadage, 6 Aug 1993.

WHT 7728, 2 ex, 74.2-75.7 mm SL, Sri Lanka: Bentara River basin, Horawala (near Matugama), 6°28'N 80°07'E, 80 m asl, D. Gabadage, 31 Mar 1995.

WHT 125, 3 ex, 59.7-73.1 mm SL, Sri Lanka: Bentara River basin, Mahakalupahana (near Matugama), 6°28'N 80°09'E, 80 m asl; D. Gabadage, 1 Nov 1993.

Type status: **holotype and paratypes present.** In WHT 11, 2 more specimens (non-types), 34.8-35.2 mm SL and in WHT 125, additional non-type, 54.6 mm SL.

References: Pethiyagoda, R., Silva, A., & Maduwage, K. (2008) *Mystus ankutta*, a new catfish from Sri Lanka (Teleostei: Bagridae). *Ichthyological Exploration of Freshwaters*, 19: 233-242.



Figure 26. WHT 7727, *Mystus ankutta*, 76.1 mm SL, holotype

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38. *Rasboroides rohani* Batuwita, de Silva & Edirisinghe 2013

Species status: synonym of *Rasboroides pallidus* (Deraniyagala 1958): Sudasinghe et al. (2018)

Holotype (Based on Batuwita et al. 2013): **WHT 9710**, 34.0 mm SL, Sri Lanka: Walawe River basin, Rakwana Ganga tributary: Suriyakanda, 6°26'59"N 80°37'10"E, 980 m asl, coll. S. Udugampala & R. Krishantha, 3 June 2013.

Paratypes (Based on Batuwita et al. 2013):

WHT 9711, 2 ex, 30.8-31.3 mm SL, Sri Lanka: Walawe River basin, Rakwana Ganga tributary: Suriyakanda, 6°26'59"N 80°37'10"E, 980 m asl, coll. S. Udugampala & R. Krishantha, 3 June 2013.

WHT 9712, 11 ex, 28.2-32.0 mm SL, Sri Lanka: Walawe River basin, Rakwana Ganga tributary: Suriyakanda, 6°26'59"N 80°37'10"E, 980 m asl, coll. R. Krishantha, 9 Feb 2012.

WHT 9720, 4 ex, 25.3-35.3 mm SL, Sri Lanka: Walawe River basin, Rakwana Ganga tributary: Suriyakanda, 6°26'59"N 80°37'10"E, 980 m asl, coll. R. Krishantha, 3 May 2012.

Type status: **There is some discrepancy between the type material mentioned by Batuwita et al. (2013) and what is deposited in the NMSL.** Sudasinghe et al. 2018 states: "What is more, the type material of '*R. rohani*' declared by Batuwita, De Silva & Edirisinghe (2013) to be lodged in National Museum of Sri Lanka is discrepant with the specimens present in NH. The holotype specimen, according to Batuwita, De Silva & Edirisinghe (2013), measures 34.0 mm SL and was collected by S. Udugampala and R. Krishantha on 3 June 2013. The specimen catalogued as being the holotype of *R. rohani* (**2013.22.01 NH**), however, measures 32.0 mm SL and has been collected by S. Batuwita and S. Udugampala on 2 June 2012. There is a further uncatalogued specimen of '*R. rohani*' labeled 'holotype', which measures 32.2 mm SL and has been collected by S. Udugampala and R. Krishantha on 1 July 2013. Similarly, the 11 paratypes of '*R. rohani*' catalogued as **2013.24.01 NH-2013.24.11 NH** measure 23.2-29.3 mm SL and have the same collector and date of collection as 2013.22.01 NH (the specimen presently registered as the holotype). According to Batuwita, De Silva & Edirisinghe (2013), WHT 9712 included 11 paratypes which measure 28.2-32.0 mm SL and were collected by R. Krishantha on 9 Feb 2012. The NH collection has in addition, two uncatalogued specimens of '*R. rohani*' labeled 'paratypes', which measure 28.9-29.3 mm SL and were collected by S Udugampala and R Krishantha on 1 July 2013. Given the differences in the sizes, dates and collectors between those declared in Batuwita, De Silva & Edirisinghe (2013) and those actually registered at NH, it is impossible to identify with certainty the name-bearing type of *R. rohani*." Another presumed holotype, 32.5 mm SL as *Rasboroides* sp. from the same locality but without a catalog number present.

References:

- Batuwita, S., de Silva, M., & Edirisinghe, U. (2013) A review of the danionine genera *Rasboroides* and *Horadandia* (Pisces: Cyprinidae), with description of a new species from Sri Lanka. *Ichthyological Exploration of Freshwaters*, 24: 121-140.
- Sudasinghe, H., Herath, J., Pethiyagoda, R., & Meegaskumbura, M. (2018) Undocumented translocations spawn taxonomic inflation in Sri Lankan fire rasboras (Actinopterygii, Cyprinidae). *PeerJ*, 6, e6084.



Figure 27. 2013.22.01 NH, *Rasboroides rohani*, 32.0 mm SL, presumed holotype

39. *Devario udenii* Batuwita, de Silva & Udugampala 2017

Species status: synonym of *Devario micronema* (Bleeker 1863): Sudasinghe et al. (2019)

Holotype (Based on Batuwita et al. 2017): **NMSL WHT 9806 (2017.26.01.NH)**: see Sudasinghe et al. 2019), 58.2 mm SL; Sri Lanka: Gin River basin, Udugama Ela (stream), Homadola, 6°13'N 80°20'E, S. Batuwita & S. Udugampala, 23 Feb 2012.

Paratypes (Based on Batuwita et al. 2017): **NMSL WHT 9807 (2017.27.01.NH)**: see Sudasinghe et al. 2019), 9 ex, 49.5-68.1 mm SL, same collection data as holotype.

Type status: **holotype and paratypes present**. Based on Sudasinghe et al (2019): “Batuwita et al. declared 9 paratypes of *Devario udenii* (NMSL WHT 9807), ranging from 49.5-68.1 mm SL: however, only 7 specimens measuring 44.7–60.7 mm SL are accessioned in NMSL under registration number **2017.27.01.NH**. The remaining two paratypes are missing. The NMSL accession number for WHT 9806, the holotype of *Devario udenii*, is **2017.26.01.NH**”. However, there are 9 ex in **2017.27.01.NH** measuring 44.7-61.9 mm SL: 5 ex preserved in alcohol (specimens shrunk), while 4 ex preserved in formalin and then transferred to alcohol.



Figure 28. 2017.26.01.NH, *Devario udenii*, 58.2 mm SL, holotype

References:

- Batuwita, S., de Silva, M., & Udugampala, S. (2017) A review of the genus *Devario* in Sri Lanka (Teleostei: Cyprinidae), with description of two new species. *FishTaxa*, 2: 156-179.
- Sudasinghe, H., & Pethiyagoda, R. (2019) A commentary on the taxonomic review of Sri Lankan *Devario* by Batuwita et al. 2017 (Teleostei: Danionidae). *Zootaxa*, 4543: 421-430.
- Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) Evolution of Sri Lanka's Giant Danios (Teleostei: Cyprinidae: *Devario*): teasing apart species in a recent diversification. *Molecular Phylogenetics and Evolution*, 149: 106853.

40. ***Devario annataliae*** Batuwita, de Silva & Udugampala 2017

Species status: synonym of *Devario micronema* (Bleeker 1863): Sudasinghe et al. (2020)

Holotype (Based on Batuwita et al. 2017): **NMSL WHT 9811 (2017.29.01.NH:** see Sudasinghe et al. 2019), 66.3 mm SL, Sri Lanka: Gin River basin, Brahmana Ella falls in Sinharaja World Heritage Site, near Lankagama, 06°22'29.1"N 80°27'11.7"E, R. Krishantha, 2 Jan 2011.

Paratypes: **NMSL WHT 9812 (2017.30.01.NH:** see Sudasinghe et al. 2019), 11 ex, 48.6-64.3 mm SL; same collection data as holotype.

Type status: **Presumed holotype and paratypes present.** Based on Sudasinghe et al (2019): "The standard length of the holotype of *Devario annataliae* (NMSL WHT 9811) is given as 66.3 mm by Batuwita et al. but the specimen deposited in NMSL under this accession measures only 62.6 mm SL; its registration number is **2017.29.01.NH**. It appears therefore that the specimen now accessioned as the holotype is not the specimen designated as holotype by Batuwita et al. These authors also declared 11 paratypes of *Devario annataliae* (NMSL WHT 9812) in the range 48.6-64.3 mm SL, but only 9 specimens, ranging from 41.1-57.4 mm SL are accessioned under this lot, the registration number of which is **2017.30.01.NH**. This discrepancy adds confidence to our conjecture that the specimens deposited as 2017.29.01.NH and 2017.30.01.NH as the types of *D. annataliae* cannot be the specimens reported on by Batuwita et al."



Figure 29. 2017.29.01.NH, *Devario annataliae*, 62.6 mm SL, presumed holotype

References:

- Batuwita, S., de Silva, M., & Udugampala, S. (2017) A review of the genus *Devario* in Sri Lanka (Teleostei: Cyprinidae), with description of two new species. *FishTaxa*, 2: 156-179.
- Sudasinghe, H., & Pethiyagoda, R. (2019) A commentary on the taxonomic review of Sri Lankan *Devario* by Batuwita et al. 2017 (Teleostei: Danionidae). *Zootaxa*, 4543: 421-430.

Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) Evolution of Sri Lanka's Giant Danios (Teleostei: Cyprinidae: *Devario*): teasing apart species in a recent diversification. *Molecular Phylogenetics and Evolution*, 149: 106853.

41. *Devario monticola* Batuwita, de Silva & Udugampala 2017

Species status: valid as *Devario monticola* Batuwita, de Silva & Udugampala 2017: Sudasinghe et al. 2020

Non-types (Based on Batuwita et al. 2017):

WHT 5350, 52.6 mm SL (male), Sri Lanka: Mahaweli River basin, Agra Oya, near Torrington Estate, Agarapatana, 6°51'51.7"N 80°42'11.4"E, 1200 m asl, coll. S. Batuwita, S.V. Nanayakkara, 27 May 2001.

NMSL WHT 5350, 4 ex, 51.5-56.9 mm SL (females), Sri Lanka: Mahaweli River basin, Agra Oya, near Torrington Estate, Agarapatana, 6°51'51.7"N 80°42'11.4"E, 1200 m asl.

NMSL WHT 9813, 5 ex, 67.3-73.7 mm SL (females), Sri Lanka: Mahaweli River basin, Agra Oya, near Torrington Estate, Agarapatana, 6°51'51.7"N 80°42'11.4"E, 1200 m asl, S.V. Nanayakkara, 3 Mar 2013.

Type status: **There is some discrepancy between the type material mentioned by Batuwita et al. (2017) and what is deposited in the NMSL.** Sudasinghe et al (2019) states: "WHT 5350 (1 ex., 52.6 mm SL) and NMSL WHT 9813 (5 ex., 67.3–73.7 mm SL) could not be located in NMSL. The specimens of *Devario monticola* deposited in NMSL (WHT 5350, 4 ex., females) are stated by Batuwita et al. to measure 51.5–56.9 mm SL, but those accessioned under this number in NMSL measure 64.2–69.6 mm SL and hence cannot be the same as those examined by Batuwita et al. The NMSL collection contains a second jar labelled WHT 5350 (which is not, however, registered), which contains three male (51.0–55.4 mm SL) and three female (45.8–59.8 mm SL) examples that are evidently representatives of the species assigned by Batuwita et al. to *D. monticola*. Their discrepant sizes suggest, however, that they too cannot have been the specimens measured by Batuwita et al."



Figure 30. *Devario monticola*, non-types: **A-B**, WHT 5350, registered; **C-D**, WHT 5350, unregistered: **A**, 69.6 mm SL; **B**, 64.2 mm SL; **C**, 55.4 mm SL; **D**, 59.8 mm SL

References:

- Batuwita, S., de Silva, M., & Udugampala, S. (2017) A review of the genus *Devario* in Sri Lanka (Teleostei: Cyprinidae), with description of two new species. *FishTaxa*, 2: 156-179.
- Sudasinghe, H., & Pethiyagoda, R. (2019) A commentary on the taxonomic review of Sri Lankan *Devario* by Batuwita et al. 2017 (Teleostei: Danionidae). *Zootaxa*, 4543: 421-430.
- Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) Evolution of Sri Lanka's Giant Danios (Teleostei: Cyprinidae: *Devario*): teasing apart species in a recent diversification. *Molecular Phylogenetics and Evolution*, 149: 106853.

42. ***Mystus nanus*** Sudasinghe, Pethiyagoda, Maduwage & Meegaskumbura 2016

Species status: valid as ***Mystus nanus*** Sudasinghe, Pethiyagoda, Maduwage & Meegaskumbura 2016

Holotype: **2015.12.01.NH**, 48.2 mm SL, Sri Lanka: Bolgoda River basin, stream at Mawathgama, 6°49'N 80°00'E, 16 m asl, coll. H. Sudasinghe, 30 Dec 2014.

Paratypes: **2015.13.01.NH**, **2015.13.02.NH**, **2015.13.03.NH**, 3 ex, 42.4-44.0 mm SL, Sri Lanka: Bolgoda River basin, stream at Mawathgama, 6°49'N 80°00'E, 16 m asl, coll. H. Sudasinghe, 30 Dec 2014.

Type status: **holotype and paratypes present.**



Figure 31. 2015.12.01.NH, *Mystus nanus*, 48.2 mm SL, holotype

References:

- Sudasinghe, H., Pethiyagoda, R., Maduwage, K., & Meegaskumbura, M. (2016) *Mystus nanus*, a new striped catfish from Sri Lanka (Teleostei: Bagridae). *Ichthyological Exploration of Freshwaters*, 27: 163-172.

43. ***Ompok argestes*** Sudasinghe & Meegaskumbura 2016

Species status: valid as *Ompok argestes* Sudasinghe & Meegaskumbura 2016

Holotype: **2016.04.01.NH**, 147 mm SL, Sri Lanka: Bentara River basin, Mathugama, coll. H. Sudasinghe, Apr 2015.

Paratypes:

2016.05.01.NH, 1 ex, 110 mm SL, Sri Lanka: Bentara River basin, Mathugama, coll. H. Sudasinghe, Apr 2015.

2016.05.02.NH, 1 ex, 92.5 mm SL, Sri Lanka: Kelani River basin, Karawanella, coll. H. Sudasinghe, Jan 2015.

Type status: **holotype and paratypes present.**



Figure 32. 2016.04.01.NH, *Ompok argestes*, 147 mm SL, holotype

References:

Sudasinghe, H., & Meegaskumbura, M. (2016) *Ompok argestes*, a new species of silurid catfish endemic to Sri Lanka (Teleostei: Siluridae). *Zootaxa*, 4158: 261-271.

44. *Schistura madhavai* Sudasinghe 2017

Species status: valid as *Schistura madhavai* Sudasinghe 2017

Holotype: **2017.02.01.NH**, 49.7 mm SL, Sri Lanka: Walawe River basin, Suriyakanda, 6°27'02"N 80°37'01"E, 1000 m asl, coll. H. Sudasinghe, Nov 2015.

Paratypes:

2017.03.01.NH, 55.3 mm SL, Sri Lanka: Walawe River basin, Suriyakanda, 6°27'02"N 80°37'01"E, 1000 m asl, coll. H. Sudasinghe, Nov 2015.

2017.03.02.NH, 45.8 mm SL, Sri Lanka: Walawe River basin, Suriyakanda, 6°27'02"N 80°37'01"E, 1000 m asl, coll. H. Sudasinghe, Jul 2016.

Type status: **holotype and paratypes present.**



Figure 33. 2017.02.01.NH, *Schistura madhavai*, 49.7 mm SL, holotype

References:

Sudasinghe, H. (2017) *Schistura madhavai*, a new species of hill-stream loach from Sri Lanka, with redescription of *S. notostigma* (Teleostei: Nemacheilidae). *Zootaxa*, 4311: 96-110.

45. ***Schistura scripta*** Sudasinghe 2018

Species status: valid as *Schistura scripta* Sudasinghe 2017

Holotype: **NH 2018.4.1**, 42.5 mm SL, Sri Lanka: Gin River basin, Seethala Dola, Nakiyadeniya Estate, 6°09'06"N 80°18'36"E, 83 m asl, coll. H. Sudasinghe, Dec 2017.

Paratypes: **NH 2018.3.1, NH 2018.3.2, NH 2018.3.3**, 3 ex, 32.7–41.7 mm SL, Sri Lanka: Gin River basin, Seethala Dola, Nakiyadeniya Estate, 6°09'06"N 80°18'36"E, 83 m asl, coll. H. Sudasinghe, Dec 2017.

Type status: **holotype and paratypes present.**



Figure 34. NH 2018.4.1, *Schistura scripta*, 42.5 mm SL, holotype

References:

Sudasinghe, H. (2018). A new species of *Schistura* (Teleostei: Nemacheilidae) from the southwestern lowlands of Sri Lanka. *Zootaxa*, 4422: 478-492.

46. ***Labeo heladiva*** Sudasinghe, Ranasinghe, Goonatilake & Meegaskumbura 2018

Species status: valid as *Labeo heladiva* Sudasinghe, Ranasinghe, Goonatilake & Meegaskumbura 2018

Holotype: **2018.08.01.NH**, 134 mm SL, Sri Lanka: Attanagalu Oya basin, Uruwal Oya, 7°03'09"N 80°03'09"E, 17 m asl, coll. H. Sudasinghe and R.H.T. Ranasinghe, Apr 2017.

Type status: **holotype present.**

References:

Sudasinghe, H., Ranasinghe, R. H. T., Goonatilake, S. de A., & Meegaskumbura, M. (2018) A review of the genus *Labeo* (Teleostei: Cyprinidae) in Sri Lanka. *Zootaxa*, 4486: 201-235.



Figure 35. 2018.08.01.NH, *Labeo heladiva*, 134 mm SL, holotype

47. *Devario memorialis* Sudasinghe, Pethiyagoda & Meegaskumbura 2020

Species status: *Devario memorialis* Sudasinghe, Pethiyagoda & Meegaskumbura 2020

Holotype: **2020.03.06.NH**, 54.9 mm SL, Sri Lanka: Ma Oya basin, Aranayake, 7°08'14"N 80°28'18"E, 238 m asl, H. Sudasinghe, May 2015.

Paratypes: **2020.03.07.NH–10.NH**, 4 ex, 46.6–52.6 mm SL, Sri Lanka: Ma Oya basin, Aranayake, 7°08'14"N 80°28'18"E, 238 m asl, H. Sudasinghe, May 2015.

Type status: **holotype and paratypes present.**



Figure 36. 2020.03.06.NH, *Devario memorialis*, 54.9 mm SL, holotype

References:

Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) Evolution of Sri Lanka's Giant Danios (Teleostei: Cyprinidae: *Devario*): teasing apart species in a recent diversification. *Molecular Phylogenetics and Evolution*, 149: 106853.

48. *Laubuka hema* Sudasinghe, Pethiyagoda & Meegaskumbura 2020

Species status: valid as *Laubuka hema* Sudasinghe, Pethiyagoda & Meegaskumbura 2020

Holotype: **2020.03.01.NH**, 55.5 mm SL, Sri Lanka: Gal Oya basin, Nilgala, 7°13'05"N 81°21'32"E, 194 m asl, H. Sudasinghe, Feb 2017.

Paratypes:

2020.03.02.NH, 1 ex, 51.6 mm SL, Sri Lanka: Gal Oya basin, Nilgala, 7°13'05"N 81°21'32"E, 194 m asl, H. Sudasinghe, Feb 2017.

2020.03.03.NH, 1 ex, 49.9 mm SL, Sri Lanka: Gal Oya basin, enroute Kotagama, 7°08'54"N 81°10'17"E, 294 m asl, H. Sudasinghe et al., Dec 2018.

2020.03.04.NH, **2020.03.05.NH**, 2 ex, 54.0-55.0 mm SL, Sri Lanka: Gal Oya basin, Kotagama, 7°07'54"N 81°10'54"E, 289 m asl, H. Sudasinghe et al., Dec 2018.

Type status: **holotype and paratypes present.**



Figure 37. 2020.03.01.NH, *Laubuka hema*, 55.5 mm SL, holotype

References:

Sudasinghe, H., Pethiyagoda, R. & Meegaskumbura, M. (2020) A molecular phylogeny of the genus *Laubuka* (Teleostei: Cyprinidae) in Sri Lanka reveals multiple origins and a cryptic species. *Systematics & Biodiversity*. 18: 592-613.

49. ***Rasbora adisi*** Sudasinghe, Pethiyagoda, Ranasinghe, Raghavan, Dahanukar & Meegaskumbura 2020

Species status: valid as *Rasbora adisi* Sudasinghe, Pethiyagoda, Ranasinghe, Raghavan, Dahanukar & Meegaskumbura 2020

Holotype: **2020.04.01.NH**, 76.7 mm SL, Sri Lanka: Gal Oya basin, Kotagama, 7°07'54"N 81°10'54"E, 289 m asl, H. Sudasinghe et al., Dec 2018.

Paratypes:

2020.04.02.NH, 1 ex, 69.8 mm SL, Sri Lanka: Gal Oya basin, Kotagama, 7°07'54"N 81°10'54"E, 289 m asl, H. Sudasinghe et al., Dec 2018.

2020.04.03.NH, 1 ex, 59.4 mm SL, Sri Lanka: Gal Oya basin, Ibbanna Oya, near Lunugala, 7°03'54"N 81°12'18"E, 687 m asl, Mar 2018.

2020.04.04.NH, 1 ex, 50.1 mm SL, Sri Lanka: Kumbukkan Oya basin, Bellan Oya, 6°56'44"N 81°17'14"E, 201 m asl, Dec 2018.

2020.04.05.NH, 1 ex, 54.5 mm SL, Sri Lanka: Menik River basin, Yudaganawa tank, Buttala, 6°45'35"N 81°13'31"E, 162 m asl, Dec 2018.

Type status: **holotype and paratypes present.**

References:

Sudasinghe, H., Pethiyagoda, R., Ranasinghe, R. H. T., Raghavan, R., Dahanukar, N. & Meegaskumbura, M. (2020). A molecular phylogeny of the freshwater-fish genus *Rasbora* (Teleostei: Cyprinidae) in Sri Lanka reveals a remarkable diversification—and a cryptic species. *Journal of Zoological Systematics and Evolutionary Research*. 00: 1-35. <https://doi.org/10.1111/jzs.12395>



Figure 38. 2020.04.01.NH, *Rasbora adisi*, 76.7 mm SL, holotype

50. *Dawkinsia austellus* Katwate, Marcus Knight, Anoop, Raghavan & Dahanukar 2020

Species status: valid as *Dawkinsia austellus* Katwate, Marcus Knight, Anoop, Raghavan & Dahanukar 2020

Holotype: BNHS FWF 750

Paratypes: **WHT 296**, 1 ex, 105 mm SL (based on photograph with a scale), India: Kerala, Panamakulam, 26 km from Chalakudy on Valparai road, Chalakudy River, 10°17'31.2"N 76°26'02.4"E, 133 m asl, coll. R. Pethiyagoda, 27th April 1992.

Type status: **Paratype present**. Katwate et al. (2020) designated the paratype of *Dawkinsia austellus* (WHT 296) based on examining a photograph (fig. 7C in Katwate et al. 2020). However, WHT 296 contains four specimens. The specimen corresponding to the photograph fig. 7c in Katwate et al. 2020 measures 111 mm SL. The other three specimens measure 68.4-84.5 mm SL and represent *Dawkinsia lepida*.



Figure 39. WHT 296, *Dawkinsia austellus*, 105 mm SL, paratype

References:

Katwate, U., Knight, J. D. M., Anoop, V. K., Raghavan, R., & Dahanukar, N. (2020) Three new species of filament barbs of the genus *Dawkinsia* (Teleostei: Cyprinidae) from the Western Ghats of India. *Vertebrate Zoology*, 70: 207-233.

51. '*Pseudosphromenus rufus*'

Species status: invalid name with no publication. Non-types of *Pseudosphromenus cupanus*

'Holotype': **2015.14.01.NH**, 34.1 mm SL, Sri Lanka: Kelani River basin, small stream adjacent to a paddy field, Habarakada, 6°52'N 80°39'E, coll. H. Sudasinghe

'Paratypes': **2015.15.01.NH**, **2015.15.02.NH**, 2 ex, 25.6–26.1 mm SL, Sri Lanka: Bolgoda River basin, stream at Mawathgama, 6°49'N 80°00'E, coll. H. Sudasinghe

Type status: This is not a valid taxon and there is no publication referring to these specimens. Therefore, the designated types are invalid and these specimens are non-types of *Pseudosphromenus cupanus*