



SPECIES OF THE ORDER TRICHOPTERA REPRESENTED IN THE NATIONAL ZOOLOGICAL COLLECTION OF THE ZOOLOGICAL SURVEY OF INDIA, KOLKATA

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The Order Trichoptera includes a total of 13,574 species, 308 subspecies in 609 genera under 47 families known over the world (Morse, 2011). Sharma and Chandra (2010) listed 1046 species / subspecies belonging to 94 genera and 27 families occurring in India. Of the Indian trichopterans, 166 species/subspecies under 33 genera and 15 families represented in the National Zoological Collection of the Zoological Survey of India have been catalogued. This collection also includes type specimens referring to Type (2 spp.), Type series (2 spp.), Holotypes (9 spp.), Allotypes (2 spp.) and Paratypes (77 spp.) of 86 species/subspecies. The classification and nomenclature have been followed after Morse (2012).

Order TRICHOPTERA Kirby, 1813
Superfamily PSCHOMYIOIDEA Ivanov, 2002
A. Family DIPSEUDOPSIDAE Ulmer, 1904
Subfamily DIPSEUDOPSINAE Ulmer, 1904

I Genus *Dipseudopsis* Walker, 1852

1. *Dipseudopsis doehleri* Ulmer, 1929

India: Meghalaya: West Garo Hills, Kherapara, P.W.D.I.B. (2 exs).

2. *Dipseudopsis indica* McLachlan, 1875

India: Meghalaya: East Garo Hills, Tasek, F.R.H., Sangsok (3exs); West Garo Hills, Kherapara, P.W.D.I.B. (3 exs).

3. *Dipseudopsis triclavata* Martynov, 1935

India: Meghalaya: West Garo Hills, Shibbari, (2 exs).

Scientist -C (Retired)

Subfamily HYALOPSYCHINAE Lestage, 1925

II Genus *Hyalopsyche* Ulmer, 1904

4. *Hyalopsyche sachalinica* Martynov, 1910
(Syn. *Hyalopsyche parsula* Martynov, 1935)

India: Meghalaya: East Garo Hills, Tasek, F.R.H.I.B., Sangsok (2 exs); West Garo Hills, Shibbari, F.R.H.I.B. (1ex).

B. Family POLYCENTROPODIDAE
Ulmer, 1903

Subfamily POLYCENTROPODINAE
Ulmer, 1903

III Genus *Plectrocnemia* Stephens, 1836

5. *Plectrocnemia obliquofasciata*
Martynov, 1935

India: Uttarakhand, Garhwal, Pandukeswar, 5,500 ft (1 ex); Almora, Dhakwani, 11,000ft (1 ex); Garhwal, Vacham, 6,500 ft (1 ex). West Bengal: Darjiling (2 exs).

Superfamily HYDROPSYCHOIDEA
Curtis, 1835

C. Family HYDROPSYCHIDAE
Curtis, 1835

Subfamily ARCTOPSYCHINAE
Martynov, 1924

IV Genus *Arctopsyche* McLachlan, 1868

6. *Arctopsyche lobata* Martynov, 1930

India: West Bengal: Darjiling, 2000 ft. (3 exs).

Subfamily DIPLECTRONINAE Ulmer, 1951

V Genus *Diplectrona* Westwood, 1840

7. *Diplectronea marginata* (Betten, 1909)
India: Uttarakhand: Garhwal, Khumyara, 4,000 ft (10 exs). West Bengal: Darjiling (1ex), Kurseong, (1ex).
8. *Diplectronea orientalis* (Betten, 1909)
(Syn. *Hydromanicus orientalis* Betten, 1909)
(Type)
India: West Bengal: Darjiling, Kurseong (1 ex).
Subfamily HYDROPSYCHINAE Curtis, 1935
VI Genus *Cheumatopsyche* Wallengren, 1891
9. *Cheumatopsyche columnata* Martynov, 1935
India: Meghalaya: East Garo Hills, Tasek, F.R.H.I.B., Sangsok (1 ex).
10. *Cheumatopsyche truncata* Martynov, 1935
India: Meghalaya: East Garo Hills, Tasek, F.R.H.I.B. (1ex); West Garo Hills, Tura, 1200-1500 ft (2 exs).
VII Genus *Hydromanicus* Brauer, 1865
11. *Hydromanicus spatulatus* Martynov, 1935
(Syn. *Hydatopsyche spatulata* Martynov, 1935)
India: Meghalaya: West Garo Hills, Shibbari P.W.D.I.B. (2 exs).
12. *Hydromanicus luctuosus* Ulmer, 1905
(Syn. *Hydromanicus truncatus* Betten, 1909)
India: Uttarakhand: Mandoli, 8,000 ft. (1 ex.). West Bengal, Darjiling (5 exs), Ghumti (1 ex), Sureil, 5000 ft. (1 ex), Kurseong, 1700 ft (1 ex),
VIII Genus *Hydropsyche* Pictet, 1834
13. *Hydropsyche indica* Betten, 1909
India: West Bengal: Darjiling, Reyang, F. R. H. Compound (11 exs), Kurseong (2 exs).
14. *Hydropsyche kaznakovi* Martynov, 1915
India: Uttarakhand: Knert Pass, 12,000 ft (1 ex); Kholara, 11,000 ft (1 ex); Garhwal Jelam, 9,000 ft (2 exs). West Bengal: Darjiling, Rangpo, F.R.H., 5,000 ft. (6 exs), 500m (5 exs), Kalimpong Agricultural Seed Farm (2 exs).
Subfamily MACRONEMATINAE Ulmer, 1905
TRIBE MACRONEMATINI Ulmer, 1905
IX Genus *Amphipsyche* McLachlan, 1872
15. *Amphipsyche bengalensis* Martynov, 1935
India: West Bengal: Kolkata (2 exs).
16. *Amphipsyche extrema* (Martynov, 1935)
(Syn. *Amphipsychella extrema* Martynov, 1935)
India: Meghalaya: East Garo Hills, Tasek, F.R.H.I.B., Sangsok (3 exs).
17. *Amphipsyche meridiana* Ulmer, 1909
(Syns. *Amphipsyche indica* Martynov, 1935; *Amphipsyche tricalcarata* Martynov, 1935)
India: Meghalaya: East Garo Hills, Tasek, F.R.H.I.B. (11 exs); West Garo Hills, Tura, 290m (5 exs). Uttar Pradesh: Almora, Dawli, 10,500 ft. (1 ex.); Mandoli, 8,000 ft. (1 ex.). Uttarakhand: Khumyara, 4,000 ft (1 ex); Malari, 10,000 ft (1 ex). West Bengal: Bankura, Mukutmanipur (39 exs).
X Genus : *Macrostemum* Kolenati, 1859
18. *Macrostemum fastosum bifasciatum* (Martynov, 1935)
(Syn. *Macronema fastosum bifasciatum* Martynov, 1935)
India: West Bengal: Darjiling: Poshok, 2000 ft (1ex).
19. *Macrostemum fastosum fastosum* (Walker, 1852)
(Syn. *Macronema fastosum fastosum* Walker, 1852)
India: West Bengal: Darjiling, Kurseong (2 exs).
20. *Macrostemum pseudoneura* (Brauer, 1865)
(Syn. *Macronema pseudoneura* Brauer, 1865)
India: Karnataka: Mysore, Shimoga District, Bhadravati (1ex). West Bengal: Jalpaiguri, Chelapata (1ex).
- XI Genus *Pseudoleptonema* Mosely, 1933,
21. *Pseudoleptonema quinquefasciatum* (Martynov, 1935)
(Syn. *Macronema quinquefasciatum* Martynov, 1935)
India: Uttarakhand: Rishikesh, 1200 ft (1 ex); Manghat, 3,800 ft (5 exs).
- TRIBE POLYMORPHINISINI Lestage, 1936
XII Genus *Aethaloptera* Brauer, 1875
22. *Aethaloptera gracilis* (Martynov, 1935)
(Syn. *Paraethaloptera gracilis* Martynov, 1935)
India: Meghalaya: East Garo Hills, Tasek, F.R.H.I.B., Sangsok (1ex). West Bengal: Birbhum, Mallarpur, (1 ex).

23. *Aethaloptera sexpunctata* (Kolenati, 1859)
 India: Meghalaya: West Garo Hills, Shibbari, P.W.D.I.B. (6 exs). West Bengal: Darjiling, 2123 m (1 ex); Murshidabad, Azimganj (1 ex), Jangipur (1 ex); Bardhaman, Bolgana (1 ex); West Dinajpur, Raiganj, Kod Gram (1 ex); Malda, Sahapur (1 ex).
 Superfamily : GLOSSOMATOIDEA
 Wallengren, 1891
 D. Family : GLOSSOMATIDAE Wallengren, 1891
 Subfamily : AGAPETINAE Martynov, 1913
 XIII. Genus : *Agapetus* Curtis, 1834
 24. *Agapetus triangularis* Martynov, 1935
 India: Uttarakhand: Dehradun, Rishikesh, 1200 ft (1 ex).
 Subfamily : GLOSSOSOMATINAE Wallengren, 1891
 TRIBE GLOSSOSOMATINI Wallengren, 1891
 XIV. Genus : *Glossosoma* Curtis, 1834
 25. *Glossosoma atchintitam* Schmid, 1971 (Paratype)
 India: Uttarakhand: Tehri, Juladi, 3500 ft. (1 ex).
 26. *Glossosoma fissum* Martynov, 1935
 India: Meghalaya: Shillong, Risa Colony (1 ex). West Bengal: Darjiling, Ghoombhanjan, 7000 ft., Youth Hostel (2 exs).
 Superfamily : LEPTOCEROIDEA Leach, 1815
 E. Family : CALAMOCERATIDAE Ulmer, 1905
 Subfamily : ANISOCENTROPODINAE Lestage, 1936
 XV Genus : *Anisocentropus* McLachlan, 1863
 27. *Anisocentropus salsus* (Betten, 1909) (Syn. *Ganonema salsum* Betten, 1909)
 India: Assam: Bhairakund (1 ex). Uttarakhand: Kumaon Hills (4 exs), Ukhul (1 ex).
 Subfamily : CALAMOCERATINAE Ulmer, 1905
 XVI Genus : *Ganonema* McLachlan, 1866
 28. *Ganonema fuscipenne* (Albarda, 1881) (Syns. *Asotocerus fuscipenne* Albarda, 1881; *Ganonema brunneum* Ulmer, 1905)
 India: Assam: Sibsagar (1ex). Himachal Pradesh: Kulu (2exs). Uttarakhand: Kumaon Hills (1 ex).
 29. *Ganonema sinuatum* (Martynov, 1936) (Syn. *Asotocerus sinuatus* Martynov, 1936)
 India: Tamil Nadu: Nilgiri Hills (1 ex).
 F. Family : LEPTOCERIDAE Leach, 1815
 Subfamily : LEPTOCERINAE Leach, 1815
 TRIBE LEPTOCERINI Leach, 1815
 XVII Genus : *Leptocerus* Leach, 1815
 30. *Leptocerus distinguendus* Kirschbaum, 1868
 India: Uttarakhand: Garhwal, Trijugarayan, 7500 ft (1 ex).
 TRIBE NECTOPSYCHINI Morse, 1981
 XVIII Genus : *Parasetodes* McLachlan, 1880
 31. *Parasetodes respersellus* (Rambur, 1842) [Syn. *Parasetodes respersella* (Rambur, 1842)]
 India: Meghalaya: East Garo Hills, Rongrengiri F.R.H. (10 exs); West Garo Hills, Shibbari P.W.D.I.B. (8 exs).
 TRIBE OECITINI Silfvenius, 1905
 XIX Genus : *Oecetis* McLachlan, 1877
 32. *Oecetis indivisa* (Martynov, 1936) (Syn. *Setodellina indivisa* Martynov, 1936)
 India: Meghalaya: East Garo Hills, I Km west of I. B. (2 exs).
 33. *Oecetis mahadeva* (Banks, 1913) (Syn. *Oecetina mahadeva* Banks, 1913)
 India: Meghalaya: East Garo Hills, I Km west of I. B. (1 ex).
 TRIBE TRIAENODINI Morse, 1981
 XX Genus : *Adicella* McLachlan, 1877
 34. *Adicella biramosa* Martynov, 1936
 India: Meghalaya: East Khasi Hills, Shillong Peak, 8400 ft (1ex); West Garo Hills: Kherapara (1ex).
 Subfamily : TRIPLECTIDINAE Ulmer, 1906
 TRIBE TRIPLECTIDINI Ulmer, 1906
 XXI Genus : *Triplectides* Kolenati, 1859
 35. *Triplectides magnus* (Walker, 1852)
 India: Bihar: Purnea District, Katihar (1ex). Meghalaya: East Garo Hills, Tasek, F. R. H., Sangsok (2 exs). West Bengal: Birbhum: Eaglegram Forest, Gopalpur (1 ex); Calcutta (now Kolkata) (2).

G. Family : LIMNOCENTROPIDIDAE Tsuda,
1942

XXII Genus *Limnocentropus* Ulmer, 1907

36. *Limnocentropus himalayanus*

Martynov, 1930

[Syn. *Limnocentropus insolitus himalayanus*
(Martynov, 1930)]

India: Uttarakhand: Mandoli, 8,000 ft (3 exs);
Panwali, Trifugenpass, 11,500 ft (2 exs);
Trijuginarayan, 7,500 ft (3 exs).

H. Family ODONTOCERIDAE

Wallengren, 1891

Subfamily ODONTOCERINAE

Wallengren, 1891

XXIII Genus *Marilia* Mueller, 1880

37. *Marilia mixta* (Hagen, 1858)

(Syn. *Molanna mixta* Hagen, 1858; *Marilia*
ceylanica Martynov, 1936)

India: Uttarakhand: Palwara, 4,300 ft (2 exs).
West Bengal: Darjiling, Singla, F.R.H. (1 ex).

Superfamily LIMNEPHILOIDEA Kolenati, 1848

I. Family GOERIDAE Ulmer, 1903

Subfamily LARCASINAE Navas, 1917

XXIV Genus *Larcasia* Navas, 1917

38. *Larcasia assamica* Schmid, 1965

(All Paratypes)

India: Manipur: Pushing (1 ex); Sirohikashong
(15 exs); Tangkhul (1 ex).

J. Family LIMNEPHILIDAE Kolenati, 1848

Subfamily LIMNEPHILINAE Kolenati, 1848

TRIBE PSEUDOSTENOPHYLACINI

Schmid, 1955

XXV Genus : *Pseudostenophylax*

Martynov, 1909

39. *Pseudostenophylax micraulax*

(McLachlan, 1878)

(Syn. *Stenophylax micraulax* McLachlan, 1878)

India: Uttarakhand: Chamroo, 14,000 ft. (7
exs.); Dhatkwani, 11,000 ft. (4 exs.); Gangria,
10,000 ft (7 exs), Ghastoli, 12,000 ft (2 exs);
Kedarnath, 11,500 ft. (1 ex); Khartooloma,
Kharyongra (1 ex); Magoochatti, 10,000 ft (1 ex);
Malari, 9,000 ft. (2 exs), 10,000 ft. (1 ex); Mana,
10,500 ft (4 exs); Tehri, Telhari, 3,500 ft (1 ex),

Ukhal, 9,000 ft (2 exs).

40. *Pseudostenophylax mitchelli* (Mosely, 1936)
(Syn. *Stenophylina mitchelli* Mosely, 1936)

India: Uttarakhand: Kedarnath, 11,500 ft (4
exs); Khartooloma, Kharyyonma, 17,800 ft (1 ex);
Mana, 10,500 ft (5 exs); Paudor, 8,000 ft (1 ex);
Shapuk, 13,000 ft. (4 exs).

Superfamily PHILOPOTAMOIDEA

Stephens, 1829

K. Family PHILOPOTAMIDAE Stephens, 1829

Subfamily PHILOPOTAMINAE Stephens, 1829

XXVI Genus *Dolophilodes* Ulmer, 1909

41. *Dolophilodes indica* Martynov, 1935

India: Uttarakhand: Kumaon Hills (1ex);
Pouri Garhwal, Mandoli, 8,000 ft (1 ex). West
Bengal: Darjiling (1ex).

Subfamily CHIMARRINAE Rambur, 1842

XXVII Genus *Chimarra* Leach, 1829

42. *Chimarra aberrans* Martynov, 1935

(Syn. *Chimarrha aberrans* Martynov, 1935)

India: West Bengal: Darjiling, Singla, Goke,
F.R.H. Compound (1 ex). Darjiling, (1 ex).

43. *Chimarra diaphana* Ghosh &

Chaudhury, 1998

India: West Bengal: Darjiling, Goomti near
Kurseong, 1250m, at light 1 ex (Holotype), 1 ex
(Allotype), 3 exs (Paratypes).

44. *Chimarra kumaonensis* Martynov, 1935

(Syn *Chimarrha kumaonensis* Martynov, 1935)

India: West Bengal: Darjiling, Hima Falls, 4
Km west of Ghoom, Hill Forest, 2150m (1 ex).

45. *Chimarra nepalensis* Kimmins, 1964

India: Uttarakhand: Badrinath, 10,000 ft (1
ex), Chandrapuri, 2,200 ft (1 ex), Dhaktala, 8,000 ft
(1 ex), Gangria, 10,000 ft (1 ex), Jelam, 9,000 ft (3
exs), Malari, 10,000 ft (2 exs).

46. *Chimarra reyangensis* Ghosh &

Chaudhury, 1998

India: West Bengal: Darjiling, Reyang, F.R.H.,
275m, 1 ex (Holotype), 1 ex (Allotype), 3 exs
(Paratypes).

- L. Family STENOPSYCHIDAE Martynov, 1924
Subfamily STENOPSYCHINAE
Martynov, 1924
XXVIII Genus *Stenopsyche* McLachlan, 1866
47. *Stenopsyche benaventi* Navas, 1934
(Syn. *Stenopsyche composita* Martynov, 1936)
India: Uttarakhand: Almora, Vacham, 6,500 ft. (1 ex).
48. *Stenopsyche griseipennis* McLachlan, 1866
(Syn. *Stenopsyche quadrilobata* Martynov, 1935)
India: Himachal Pradesh: Kulu (1 ex). Sikkim: Sikkim (4 exs). Tamil Nadu: Nilgiri Hills (22 exs). Uttarakhand: Dangchawra, 2,000 ft. (1 ex); Mana, 10,500 ft (2 exs). West Bengal: Darjiling (47 exs); Kalimpong (1 ex); Kurseong (2 exs); Reyang F.R.H. Compound (1 ex), 275m (1 ex); Singla, Goke F.R.H. Compound (1 ex), Goke F.R.H. Compound, Singla (1 ex); Tukdah F.R.H. Compound (2 ex), 7500 ft. (1 ex).
49. *Stenopsyche himalayana* Martynov, 1926
India: Uttarakhand: Ghastoli, 12,000 ft (2 exs), Jagroo, 17,000 ft (2 exs), Korai Pass, 12,000 ft (1 ex). Malari, 10,000 ft. (6 exs), Paudor, 8,000 ft (3 exs), Surraithota, 8,000 ft (5 exs), Saraswati, 15,000 ft (2 exs).
50. *Stenopsyche similis* Ulmer, 1927
[Syns. *Parastenopsyche montana* (Navas, 1932); *Parastenopsyche similis* (Ulmer, 1927)]
India: Uttarakhand: Rampur, 2,000 ft (4 exs). West Bengal: Darjiling, Singla, Goke, F.R.H. Compound (12 exs), Kurseong, 4700 ft. (1ex.). Punjab: Dalhousie, Kalatope Hills (1 ex).
51. *Stenopsyche splendida* Martynov, 1935
India: Meghalaya: East Khasi Hills, Cherrapunji (1 ex.). Sikkim: Gaysing (1 ex), Tarku (2 exs), Thanggou, 3750m (1 ex), Tumin, 1800m (1 ex). West Bengal: Darjiling, Reyang F. R. H. (2 exs); Singla, Goke, F.R.H. Compound (9 exs); Tukdah, F.R.H (2 exs). Uttarakhand: Garhwal, Gangria, 10,000 ft (2 exs); Manu, 10500 ft (1 ex); Rampur, 2,000 ft (4 exs).
Superfamily PHRYGANEIOIDEA Leach, 1815
M. Family LEPIDOSTOMATIDAE Ulmer, 1903
Subfamily LEPIDOSTOMATINAE Ulmer, 1903
XXIX Genus *Lepidostoma* Rambur, 1842
52. *Lepidostoma heterolepidium* (Martynov, 1936)
(Syn. *Indocrunoceia heterolepidia* Martynov, 1936) (Type)
India: West Bengal: Darjiling (1 ex).
53. *Lepidostoma latum* (Martynov, 1936)
(Syn. *Dinarthrum latum* Martynov, 1936)
India: West Bengal: Darjiling (1 ex).
54. *Lepidostoma punjabicum* (Martynov, 1936)
(Syn. *Dinarthrum punjabicum* Martynov, 1936)
India: Uttarakhand: Dehradun (1ex).
XXX Genus *Paraphlegopteryx* Ulmer, 1907
55. *Paraphlegopteryx composita* Martynov, 1936
(Syn. *Paraphlegopteryx compositus* Martynov, 1936)
India: Uttarakhand: Almora, Vacham, 6500 feet (1ex).
N. Family PHRYGANEIDAE Leach, 1815
Subfamily PHRYGANEINAE Leach, 1815
XXXI Genus *Eubasilissa* Martynov, 1930
56. *Eubasilissa maclachlani* (White, 1862)
India: West Bengal: Darjiling, 7000 ft (1 ex).
57. *Eubasilissa tibetana* Martynov, 1930
India: Uttarakhand: Almora, Ompata 2,500 ft. (1 ex); Chandrapuri 2,200 ft. (3 exs); Gardera, 9,500 ft. (1 ex). Panwali, Trifugenpass, 11,500 ft. (3 exs); Trijuginarayan 7,500 ft. (5 exs).
58. *Eubasilissa wigginsi* Ghosh & Chaudhury, 1987 (Holotype)
India: Uttarakhand: District Garhwal, Gangria, 10,000 ft. (1 ex).
Superfamily RHYACOPHILOIDEA
Stephens, 1836
O. Family RHYACOPHILIDAE Stephens, 1836
XXXII Genus *Himalopsyche* Banks, 1940
59. *Himalopsyche angnorbui* Schmid, 1963
India: Sikkim: Lachung (7 exs); Chachu (7 exs), Singha (5 exs). Uttarakhand: Pouri Garhwal, Kosa (1 ex.), Binaikchatti (4 exs), Nagtal (8 exs).

60. *Himalopsyche bhagirathi* Schmid, 1963
India: Uttaranchal: Pouri Garhwal, Badrinath (7 exs), Gangria (4 exs), Hanumanchatti (4 exs), Moussapari (1 ex), Nagtal (8 exs), Ukhral (1 ex).
61. *Himalopsyche digitata* (Martynov, 1935)
(Syn. *Rhyacophila digitata* Martynov, 1935)
India: Meghalaya: Khasi Hills, Dunpep (1ex). Sikkim: Chamlong (2 exs.), Chungjam (2 exs), Karpanong (1 ex). Uttarakhand: Pouri Garhwal, Dwali (1 ex.), Hanumanchatti (1 ex). West Bengal: Darjiling 6 exs (Type series).
62. *Himalopsyche dolmasampa* Schmid, 1963
India: Sikkim: Banshal (1 ex), Changang (2 exs), Dolmasampa (50 exs), Rongsha (3 exs), Sasa (6 exs), Taling (1 ex), Thanggou, 3750 m (2 exs), Theulache (1 ex), Tongsing (5 exs), Yadang (3 exs), Zemp (4 exs).
63. *Himalopsyche gyamo* Schmid, 1963
India: Sikkim: Onglaktang (4 exs), Tikiachu (7 exs), Tongsing (8 exs).
64. *Himalopsyche hierophylax* Schmid, 1966
India: Uttarakhand: Pouri Garhwal, Badrinath (5exs), Kedarnath (9 exs).
65. *Himalopsyche horai* (Martynov, 1936)
(Syn. *Rhyacophila horai* Martynov, 1936)
India: Aunachal Pradesh: Amatulla, Kameng (4 exs), Gigaon (1 ex), Shergaon (2 exs). Punjab: Dalhousie, Punjpal Nallah, 1 ex (Holotype).
66. *Himalopsyche lanceolata* (Morton, 1900)
(Syn. *Rhyacophila lanceolata* Morton, 1900)
India: Manipur: Loni (1ex), Mapum (1ex), Margu (1ex), Marogi (2 exs), Mattibhang 1ex), Pal (1ex), Sirohikashong (1ex), Tangkhul, Hangdung (1ex). Sikkim: Lingtham (1ex).
67. *Himalopsyche lepcha* Schmid, 1963
(All Paratypes)
India: Sikkim: Yoksam (4 exs), Zamphuk 1 ex.
68. *Himalopsyche lungma* Schmid, 1963
(All Paratypes)
India: Uttarakhand: Pouri Garhwal, Saraswati (8 exs).
69. *Himalopsyche malenanda* Schmid, 1963
India: Sikkim: Bansbol (4 exs), Chamiteng (2 exs), Karpanong (1 ex), Lachen, 3500m (1 ex), Lachung (2 exs), Ramitag (1 ex), Tongsing (1 ex).
70. *Himalopsyche tibetana* (Martynov, 1930)
(Syn. *Rhyacophila tibetana* Martynov, 1930)
India: Sikkim: Chachu (2 exs), Chamlong (4 exs), Kaieg (1 ex), Namnasa (2 exs), Singha (3 exs), Tangau (2 exs), Yaktang (1 ex), Yamtang (2 exs).
71. *Himalopsyche todma* Schmid, 1963
India: Uttarakhand: Pauri Garhwal, Phulkia (3 exs).
72. *Himalopsyche yongma* Schmid, 1963
India: Sikkim: Tongsing (3 exs), Tikiachu (2 exs).
- XXXIII Genus : *Rhyacophila* Pictet, 1834
73. *Rhyacophila anatina* Morton, 1900
India: Meghalaya: Cherrapunji (2 exs), Mowpran (1 ex), U.J.K.H, Mowpran (1 ex). Serrarim (1 ex). Sikkim: Singbong (1 ex),
74. *Rhyacophila ancestralis* Martynov, 1935
India: Meghalaya: Dunpep, 3 exs (Types), Laitynghat (4 exs), Rumthang (3 exs).
75. *Rhyacophila aureomaculata* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Shergaon (6 exs); Bilola (3 exs), Domkho (4 exs), Kalaktang (1 ex), Moshing (2 exs), Nyukmadong (5 exs), Rupa (1 ex).
76. *Rhyacophila aureostigma* Schmid, 1970
(All Paratypes)
India: Sikkim Chachu (2 exs), Lathong (1 ex), Manu (2 exs), Nanga (1 ex), Rapham (1 ex), Teng (3 exs).
77. *Rhyacophila bhotia* Schmid, 1970
(All Paratypes)
India: Uttarakhand: Garhwal, Ampata (1 ex), Dangchawra (1 ex); Dobalgaon (8 exs), Duldhar (4 exs), Gery (1ex.); Gourikund (4 exs.); Jaspur (2 exs.), Katkor (1 ex); Khumyara (6 exs.); Paukhal (1ex.); Nogani (1 ex); Pouri Garhwal, Simra (1ex),

Rampur (1 ex.); Tehri, Gawana (1 ex.); Tapaban (1 ex.); Kumaon, Loharket (2 exs). Uttar Pradesh: Agra (2 exs).

78. *Rhyacophila bidens* Kimmins, 1953

India: Arunachal Pradesh: Dirang Dzong (7 exs), Kameng: Rahung (1 ex), Phutang (1 ex). Manipur: Hkyumboum (1 ex), Sirohikashong (2 exs). Sikkim: Bakhim (1 ex), Chunggam (1 ex), Lachung (3 exs), Namnasa (4 exs), Ramtang (5 exs), Singha (3 exs), Tang (2 exs), Uttare (3 exs), Yoksam (4 exs), Zamphuk (2 exs).

79. *Rhyacophila chandzo* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Jhumla (1 ex); Talung Dzong (1 ex).

80. *Rhyacophila changpa* Schmid, 1970
(All Paratypes)

India: Sikkim: Bakhim (2 exs).

81. *Rhyacophila chayulpa* Schmid, 1970
(All Paratypes)

India: Sikkim: Changpong (2 exs); Kambur (2 exs); Lingdok (1 ex); Lingtham (3 exs) Singhik (2 exs); Teng (2 exs); Yoksam (1 ex); Manu (1 ex).

82. *Rhyacophila chayulpa ringmo* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Dirang Dzong (2 exs).

83. *Rhyacophila chayulpa tsetangpa* Schmid,
1970
(All Paratypes)

India: Uttarakhand: Pouri Garhwal, Dogalbeta (4 exs); Tugnath (1 ex).

84. *Rhyacophila chembo* Schmid, 1970
(All Paratypes)

India: Sikkim: Arunachal Pradesh: Kameng, Amatulla (1 ex); Bomdila, (1 ex), Chug (2 exs); Jhumla (1 ex); Nyukmadong (2 exs); Rahung (3 exs); Shergapa (1 ex). Uttarakhand: Pouri, Dhar (1 ex).

85. *Rhyacophila chomoyuma* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Chug (1 ex). Manipur: Hkyumboum (4 exs).

86. *Rhyacophila choprai* Martynov, 1935
(Holotype)

India: Uttarakhand: Mussoorie (1 ex).

87. *Rhyacophila chumikpa* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Domkho (2 exs); Shergaon (1 ex).

88. *Rhyacophila chungse*
Schmid, 1970 (Paratype)

India: Arunachal Pradesh: Kameng, Amatulla (1 ex).

89. *Rhyacophila curvata* Morton, 1900

India: Meghalaya: U.J.K.H., Borghat (1 ex), Mowshin (1 ex), Muktapur (1 ex), Pynter (1 ex). Uttarakhand: Garhwal, Gangria, 10,000 ft (1 ex), Shapuk (1 ex).

90. *Rhyacophila dgaldanpa* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Chug (2 exs).

91. *Rhyacophila dilatata* Martynov, 1935

India: Himachal Pradesh: Shimla Hills, 1 ex (Holotype). Uttarakhand: Gangria, 10,000 ft (7 exs); Khartooloma, Kharyongra (1 ex), Magoochatti, 110,00 ft (1 ex); Pandor, 8,000 ft (1 ex); Ukhal, 9,000 ft (1 ex).

92. *Rhyacophila dolingpa* Schmid, 1970
(All Paratypes)

India: Meghalaya: U.J.K.H. Mowpran, (1 ex.); Shnongodong (2 exs), Syndai (1 ex), Taranblang (3 exs.); Tharauyang (1 ex), Umpuh (3 exs).

93. *Rhyacophila dongkyapa* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Amatulla (5 exs), Ankaling (1 ex); Bokhar (5 exs); Brukpatanchem (1 ex); Chug (1 ex.); Dirang Dzong (5 exs.); Kujlalong (2 exs); Langduar (3 exs); Nyukmadong, (2 exs), Rohung (4 exs); Rupa, (1 ex). Sikkim: Chongung (1 ex); Dethang (2 exs); Hi (24 exs); Lingdok (8 exs); Lingsaka (2), Lingtham (8 exs); Mangung (2 exs); Manu (3 exs); Nanga (3 exs); Nampung (2 exs); Ramtang (1 ex); Samdong (5 exs); Singbong (14 exs); Tang (3 exs); Yoksam (9

exs), Zamphuk (2 exs). West Bengal: Banglabazar (2 exs); Barahata (9 exs); Digha (1 ex).

94. *Rhyacophila drokpa drokpa* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Amatulla (1 ex). Manipur: Mapum (1 ex). Meghalaya: Shnongdong, (1 ex).

95. *Rhyacophila drokpa gurla* Schmid, 1970
(Paratype)

India: Uttarakhand: Garhwal, Tehri, Gawana (1 ex).

96. *Rhyacophila drosampa* Schmid, 1970
(All Paratypes)

India: Meghalaya: U.J.K.H. Mowpran (1 ex); Shnongdong (1 ex).

97. *Rhyacophila fletcheri* (Kimmins, 1952)
(Syn. *Trichophila fletcheri* Kimmins, 1952)

India: Sikkim: Lingdok (1 ex); Lingtham (3 exs), Mangung (1 ex), Tang (1 ex).

98. *Rhyacophila gelukpa* Schmid, 1970
(All Paratypes)

India: Arunachal Pradesh: Kameng, Chug (1 ex), Dirang Dzong (2 exs), Jhumla (6 exs), Moshing (2 exs), Phutang (1 ex), Shergaon (1 ex), Taluk Dzong (2 exs). Sikkim: Chamiteng (1 ex.) (5 exs), Gay (1 ex), Lachung (7 exs), Rongne (1 ex), Tang (1 ex).

99. *Rhyacophila gyaldzen* Schmid, 1970
(All Paratypes)

India: Manipur: Hanggo (1 ex); Parbang (1 ex).

100. *Rhyacophila gyamo* Schmid, 1970
(Paratype)

India: Manipur: Sirohikashong (1 ex).

101. *Rhyacophila gyaspa* Schmid, 1970
(All Paratypes)

India: West Bengal: Barahata (2 exs), Dilpa (2 exs).

102. *Rhyacophila gyelbu* Schmid, 1970
(All Paratypes)

India: Manipur: Sirohikashong (5 exs).

103. *Rhyacophila hingstoni* Martynov, 1930

India: Sikkim: Chachu (1 ex), Rangpa (4 exs), Thomnachen (2 exs), Thomphyak (3 exs), Yadang (4 exs), Yahul (1 ex), Zeema (1 ex). Uttarakhand: Badrinath, 10,000 ft (1 ex); Bampa, 10,500 ft (2 exs); Gangria, 10,000 ft (6 exs); Khartooloma, 17,800 ft (1 ex); Magoochatti, 10,000 ft. (1 ex.); Shapuk, 13000 Ft (1 ex); Trijuginarayan, 7500 ft (1 ex).

104. *Rhyacophila hobsoni* Martynov, 1930

India: Sikkim: Chamiteng (4 exs), Karpanong (7exs), Singha, (12 exs), Yamtang (2 exs).

105. *Rhyacophila hydaspica* Schmid, 1959

Arunachal Pradesh: Kameng, Chug (1 ex), Dirang Dzong (1 ex), Lih (6 exs), Rupa (1 ex); Salari, (2 exs). Uttarakhand: Pouri Garhwal, Koti (1 ex).

106. *Rhyacophila inconspicua* Morton, 1900

India: Meghalaya: U.J.K.U. Nongrim (1 ex).

107. *Rhyacophila jayadurga* Schmid, 1970
(Paratype)

India: Tamil Nadu: Madras (now Chennai), Makurti (1 ex).

108. *Rhyacophila kadaphes* Schmid 1959

India: Uttarakhand: Garhwal, Bampa (1 ex.), Hanumanchatti (1 ex.), Kosa (1 ex.); Pouri, Timarsan (2 exs).

109. *Rhyacophila kando* (Schmid, 1970)
(All Paratypes)

India: Arunachal Pradesh: Kameng, Phutang (3 exs). Uttarakhand: Garhwal, Dhar (2 exs); Gery (1 ex); Gwaldam (2 exs); Khali (2 exs); Pana (1 ex); Wan (3 exs).

110. *Rhyacophila kangjongpa* Schmid, 1970
(Paratype)

India: Arunachal Pradesh: Kameng, Bokhar (1 ex).

111. *Rhyacophila kanichka* Schmid, 1959

India: Uttarakhand: Bampa, 10,000 ft. (1 ex); Gangria, 10,000 ft. (15 exs); Malari 10,000 ft.(1 ex); Shapuk, 13,000 ft. (2 exs); Siunti (2 exs); Ukhal (4 exs).

112. *Rhyacophila kashongpa* Schmid, 1970
(Paratype)
India: Manipur: Sirohikashong (1 ex).
113. *Rhyacophila kawachenpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Bokhar (2 exs), Domkho (3 exs), Kameng (2 exs), Lifakpo (5 exs), Nakhu (1 ex), Nyukmadong (1 ex), Salari (1 ex), Shergaon (5 exs). Sikkim: Gigaon (2 exs).
114. *Rhyacophila kedara* Schmid, 1970
(All Paratypes)
India: Uttarakhand: Gery (1 ex); Kanol (3 exs); Kulara (1 ex), Malari, 10000 ft (1 ex), Pana (2 exs), Ramni (1 ex), Timarsan (4 exs).
- 115 *Rhyacophila khamakhya* Schmid, 1970 (Paratype)
India: Tamil Nadu: Madras (now Chennai), Senbanganur (1 ex).
116. *Rhyacophila khasiorum* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Kuljalong (1 ex); Lifakpo (1 ex); Langduar (1ex); Rupa (1 ex). Sikkim: Chongung (1 ex.); Hi (3 exs); Mangalbarey (1 ex.); Manu (1 ex.); Nyukmadong (1 ex); Singbeng (5 exs); Yugang (1 ex). Uttarakhand: Garhwal, Dhar (6 exs). West Bengal: Barahata (1 ex).
117. *Rhyacophila khimbarpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Jhumla (2 exs).
118. *Rhyacophila khiympa* Schmid, 1970
(Paratype)
India: Sikkim: Tongsing (1 ex).
119. *Rhyacophila laptropa* Schmid, 1970
(Paratype)
India: Sikkim: Teng (1 ex).
120. *Rhyacophila lepcha* Schmid, 1970
(All Paratypes)
India: Sikkim: Bop (2 exs); Chetang (1 ex); Lachung (4 exs); Manu (1 ex); Nanga (2 exs); Serabtang (1 ex); Yoksam (3 exs); Zampuk (1 ex).
121. *Rhyacophila lhadzongpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Nyukmadong (1 ex); Rupa (5 exs); Shergaon (1 ex).
122. *Rhyacophila lhakpa* Schmid, 1970
(All Paratypes)
India: Uttaranchal: Dhar (1 ex); Hanumanchatti, (1 ex); Dawli (1 ex.); Suraithola (1 ex).
123. *Rhyacophila lhopa* (Schmid, 1970)
(Paratype)
India: Tamil Nadu: Madras (now Chennai), Senbanganur, 1 ex.
124. *Rhyacophila maitripa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Jhumla (4 exs.), Moshing (1 ex), Nyukmadong (1 ex.); Rahung (1 ex).
125. *Rhyacophila manipuri* Schmid, 1970
(All Paratypes)
India: Manipur: Tangkhul, Hungdung (2 exs); Pamlal (1 ex).
126. *Rhyacophila manlungpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Nyukmadong (2 exs); Talung Dzong (5 exs).
127. *Rhyacophila mishmica* Kimmins, 1953
India : Arunachal Pradesh: Kameng, Phutang (1 ex).
128. *Rhyacophila mortoni* Kimmins, 1953
(All Paratypes)
India: Arunachal Pradesh: Kameng, Bomdila (1 ex). Meghalaya: U.J.K.H., Serrarim (1 ex).
129. *Rhyacophila muktepa* Schmid, 1970
(All Paratypes)
India: Meghalaya: Laitynghat (1 ex); U.J.K.H. Larenshiap (1 ex).
130. *Rhyacophila nabocheпа* Schmid, 1970
(All Paratypes)
India: Sikkim: Lachung (1 ex.), Yoksam (1 ex).
131. *Rhyacophila naga* Schmid, 1970
(All Paratypes)
India: Manipur: Hkyumboum (3 exs).

132. *Rhyacophila nagongpa* Schmid, 1970
(All Paratypes)
India: Meghalaya: Syndai (2 exs); Umpuh (1 ex); U.J.K.H.Larensiap (1 ex).
133. *Rhyacophila nakpo* Schmid, 1970
(All Paratypes)
India: Manipur: Hkyumboum (2 exs).
134. *Rhyacophila namgyal* Schmid, 1970
(All Paratypes)
India: Meghalaya: U.J.K.H.Shillong, Myntang (1 Paratype).
135. *Rhyacophila ngorpa* Schmid, 1970
(All Paratypes)
India: Sikkim: Bop (1 ex); Manu (4 exs); Nanga (3 exs); Singbong (1 ex); Teng (4 exs); Yoksam (5 exs), Zamphuk (2 exs).
136. *Rhyacophila ngulpa* Schmid, 1970
(All Paratypes)
India: Uttarakhand: Pauri Garhwal: Gangria (1 ex); Rata (1 ex).
137. *Rhyacophila obscura* Martynov, 1927
India: Uttarakhand: Pouri Garhwal, Gery (1 ex); Ghona (1 ex); Gwaldam (1 ex); Harmal (20 exs); Loharket (1 ex); Malari, (1 ex); Sirkot (1 ex).
138. *Rhyacophila parva* Kimmins, 1953
India: Meghalaya: U.J.K.H., Serrarim (1 ex).
139. *Rhyacophila paurava* Schmid, 1959
India: Uttarakhand: Pouri Garhwal, Akhroikoli (1 ex); Dhut (1 ex); Gourikund (1 ex); Kanol (4 exs); Trijuginarayan (2 exs); Tungnath (2 exs); Ukhral (1 ex).
140. *Rhyacophila pemba* Schmid, 1970
(All Paratypes)
India: Meghalaya: U.J.K.H. Borghat (1 ex); Taranblang (3 exs)
141. *Rhyacophila poba* Schmid, 1970
(All Paratypes)
India: Sikkim: Gey (1 ex); Tangaling (6 exs).
142. *Rhyacophila polha* Schmid, 1970
(Paratype)
India: Arunachal Pradesh: Kameng, Domkho (1 ex).
143. *Rhyacophila procliva* Kimmins, 1953
India: Arunachal Pradesh: Kameng, Dirang Dzong (2 exs); Jhumla (1 ex); Nyukmadong (1 ex); Rehang (1 ex); Talung Dzong (3 exs). Manipur: Hkyumboum (2 exs).
144. *Rhyacophila rhombica* Martynov, 1935
(Holotype)
India: West Bengal: Darjiling, 7000 ft. (1 ex).
145. *Rhyacophila rongpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Jhumla (1 ex). Manipur: Chingsao (1 ex). Sikkim: Chumtang (1 ex); Lingtham (2 exs); Nanga (3 exs); Singbong (1 ex); Singhik (2 exs); Teng (1 ex). West Bengal: Gitdabing (1 ex); Labha (2 exs).
146. *Rhyacophila sakyapa* Schmid, 1970
(All Paratypes)
India: Uttarakhand: Pouri Garhwal, Binaikchatti (4 exs); Dhar (1 ex); Khali (2 exs); Saran (1 ex); Trijuginarayan (1 ex); Tungnath (1 ex).
147. *Rhyacophila scissa* Morton, 1900
India: Arunachal Pradesh: Kameng, Amatulla (5 exs); Bokhar (2 exs); Dirang Dzong (2 exs); Moshing (2 exs); Nizang (1 ex); Rohung (4 exs); Sherong (2 exs); Talung Dzong (1 ex). Meghalaya: U. J. K. H. Rumthang (1 ex); U. J. K. H. Umpuh (1 ex). Manipur: Chingsao (6 exs); Hkyumboum (1 ex); Leni (1 ex); Sirohikashong (17 exs). Sikkim: Chumtang (4 exs); Chongjam (1 ex); Dikchu (1 ex); Hi (1 ex); Lathong (8 exs); Lingdok (2 exs); Lingtham (8 exs); Manu (17 exs); Nanga (6 exs); Namgung (2 exs); Singhik (20 exs); Teng (13 exs); Tangsing (1 ex). West Bengal: Lohika (1 ex).
148. *Rhyacophila scissa niyampa* Schmid, 1970
(All Paratypes)
India: Manipur: Chingsao (2 exs); Sirohikashong (1 ex).
149. *Rhyacophila scissoides* Kimmins, 1953
India: Sikkim: Chumtang (4 exs); Chongpong (1 ex); Dikchu (1 ex); Lingtham (1 ex); Nanga (6 exs); Poshek (1 ex); Samshong (1 ex); Teng (2 exs).

150. *Rhyacophila shakangpa* Schmid, 1970
(Paratype).
India: Uttarakhand: Almora, Chhana (1 ex).
151. *Rhyacophila sherchokpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng: Chug (1 ex); Kujlalong (1 ex); Salam (3 exs); Shergaon (2 exs).
152. *Rhyacophila similis* Martynov, 1935
(Type series)
India: Uttarakhand: Garhwal, Ampata (1 ex); Paukal (1 ex); Rishikesh (1 ex), Rudra Prayag (1ex); Tehri (1ex). Uttar Pradesh: Agra (1 ex).
153. *Rhyacophila stenostyla* Martynov, 1930
India: Sikkim: Chachu (1 ex.), Dolmasampa (1 ex.), Kaieg (2 exs.), Rongha (5 exs), Singha (1 ex.), Tailing (1 ex.), Thomphyak (7 exs.), Tangau (1 ex.), Yadang (4 exs.), Yamthang (4 exs.), Zama (1 ex.). Uttarakhand: Gangria, 10,000 ft (7 exs). Mandoli, 8000 ft (1 ex).
154. *Rhyacophila tecta* Morton, 1900
India: Arunachal Pradesh: Kameng: Domkha (2 exs); Gigaon (12 exs); Shergaon (3 exs).
155. *Rhyacophila tengyelingpa* Schmid, 1970
(Paratype)
India: Sikkim: Lachen (1 ex).
156. *Rhyacophila tolungpa* Schmid, 1970
(All Paratypes)
India :Arunachal Pradesh: Kameng: Amatulla (1 ex.); Dirang Dzong (1 ex.). Sikkim: Dikchu (5 exs); Lingtham (8 exs); Mangalbarey (1 ex).
157. *Rhyacophila trulungpa*
Schmid, 1970 (Paratype)
India: Uttarakhand: Pouri Garhwal, Hilang (1 ex).
158. *Rhyacophila tshiringpa* Schmid, 1970
(All Paratypes)
India: Arunachal Pradesh: Kameng, Jhumla (1 ex); Nyukmadong (1 ex), Talung Dzong (1 ex). Sikkim: Chamiteng (4 exs.), Karpanong (2 exs.), Lachung (38 exs.); Namnasa (1ex).
159. *Rhyacophila tshogpa* Schmid, 1970
(All Paratypes)
India: Sikkim: Chumtang (3 exs); Nanga (2 exs); Singhik (2 exs); Teng (4 exs).
160. *Rhyacophila tsona* Schmid, 1970
(All Paratypes)
India: Manipur: Hkyumboum (2 exs); Pushing (2 exs); Sirohikashong (4 exs).
161. *Rhyacophila tsongkhapa* Schmid, 1970
(All Paratypes)
India: Sikkim: Tongsing (24 exs).
162. *Rhyacophila tungpa* Schmid, 1970
(All Paratypes)
India: Uttarakhand: Pouri Garhwal, Junglechatti (2 exs).
163. *Rhyacophila yarlungpa* Schmid, 1970
(Paratype)
India: Sikkim: Dikchu (1 ex).
164. *Rhyacophila yigrongpa* Schmid, 1970
(Paratype)
India: Sikkim: Tashlong (1 ex).
165. *Rhyacophila yipung* Schmid, 1970
(Paratype)
India: Manipur: Longkpe (1 ex).
166. *Rhyacophila zhungpa* Schmid, 1970
(All Paratypes)
India: Sikkim: Chumtang (1 ex), Chungjam (1 ex), Lingdok (4 exs), Lingsaka (1 ex); Mangung (1 ex), Yoksam (1 ex).

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