

CHECK LIST OF INDIAN RHYACOPHILIDAE (TRICHOPTERA)

S. K. GHOSH & M. CHAUDHURY
Zoological Survey of India, Calcutta

INTRODUCTION

Linnaeus (1758) while erecting the Order Neuroptera included in it the Trichoptera also along with other groups. Trichoptera continued to be considered for a longtime in the heterogenous assesblage of order Neuroptera. It was Kirby who designated Trichoptera as a separate Order in 1813 and the view was supported by MacLachlan (1880). Kolenati (1848) subdivided the order into two main subdivisions, namely, Inaequipalpia and Aequipalpia, on the basis of relative number of joints in the maxillary palpi in male and female. MacLachlan (1880), Ulmer (1907), and Martynov (1924) divided the order into two suborders, the Annulipalpia and Integrepalpia, partly on the basis of the form and habits of the larvae and partly on the structures in the adult insects. Weaver (1983) classified Annulipalpia into two infraorders, Curvipalpia and Spicipalpia and included the super-family Rhyacophiloides in Spicipalpia. This classification of Weaver (*loc. cit.*) has been followed in the present paper. Under the superfamily Rhyacophiloidea, four families namely, Rhyacophilidae, Goeridae, Brachycentridae and Oeconesidae, were considered by Weaver. However in this check-list the authors are dealing with the family Rhyacophilidae only from India. Higler (1992) published a check-list of Indian Trichoptera but it is merely a listing of species with distribution. He has neither given references of the genera and species nor the type repository and type locality which are the most important items of a check-list. Therefore the authors feel the necessity for the publication of the present check-list on the family Rhyacophilidae.

Trichopteran fauna is not sufficiently known from India. The fauna belonging to the family Rhyacophilidae is known through the works of Betten (1909), Martynov (1930, 1935), Schmid (1959, 1970), Schmid & Botosaneanu (1966) and Kimmins (1964). Altogether 177 species and 10 subspecies in 2 genera are known from India of which the majority of the species are known from Eastern and Western Himalays. So, the scope eventually remains to work out the group from Peninsular and Insular parts of India.

The records of distribution mentioned are based on the material present in the National Zoological Collections of Zoological Survey of India and on the published informations. For type specimens, the informations related to the locality wherever known, the states as well as the type repository have been included. Institutions of

type repository have been shown in abbreviated forms which may be explained as follows :

BMNH—British Museum (Natural History), London.

CRB—Centre de recherches Biosystematiques, Ottawa, Canada.

MCZ—Museum of Comparative Zoology, Harvard University, Cambridge.

ZSI—Zoological Survey of India, Calcutta.

SM—Stockholm Museum.

Zool. Mus.—Zool. Museum (Leningrad).

Literature references of genera and species, and distribution of each species have been included. In this connection, it may be mentioned that in the type localities of several species the locality 'Kameng' was shown 'Assam' as well as 'Khasi Hills', which was then under Assam, by Schmid. These have been corrected and shown as 'Kameng' under Arunachal Pradesh and 'Khasi Hills' under Meghalaya.

Family : RHYACOPHILIDAE

Genus *Rhyacophila* Pictet

1834. *Rhyacophila* Pictet, Rech. *Phrygan.*, p. 181.

1. *Rhyacophila alticola* Kimmins

1953. *Rhyacophila alticola* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 544.

1992. *Rhyacophila alticola*, Higler, *Oriental Insects*, 26 : 68.

Type locality : Tibet.

Type Repository : Holotype & Paratype : BMNH (London).

Distribution : India (Sikkim) ; Tibet.

2. *Rhyacophila anatina* Morton

1900. *Rhyacophila anatina* Morton, *Trans. ent. Soc. Lond.*, p. 6, pl. 1, Figs. 17-18.

Type locality : Khasi Hills (Meghalaya).

Type Repository : Holotype & Paratype : BMNH (London).

Distribution : India (Meghalaya and Sikkim).

3. *Rhyacophila ancestralis* Martynov

1935. *Rhyacophila ancestralis* Martynov, *Rec. Indian Mus.*, 37 : 93-95, Figs. 1, a, d.

Type locality : Khasi Hills (Meghalaya).

Type Repository : Holotype : ZSI (Calcutta).

Distribution ; India (Meghalaya).

4. *Rhyacophila angden* Schmid

1970. *Rhyacophila angden* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 183.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

5. *Rhyacophila assimilis* Kimmins

1953. *Rhyacophila assimilis* Kimmins, *Ark. Zool. Stockholm (N. S.)* 4 : 553.

Type locality : North East Burma.

Type Repository : Holotype and Allotype : SM ; Paratypes : BMNH (London).

Distribution : India (Manipur), Burma.

6. *Rhyacophila aureomaculata* Schmid

1970. *Rhyacophila aureomaculata* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 184.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes ; BMNH (London) and ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

7. *Rhyacophila aureostigma* Schmid

1970. *Rhyacophila aureostigma* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 184.

Type locality : West Bengal.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Sikkim and West Bengal).

8. *Rhyacophila bhotia* Schmid

1970. *Rhyacophila bhotia* Schmid, *Mem. ent. Soc. Can.*, no. 66 : 137.

Type locality : Dobalgaon (Tehri Garhwal ; Uttar Pradesh).

Type Repository : Holotype and Allotype CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

9. *Rhyacophila bhuchanadhara* Schmid

1970. *Rhyacophila bhuchanadhara* Schmid, *Mem. ent. Soc., Can.*, No. 66 : 210.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

10. *Rhyacophila bicolor* Kimmins

1953. *Rhyacophila bicolor* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 532-534.

Type locality : North East Burma.

Type Repository : Holotype and Allotype : SM ; Paratype ; BMNH (London).

Distribution : India (Manipur). Burma.

11. *Rhyacophila bidens* Kimmins

1970. *Rhyacophila bidens* Kimmins, *Ark. Zool. Stockholm (N. S.)* 4 : 521.

Type locality : Burma.

Type Repository : Holotype : SM ; Paratypes : SM and BMNH (London).

Distribution : India (Sikkim, Manipur, Arunachal Pradesh and Uttar Pradesh) ;
Burma.

12. *Rhyacophila chakungpa* Schmid

1970. *Rhyacophila chakungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 161.

Type locality : Sikkim.

Type Repository ; Holotype and Allotype : CRB (Canada).

Distribution : India (Sikkim).

13. *Rhyacophila chamolungpa* Schmid

1970. *Rhyacophila chamolungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 180.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

14. *Rhyacophila changpa* Schmid

1970. *Rhyacophila changpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 217.

Type locality : Sikkim.

Type Repository : Holotype and Allotype CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Sikkim).

15. *Rhyacophila chandzo* Schmid

1970. *Rhyacophila chandzo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 154.

Type locality: Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

16. *Rhyacophila chayulpa chayulpa* Schmid

1970. *Rhyacophila chayulpa chayulpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 190.

Type locality : Sikkim.

Type Repository : Holotype and Allotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Sikkim).

16a. *Rhyacophila chayulpa ringmo* Schmid

1970. *Rhyacophila chayulpa ringmo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 190.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

16b. *Rhyacophila chayulpa tsetangpa* Schmid

1970. *Rhyacophila chayulpa tsetangpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 191.

Type locality : Pauri Garhwal.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution ; India (Uttar Pradesh).

17. *Rhyacophila chematangpa* Schmid

1970. *Rhyacophila chematangpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 171.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

18. *Rhyacophila chembo* Schmid

1970. *Rhyacophila chembo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 185.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

18a. *Rhyacophila chembo lartsepa* Schmid

1970. *Rhyacophila chembo lartsepa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 185.

Type locality : Pauri Garhwal.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

19. *Rhyacophila chenmo* Schmid

1970. *Rhyacophila chenmo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 152.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada).

Distribution : India (Manipur).

20. *Rhyacophila chimdro* Schmid

1970. *Rhyacophila chimdro* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 172.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

21. *Rhyacophila chomoyuma* Schmid

1970. *Rhyacophila chomoyuma* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 162.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI, (Calcutta).

Distribution : India (Manipur).

22. *Rhyacophila choprai* Martynov

1935. *Rhyacophila choprai* Martynov, *Rec. Indian Mus.*, 37 : 97-98.

Type locality : Mussorie.

Type Repository : Holotype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

23. *Rhyacophila chugalungpa* Schmid

1970. *Rhyacophila chugalungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 172.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

24. *Rhyacophila chulukpa* Schmid

1970. *Rhyacophila chulukpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 192.

Type locality : West Bengal.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim & West Bengal).

25. *Rhyacophila ehunikpa* Schmid

1970. *Rhyacophila ehunikpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 186.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada). ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

26. *Rhyacophila chungse* Schmid

1970, *Rhyacophila chungse* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 152.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : ZSI (Calcutta).

Distribution : India (Manipur and Arunachal Pradesh).

27. *Rhyacophila churongpa* Schmid

1970. *Rhyacophila churongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 176.

Type locality : Saran.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

28. *Rhyacophila curvata* Morton

1900. *Rhyacophila curvata* Morton, *Trans. ent. Soc. Lond.*, pt. 1, p. 5, pl. 1, Figs. 12-14.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype : BMNH (London).

Distribution : India (Meghalaya, Sikkim, Manipur & Mizoram).

29. *Rhyacophila dafla* Schmid

1970. *Rhyacophila dafla* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 189.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

30. *Rhyacophila dakshi* Schmid

1970. *Rhyacophila dakshi* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 186.

Type locality : West Bengal.

Type Repository : Holotype : CRB (Canada).

Distribution : India (West Bengal & Sikkim) ; Nepal.

31. *Rhyacophila dgaldanpa* Schmid

1970. *Rhyacophila dgaldanpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 220.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

32. *Rhyacophila dikkaravasini* Schmid

1970. *Rhyacophila dikkaravasini* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 196.

Type locality : Madras.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Tamil Nadu).

33. *Rhyacophila dilatata* Martynov

1935. *Rhyacophila dilatata* Martynov, *Rec. Indian Mus.*, **37** : 96-97, Figs. 3 a-c.

Type locality : Simla Hills.

Type Repository : Holotype : ZSI (Calcutta).

Distribution : India (Himachal Pradesh, Uttar Pradesh).

34. *Rhyacophila dirangpa* Schmid

1970. *Rhyacophila dirangpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 199.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

35. *Rhyacophila dolingpa* Schmid

1970. *Rhyacophila dolingpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 181.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : ZSI (Calcutta).

Distribution : India (Meghalaya).

36. *Rhyacophila dongkyapa* Schmid

1970. *Rhyacophila dongkyapa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 138.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh, Sikkim & Manipur).

37. *Rhyacophila dongre* Schmid

1970. *Rhyacophila dongre* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 191.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

38. *Rhyacophila dorje* Schmid

1970. *Rhyacophila dorje* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 144.

Type locality : Madras.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Tamil Nadu).

39. *Rhyacophila drokpa drokpa* Schmid

1970. *Rhyacophila drokpa drokpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 220.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh and Manipur).

39a. *Rhyacophila drokpa gurla* Schmid

1970. *Rhyacophila drokpa gurla* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 221.

Type locality : Pouri Garhwal.

Type Repository : Holotype & Allotype : CRB (Canada); Paratype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

39b. Rhyacophila drokpa nyenpa Schmid

1970. *Rhyacophila drokpa nyenpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 221.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

40. Rhyacophila drosampa Schmid

1970. *Rhyacophila drosampa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 162.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : ZSI (Calcutta).

Distribution ; India (Meghalaya).

41. Rhyacophila drotangpa Schmid

1970. *Rhyacophila drotangpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 138.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

42. Rhyacophila extensa Martynov

1928. *Rhyacophila extensa* Martynov., *Ann. Mus. Zool. Acad.*, Leningrad, 28 : 493.

1931. *Rhyacophila carletoni* Banks, *Psyche*, 38 : No. 1. p. 69, Fig. 7.

1970. *Rhyacophila extensa*, Schmid, *Mem. ent. Soc. Can.*, No. 66 : 133.

1992. *Rhyacophila extensa*, Higler, *Oriental Insects*, 26 : 70.

Type locality : Turkestan.

Type Repository : Holotype ; MCZ.

Distribution : India (Himachal Pradesh and North India), Turkestan.

43. Rhyacophila fletcheri (Kimmins)

1952. *Rhyacophila fletcheri* Kimmins, *Ann. Mag. Nat. Hist. Lond.*, (12) 5 : 356.

1970. *Rhyacophila fletcheri*, Schmid, *Mem. ent. Soc. Can.*, No. 66 : 203.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada) ; Paratypes : BMNH (London).

Distribution : India (Sikkim and Arunachal Pradesh).

44. Rhyacophila gelukpa Schmid

1970. *Rhyacophila gelukpa* Schmid, *Mem. ent. Soc. Can.*, 66 : 214.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Sikkim and Arunachal Pradesh).

45. *Rhyacophila gyaldzen* Schmid

1970. *Rhyacophila gyaldzen* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 144.

Type locality : Meghalaya, (United Jaintia and Khasi Hills).

Type Repository ; Holotype & Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Meghalaya and Manipur).

46. *Rhyacophila gyamo* Schmid

1970. *Rhyacophila gyamo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 180.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Manipur).

47. *Rhyacophila gyaspa* Schmid

1970. *Rhyacophila gyaspa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 200.

Type locality : West Bengal.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (West Bengal).

48. *Rhyacophila gyelbu* Schmid

1970. *Rhyacophila gyelbu* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 187.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Manipur and Sikkim).

49. *Rhyacophila hingstoni* Martynov

1930. *Rhyacophila hingstoni* Martynov, *Fauna of China and Eastern Tibet*, p. 67-69.

Type locality ; Tibet.

Type Repository : Holotype and Paratype : BMNH (London) ; Paratype : Zool. Mus. (Leningard).

Distribution : India (Sikkim) ; Nepal and Tibet.

50. *Rhyacophila hobsoni* Martynov

1930. *Rhyacophila hobsoni* Martynov, *Fauna of China and Eastern Tibet*, p. 69.

Type locality : Tibet.

Type Repository : Holotype : BMNH (London).

Distribution : India (Sikkim and Uttar Pradesh) ; Tibet.

51. *Rhyacophila hydaspica* Schmid

1959. *Rhyacophila hydaspica* Schmid, *Tijdschr. ent.*, **102** : 237.

Type locality : Himalaya.

Type Repository : Holotype : CRB (Canada).

Distribution : Indou Kouch, Tout 1' Himalaya.

52. *Rhyacophila inconspicua* Morton

1900. *Rhyacophila inconspicua* Morton, *Trans. ent. Soc. Lond.*, p. 7, pl. 1, Fig. 21.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype : BMNH (London).

Distribution : India (Meghalaya).

53. *Rhyacophila jayadurga* Schmid

1970. *Rhyacophila jayadurga* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 196.

Type locality : Madras.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Tamil Nadu).

54. *Rhyacophila kadampa* Schmid

1970. *Rhyacophila kadampa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 139.

Type locality : Manipur.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Manipur).

55. *Rhyacophila kadaphes* Schmid

1959. *Rhyacophila kadaphes* Schmid, *Tijdscher. ent.*, **102** : 235.

Type locality : Karakoram.

Type Repository : Holotype : CRB (Canada).

Distribution ; India (Uttar Pradesh), Indou-Kouch, Karakoram, Pakistan.

56. *Rhyacophila kagyupa* Schmid

1970. *Rhyacophila kagyupa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 197.

Type locality : Arunaehal Pradesh (Kameng).

Type Repository ; Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

57. *Rhyacophila kando* Schmid

1970. *Rhyacophila kando* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 206.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta)

Distribution : India (Arunachal Pradesh, Sikkim and Uttar Pradesh).

57a. *Rhyacophila kando rengma* Schmid

1970. *Rhyacophila kando rengma* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 207.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada).

Distribution ; India (Manipur).

58. *Rhyacophila kangjongps* Schmid

1970. *Rhyacophila kangjongps* Schmid, *Mem. ent. Soc. Can.* No. 66 : 163.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

59. *Rhyacophila kanichka* Schmid

1959. *Rhyacophila kanichka* Schmid, *Tijdschr. ent.*, 102 : 233.

Type locality : Himalaya.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh) ; Pakistan.

60. *Rhyacophila karpa* Schmid

1970. *Rhyacophila karpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 204.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya and Arunachal Pradesh).

61. Rhyacophila kashongpa Schmid

1970. *Rhyacophila kashongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 148.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution ; India (Manipur).

62. Rhyacophila kawachenpa Schmid

1970. *Rhyacophila kawachenpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 163.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

63. Rhyacophila kedara Schmid

1970. *Rhyacophila kedara* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 170.

Type locality : Kedarnath.

Type Repository : Holotype and Allotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

64. Rhyacophila khamakhya Schmid

1970. *Rhyacophila khamakhya* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 197.

Type locality : Madras.

Type Repository : Holotype and Allotype : CRB (Canada); Paratype ; ZSI (Calcutta).

Distribution : India (Tamil Nadu).

65. Rhyacophila khasiorum Schmid

1970. *Rhyacophila khasiorum* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 187.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada); Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Uttar Pradesh, Sikkim, Arunachal Pradesh, Meghalaya and Manipur).

66. Rhyacophila khimbarpa Schmid

1970. *Rhyacophila khimbarpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 188.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada) ; Paratypes ; BMNH (London) and ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

67. *Rhyacophila khiympa* Schmid

1970. *Rhyacophila khiympa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 170-171.

Type locality : Sikkim.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution ; India (Sikkim).

68. *Rhyacophila kubra* Schmid

1970. *Rhyacophila kubra* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 178.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

69. *Rhyacophila kunma* Schmid

1970. *Rhyacophila kunma* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 154.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution ; India (Arunachal Pradesh).

70. *Rhyacophila kusang* Schmid

1970. *Rhyacophila kusang* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 145.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya).

71. *Rhyacophila kyadongpa* Schmid

1970. *Rhyacophila kyadongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 221.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

72. *Rhyacophila kyimdongpa* Schmid

1970. *Rhyacophila kyimdongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 176.

Type locality : Meghalaya (United Jaintia & Khasi Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya).

73. *Rhyacophila kyungpa* Schmid

1970. *Rhyacophila kyungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 173.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

74. *Rhyacophila langdarma* Schmid

1970. *Rhyacophila langdarma* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 164.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

75. *Rhyacophila laptapa* Schmid

1970. *Rhyacophila laptapa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 200.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Sikkim).

76. *Rhyacophila lepcha* Schmid

1970. *Rhyacophila lepcha* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 193.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Sikkim).

77. *Rhyacophila lhabu* Schmid

1970. *Rhyacophila lhabu* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 164.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Manipur).

78. *Rhyacophila lhadzongpa* Schmid

1970. *Rhyacophila lhadzongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 140.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

79. *Rhyacophila lhakpa* Schmid

1970. *Rhyacophila lhakpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 174.

Type locality : Hanuman Chatti (Pauri Garhwal).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

80. *Rhyacophila lhopa* Schmid

1970. *Rhyacophila lhopa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 197.

Type locality : Madras.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Tamil Nadu).

81. *Rhyacophila lobsang* Schmid

1970. *Rhyacophila lobsang* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 146.

Type locality : Madras.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Tamil Nadu).

82. *Rhyacophila lonpo* Schmid

1970. *Rhyacophila lonpo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 201.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

83. *Rhyacophila maitripa* Schmid

1970. *Rhyacophila maitripa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 211.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

84. *Rhyacophila manipuri* Schmid

1970. *Rhyacophila manipuri* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 140.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Manipur).

85. *Rhyacophila manlungpa* Schmid

1970. *Rhyacophila manlungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 155.

Type locality : Arunachal Pradesh (Kameng).

Type Repository ; Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

86. *Rhyacophila marpa* Schmid

1970. *Rhyacophila marpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 177,

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

87. *Rhyacophila milarepa* Schmid

1970. *Rhyacophila milarepa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 193.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

88. *Rhyacophila mishmica* Kimmins

1953. *Rhyacophila mishmica* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 516-518.

Type locality : Assam.

Type Repository : Holotype, Allotype & Paratype : BMNH (London).

Distribution : India (Assam and Arunachal Pradesh).

89. *Rhyacophila monyulpa* Schmid

1970. *Rhyacophila monyulpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 165.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

90. *Rhyacophila mortoni* Kimmins

1953. *Rhyacophila mortoni* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 526-527.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype, Allotype & Paratype : BMNH (London) ; Paratype : (Indian Mus.), ZSI, (Calcutta).

Distribution : India (Meghalaya).

91. *Rhyacophila muktepa* Schmid

1970. *Rhyacophila muktepa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 188.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype : CRB (Canada), Paratype : ZSI (Calcutta).

Distribution : India (Meghalaya and Manipur).

92. *Rhyacophila nobochepa* Schmid

1970. *Rhyacophila nobochepa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 178.

Type locality : West Bengal.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (West Bengal, Sikkim and Arunachal Pradesh).

93. *Rhyacophila naga* Schmid

1970. *Rhyacophila naga* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 155.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes ; BMNH (London) and ZSI (Calcutta).

Distribution : India (Manipur).

94. *Rhyacophila nagongpa* Schmid

1970. *Rhyacophila nagongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 140.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Meghalaya).

95. *Rhyacophila nakpo* Schmid

1970. *Rhyacophila nakpo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 165.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Manipur).

96. *Rhyacophila namgyal* Schmid

1970. *Rhyacophila namgyal* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 146.

Type locality : Meghalaya (United Jaintia and Khasi Hills).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Meghalaya).

97. *Rhyacophila narayani* Schmid

1970. *Rhyacophila narayani* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 198.

Type locality : Kerala.

Type Repository : Holotype ; CRB (Canada).

Distribution : India (Kerala).

98. *Rhyacophila naviculata* Morton

1900. *Rhyacophila naviculata* Morton, *Trans. ent. Soc. Lond.*, p. 6, pl. 1, Figs. 19-20.

Type locality : Trichinopoly.

Type Repository : Holotype : BMNH (London).

Distribution : India (Tamil Nadu).

99. *Rhyacophila netongpa* Schmid

1970. *Rhyacophila netongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 194.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

100. *Rhyacophila ngawang* Schmid

1970. *Rhyacophila ngawang* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 147.

Type locality : Meghalaya (United Jaintia & Khasi Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya).

101. **Rhyacophila ngorpa** Schmid

1970. *Rhyacophila ngorpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 215.

Type locality : West Bengal.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (West Bengal and Sikkim).

102. **Rhyacophila ngulpa** Schmid

1970. *Rhyacophila ngulpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 171.

Type locality : Pouri Garhwal.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

103. **Rhyacophila norbu** Schmid

1970. *Rhyacophila norbu* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 147.

Type locality : Meghalaya (United Jaintia & Khasi Hills).

Type Repository : Holotype : CRB (Canada) ; Paratype : BMNH (London).

Distribution : India (Meghalaya).

104. **Rhyacophila nyamangpa** Schmid

1970. *Rhyacophila nyamangpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 1947.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

105. **Rhyacophila nyelungpa** Schmid

1970. *Rhyacophila nyelungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 183.

Type locality : Meghalaya (United Jaintia & Khasi Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya).

106. **Rhyacophila nyerongpa** Schmid

1970. *Rhyacophila nyerongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 204.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

107. *Rhyacophila nyerpa* Schmid

1970. *Rhyacophila nyerpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 156.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

108. *Rhyacophila nyukmadongpa* Schmid

1970. *Rhyacophila nyukmadongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 166.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

109. *Rhyacophila obscura* Martynov

1927. *Rhyacophila obscura* Martynov., *Ann. Mus. Zool. Acad. Sci. USSR.*, 28 : 163, pl. vii, figs. 1-4.

Type locality : Turkestan, Taschkent.

Type Repository : Holotype : BMNH (London).

Distribution : India (Punjab, Himachal Pradesh and Uttar Pradesh), Turkestan.

110. *Rhyacophila parva parva* Kimmins

1953. *Rhyacophila parva* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 536.

1970. *Rhyacophila parva parva*, Schmid; *Mem. ent. Soc. Can.*, No. 66 : 173.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype & Paratype : BMNH (London).

Distribution : India (Meghalaya).

110a. *Rhyacophila parva mukpo* Schmid

1970. *Rhyacophila parva mukpo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 174.

Type locality : Manipur.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Manipur).

111. *Rhyacophila paurava* Schmid

1959. *Rhyacophila paurava* Schmid, *Tijdschr. ent.*, 102 : 237.

Type locality : Himalaya.

Type Repository : Holotype : CRB (Canada).

Distribution : India, Uttar Pradesh (Garhwal). Pakistan.

112. **Rhyacophila pemba** Schmid

1970. *Rhyacophila pemba* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 147.

Type locality : Meghalaya (United Jaintia & Khasi Hills).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Meghalaya and Manipur).

113. **Rhyacophila poba** Schmid

1970. *Rhyacophila poba* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 218.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada) ; Paratypes : BMNH (London) and ZSI (Calcutta).

Distribution : India (Sikkim).

114. **Rhyacophila polba** Schmid

1970. *Rhyacophila polba* Schmid, *Mem. ent. Soc. Can.*, No. : 66 : 166.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype and Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

115. **Rhyacophila procliva** Kimmins

1953. *Rhyacophila pracliva* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 542-544.

Type locality : N. E. Burma.

Type Repository : Holotype, Allotype and Paratype : S. M. ; Paratype : BMNH (London).

Distribution : India (Arunachal Pradesh and Manipur). Birmanie Septentrional

116. **Rhyacophila putata** Kimmins

1953. *Rhyacophila putata* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 512.

Type locality : Meghalaya (Shillong).

Type Repository : Holotype : BMNH (London).

Distribution : India (Meghalaya).

116a. **Rhyacophila putata temba** Schmid

1970. *Rhyacophila putata temba* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 167.

Type locality : Manipur.

Type Repository : Holotype and Allotype : CRB (Canada).

Distribution : India (Manipur).

117. *Rhyacophila rhombica* Martynov

1935. *Rhyacophila rhombica* Martynov, *Rec. Indian Mus.*, 37 : 98-99, Figs. 5 a-b.

Type locality : Darjeeling.

Type Repository : Holotype : ZSI (Calcutta).

Distribution : India (West Bengal).

118. *Rhyacophila rongpa* Schmid

1970. *Rhyacophila rongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 222.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Manipur, Sikkim & Arunachal Pradesh).

119. *Rhyacophila sakyapa* Schmid

1970. *Rhyacophila sakyapa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 153.

Type locality : Pouri Garhwal.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

120. *Rhyacophila sanglungpa* Schmid

1970. *Rhyacophila sanglungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 202.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

121. *Rhyacophila scissa* Morton

1900. *Rhyacophila scissa* Morton, *Trans. ent. Soc. Lond.*, p. 5, pl. 1, Figs. 15, 16.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype : BMNH (London).

Distribution : India (Meghalaya, Uttar Pradesh, Sikkim & Arunachal Pradesh).

121a. *Rhyacophila scissa niyampa* Schmid

1970. *Rhyacophila scissa niyampa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 150.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Manipur).

122. *Rhyacophila scissoides* Kimmins

1953. *Rhyacophila scissoides* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 520.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype & Paratypes : BMNH (London).

Distribution : India (Punjab, Himachal Pradesh, Sikkim, Uttar Pradesh, Meghalaya and Mizoram).

123. *Rhyacophila scotina* Kimmins

1953. *Rhyacophila scotina* Kimmins, *Ark. Zool. Stockholm (N. S.)*, 4 : 513-514.

Type locality : Meghalaya (Cherrapunji).

Type Repository : Holotype : BMNH (London).

Distribution : India (Meghalaya).

124. *Rhyacophila senggepa* Schmid

1970. *Rhyacophila senggepa* Schmid, *Mem. ent. Soc. Can.*, No. 167.

Type locality : Meghalaya (United Khasi & Jaintia Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya).

125. *Rhyacophila shakangpa* Schmid

1970. *Rhyacophila shakangpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 198.

Type locality : Chhana (Almora).

Type Repository : Holotype : CRB (Canada); Paratypes : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

126. *Rhyacophila sherchokpa* Schmid

1970. *Rhyacophila sherchokpa* Schmid, *Mem. ent. Soc., Can.*, No. 66 : 208.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

127. Rhyacophila sherpa Schmid

1970. *Rhyacophila sherpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 156.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

128. Rhyacophila shingripa Schmid

1970. *Rhyacophila shingripa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 179.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

129. Rhyacophila sikungpa Schmid

1970. *Rhyacophila sikungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 167.

Type locality : Pauri Garhwal.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

130. Rhyacophila similis Martynov.

1935. *Rhyacophila similis* Martynov, *Rec. Indian Mus.*, 37 : 99.

Type locality : Garhwal.

Type Repository : Holotype : ZSI (Calcutta)

Distribution : India (Uttar Pradesh).

131. Rhyacophila spinalis Martynov

1930. *Rhyacophila spinalis* Martynov, *Proc. Zool. Soc. Lond.*, : 69.

1992. *Rhyacophila spinalis*, Higler, *Oriental Insects*, 26 : 72.

Type locality : Tibet.

Type Repository : Holotype : BMNH (London).

Distribution : India (Uttar Pradesh, Sikkim, Arunachal Pradesh).

132. Rhyacophila stenostyla Martynov

1930. *Rhyacophila stenostyla* Martynov, *Fauna of China and Eastern Tibet*, : 70-71.

Type locality : Tibet.

Type Repository : Holotype : BMNH (London).

Distribution : India (Sikkim and Uttar Pradesh). Nepal, Tibet.

133. Rhyacophila sumdopa Schmid

1970. *Rhyacophila sumdopa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 168.

Type locality : Holotype and Allotype : CRB (Canada).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Manipur).

134. Rhyacophila tarkiya Schmid

1970. *Rhyacophila tarkiya* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 194.

Type locality : Sikkim.

Type Repository : Holotype and Allotype : CRB (Canada).

Distribution : India (Sikkim).

135. Rhyacophila tashopa Schmid

1970. *Rhyacophila tashopa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 143.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

136. Rhyacophila tashidingpa Schmid

1970. *Rhyacophila tashidingpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 195.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Calcutta, Sikkim & Arunachal Pradesh).

137. Rhyacophila tecta Morton

1900. *Rhyacophila tecta* Morton, *Trans. ent. Soc. Lond.*, p. 4, pl. 1, Figs. 8-9.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype : BMNH (London).

Distribution : India (Meghalaya and Arunachal Pradesh) ; Birmanie Septentrionale.

138. Rhyacophila tengyelingpa Schmid

1970. *Rhyacophila tengyelingpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 173.

Type locality : Sikkim.

Type Repository : Holotype & Allotype CRB (Canada) ; Paratype ; ZSI (Calcutta).

Distribution : India (Sikkim).

139. Rhyacophila tolungpa Schmid

1970. *Rhyacophila tolungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 182.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh).

140. Rhyacophila trashipa Schmid

1970. *Rhyacophila trashipa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 212.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Manipur).

141. Rhyacophila trulungpa Schmid

1970. *Rhyacophila trulungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 202.

Type locality : Pouri Garhwal.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

142. Rhyacophila tsering Schmid

1970. *Rhyacophila tsering* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 148.

Type locality : Kerala.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Kerala).

143. Rhyacophila tshiringpa Schmid

1970. *Rhyacophila tshiringpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 157.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratype ZSI (Calcutta).

Distribution : India (Sikkim).

144. Rhyacophila tshogpa Schmid

1970. *Rhyacophila tshogpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 213.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Sikkim).

145. *Rhyacophila tsiudmerpo* Schmid

1970. *Rhyacophila tsiudmerpo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 169.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Arunachal Pradesh).

146. *Rhyacophila tsona* Schmid

1970. *Rhyacophila tsona* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 192.

Type locality : Manipur.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Manipur).

147. *Rhyacophila tsongkhapa* Schmid

1970. *Rhyacophila tsongkhapa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 219.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada); Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Sikkim).

148. *Rhyacophila tungkorpa* Schmid

1970. *Rhyacophila tungkorpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 175.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

149. *Rhyacophila tungpa* Schmid

1970. *Rhyacophila tungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 179.

Type locality : Jungle Chatti.

Type Repository : Holotype & Allotype : CRB (Canada); Paratype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

150. Rhyacophila ugyenpa Schmid

1970. *Rhyacophila ugyenpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 204.

Type locality : Meghalaya (United Jaintia & Khasi Hills).

Type Repository : Holotype : CRB (Canada).

Distribution : India (Meghalaya).

151. Rhyacophila wangpo Schmid

1970. *Rhyacophila wangpo* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 148.

Type locality : West Bengal.

Type Repository : Holotype : CRB (Canada).

Distribution : India (West Bengal).

152. Rhyacophila yarlungpa Schmid

1970. *Rhyacophila yarlungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 182.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype : CRB (Canada); Paratype : ZSI (Calcutta).

Distribution : India (Arunachal Pradesh & Sikkim); Nepal.

153. Rhyacophila yigrongpa Schmid

1970. *Rhyacophila yigrongpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 141.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada); Paratype : ZSI (Calcutta).

Distribution : India (Sikkim).

154. Rhyacophila yipung Schmid

1970. *Rhyacophila yipung* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 142.

Type locality : Manipur.

Type Repository : Holotype : CRB (Canada); Paratype : ZSI (Calcutta).

Distribution : India (Manipur).

155. Rhyacophila yishepa Schmid

1970. *Rhyacophila yishepa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 177.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

156. *Rhyacophila yonggyapa* Schmid

1970. *Rhyacophila yonggyapa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 203.

Type locality : Manipur.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Manipur).

157. *Rhyacophila yullha* Schmid

1970. *Rhyacophila yullha* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 195.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : CRB (Canada).

Distribution : India (Sikkim).

158. *Rhyacophila chungpa* Schmid

1970. *Rhyacophila chungpa* Schmid, *Mem. ent. Soc. Can.*, No. 66 : 199.

Type locality : Arunachal Pradesh (Kameng).

Type Repository : Holotype & Allotype : CRB (Canada) ; Paratypes : BMNH (London) & ZSI (Calcutta).

Distribution : India (Arunachal Pradesh & Uttar Pradesh).

Genus *Himalopsyche* Banks

1940. *Himalopsyche* Banks, *Proc. U. S. Nat. Mus.*, 88 : No. 3079 : 197.

159. *Himalopsyche amitava* Schmid & Botsoneanu

1966. *Himalopsyche amitava* Schmid & Botsoneanu, *Ann. ent. Soc. Queb.*, 11 : 148.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

160. *Himalopsyche angnorbui* Schmid

1963. *Himalopsyche angnorbui* Schmid, *Bonn. Zool. Beitr.*, 14 : 208.

1992. *Himalopsyche angnorbui*, Higler, *Oriental Insects*, 26 : 68.

Type locality : Garhwal.

Type Repository : Holotype & Paratype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

160a. *Himalopsyche angnorbui sherpa* Schmid

1963. *Himalopsyche angnorbui sherpa* Schmid, *Bonn. Zool. Beitr.* **14** : 208.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

161. *Himalopsyche bhagirathi* Schmid

1968. *Himalopsyche bhagirathi* Schmid, *Bonn. Zool. Beitr.*, **14** : 209.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

162. *Himalopsyche biansata* Kimmins

1952. *Himalopsyche biansata* Kimmins, *Ann. Mag. nat. Hist. Soc.*, (12) **5** : 351.

1992. *Himalopsyche biansata* Higler, *Oriental Insects*, **26** : 68.

Type locality : Tibet.

Type Repository : Holotype : BMNH (London).

Distribution : India (Sikkim) ; Tibet.

163. *Himalopsyche digitata* (Martynov)

1935. *Rhyacophila digitata* Martynov, *Rec. Indian Mus.*, **37** : 102-103, figs. 8a-c.

1922. *Himalopsyche digitata*, Higler, *Oriental Insects*, **26** : 68.

Type locality : Darjeeling.

Type Repository : ZSI (Calcutta).

Distribution : India (West Bengal, Uttar Pradesh, Sikkim and Arunachal Pradesh).

164. *Himalopsyche dolmasampa* Schmid

1963. *Himalopsyche dolmasampa* Schmid, *Bonn. Zool. Beitr.*, **14** : 212.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

165. *Himalopsyche gyamo* Schmid

1963. *Himalopsyche gyamo* Schmid, *Bonn. Zool. Beitr.*, **14** : 228.

Type locality ; Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh and Sikkim).

166. *Himalopsyche hierophylax* Schmid & Botosaneanu

1966. *Himalopsyche hierophylax* Schmid & Botosaneanu, *Ann. ent. Soc. Queb.*, **11** : 150.

Type locality : Uttar Pradesh.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

167. *Himalopsyche horai* (Martynov)

1935. *Rhyacophila pallida* Martynov, *Rec. Indian Mus.*, **37** : 100-102, figs. 7a-c.

1992. *Himalopsyche horai*, Higler, *Oriental Insects*, **26** : 68.

Type locality : Dalhousie.

Type Repository : Holotype : ZSI (Calcutta).

Distribution : India (Himachal Pradesh, Uttar Pradesh, Sikkim and Arunachal Pradesh).

168. *Himalopsyche lanceolata* (Morton)

1900. *Rhyacophila lanceolata* Morton, *Trans. ent. Soc. Lond.*, p. 2, pl. 1, fig. 1-4.

1952. *Himalopsyche lanceolata*, Kimmins, *Ann. Mag., nat. Hist.*, London, **5** (12) : 356.

Type locality : Meghalaya (Khasi Hills).

Type Repository : Holotype & Paratype : BMNH (London).

Distribution : India (Meghalaya and Manipur).

169. *Himalopsyche lepcha* Schmid

1963. *Himalopsyche lepcha* Schmid, *Bonn. Zool. Beitr.*, **14** : 222.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada) ; Paratypes : ZSI (Calcutta).

Distribution : India (Uttar Pradesh, Sikkim & West Bengal).

170. *Himalopsyche lungma* Schmid

1963. *Himalopsyche lungma* Schmid, *Bonn. Zool. Beitr.*, **14** : 217.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada) ; Paratype : ZSI (Calcutta).

Distribution : India (Uttar Pradesh).

171. *Himalopsyche maitreya* Schmid

1963. *Himalopsyche maitreya* Schmid, *Bonn. Zool. Beitr.*, **14** : 220.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

172. *Himalopsyche malenanda* Schmid

1963. *Himalopsyche malenanda* Schmid, *Bonn. Zool. Beitr.*, **14** : 210.

Type locality : Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh, Sikkim and Arunachal Pradesh).

173. *Himalopsyche phedogensis* Kimmins

1952. *Himalopsyche phedogensis* Kimmins, *Ann. Mag. nat. Hist. Soc.*, (12) **5** : 356.

Type locality : Sikkim.

Type Repository : Holotype & Allotype : BMNH (London).

Distribution ; India (Sikkim).

174. *Himalopsyche tibetana* (Martynov)

1930. *Rhyacophila tibetana* Martynov, *Proc. zool. Soc. Lond.*, : 65.

1992. *Himalopsyche tibetana*, Higler, *Oriental Insects*, **26** : 68.

Type locality : Tibet.

Type Repository : Holotype & Paratype : Zool. Mus. (Leningrad).

Distribution : India (Uttar Pradesh and Sikkim) ; Tibet.

175. *Himalopsyche todma* Schmid

1963. *Himalopsyche todma*, Schmid, *Bonn. Zool. Beitr.*, **14** : 215.

Type locality ; Himalayas.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

176. *Himalopsyche yatrwalla* Schmid & Botosaneanu

1966. *Himalopsyche yatrwalla* Schmid & Botosaneanu, *Ann. ent. Soc. Queb.*, **11** : 143.

Type locality : Uttar Pradesh.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Uttar Pradesh).

177. *Himalopsyche yongma* Schmid

1969. *Himalopsyche yongma* Schmid, *Bonn. Zool. Beitr.*, 14 : 217.

Type locality : Sikkim.

Type Repository : Holotype : CRB (Canada).

Distribution : India (Sikkim).

ACKNOWLEDGEMENTS

This work would not have been possible without the assistance of many people. We are grateful to Dr. F. Schmid, Canada who has donated over 1000 type specimens of Trichoptera including Rhyacophilidae and also literatures. The authors are grateful to the following scientists who provided us important literatures : Drs. A. Neboiss, Australia, G. B. Wiggins, Canada ; J. Weaver, New Hampshire ; Hans Malicky, Lunz ; Oliver, S. Flint Jr. Washington and also to the Director, Zoological Survey of India, Calcutta for providing facilities to work.

Thanks are also accorded to British Museum National History, London and Dr. F. Schmid, Canada for providing informations on the type repository of several species of Rhyacophilidae.

REFERENCES

- Betten, C. 1909. Notes on Trichoptera in the collection of the Indian Museum. —*Rec. Indian Mus.*, 3 : 231-242.
- Higler, L. W. G. 1992. A check-list of the Trichoptera recorded from India and a larval key to the families. —*Oriental Insects*, 26 : 67-106.
- Kimmins, D. E. 1964. On the Trichoptera of Nepal. —*Bull. Br. Mus. (Nat. Hist.), Ent.*, 15 : 33-35.
- Kolenati, F. S. 1848. Genera et species Trichopterorum, Pars. I. —*Actis Regiae Bohemicae Societatis Scientiarum, Scientiarum, Pragae*, 6 : 1-108, 2 pls.
- Linnaeus, C. V. 1758. *Systema Naturae*, 1, Ed 10, Laur Salvii *Holmiae*, 824 pp.
- Machlachlan, R. 1880. A Monographic Revision and Synopsis of the Trichoptera on the European Fauna, 432-490.
- Martynov, A. V. 1924. Trichoptera in "Practical Entomology". —Leningrad, pp. IV+338.
- Martynov, A. V. 1930. On the Trichopterous Fauna of China and Eastern Tibet. —*Proc. zool. Soc. Lond.*, 65-112.

- Martynov, A. V. 1935. On a collection of Trichoptera from the Indian Museum. — *Rec. Indian Mus.*, **37** : 93-209.
- Schmid, F. 1959. Trichopteres du Pakistan II. — *Tijdschr. ent.*, **102** : 231-253.
- Schmid, F. and Botosaneanu, L. 1966. Le genre *Himalopsyche* Bks. (Trichoptera, Rhyacophilidae). — *An. Soc. ent. Queb.*, **11** : 123-176.
- Schmid, F. 1970. Le Genre *Rhyacophila* et la Famille Des Rhyacophilidae (Trichoptera). — *Mem. ent. Soc. Can.*, **66** : 1-230, pls. 1-111.
- Ulmer, G. B. 1907. Newe Trichopteran. *Notes Leyden Mus.*, **29** : 1-53.
- Weaver, J. S. 1983. The evolution and classification of Trichoptera, with a revision of the Lepidostomatidae and a North American Synopsis of the family. Ph. D. Dissertation, Clemson University.