

NEW RECORDS OF SARCOPHAGID FLIES (DIPTERA : SARCOPHAGIDAE)
FROM NAGALAND, INDIA

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INTRODUCTION

Nothing is known regarding the Sarcophagid flies from Nagaland. The author collected these flies from different parts of Nagaland in 1989 and a total of nineteen species are recorded for the first time from this Hilly state of India. Distributional records of the species are included if these are not mentioned in my earlier papers (in press).

SYSTEMATIC ACCOUNT

Subfamily : SARCOPHAGINAE

Tibia : SARCOPHAGINI

Subtribe : PARASARCOPHAGINA

1. *Bercaea haemorrhoidalis* (Fallén)

1816. *Musca haemorrhoidalis* Fallén, *Vetensk. Akad. Handl.* : 236.

1989. *Bercaea haemorrhoidalis* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 23.

Material : 1 ♂, Nagaland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989.

2. *Boettcherisca* (s. str.) *peregrina* (Robineau-Desvoidy)

1830. *Myophora peregrina* Robineau-Desvoidy, *Essai. Myodaires*, 1 : 356.

1989. *Boettcherisca* (s. str.) *peregrina* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 23.

Material : 1 ♂, Nagaland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989.

3. *Lioproctia (Coonorina) pattoni* (Senior-White)

1924. *Sarcophaga pattoni* Senior-White, *Rec. Indian Mus.*, 26 (3) : 242.

1977. *Lioproctia (Coonorina) pattoni* : Lopes, Kano, Shinonaga and Kurahashi, *Cat. Dipt. Oriental Region*, 3 : 567.

Material : 1 ♂, Nagaland ; Mokokchung Circuit House Campus, 1,325 m., 27.x.1989.

Distribution ; India (Nagaland, Tamil Nadu) ; Formosa ; South China ; Viet Nam,

4. *Parasarcophaga (Liopygia) ruficornis* (Fabricius)

1794. *Musca ruficornis* Fabricius, *Ent. Syst.*, 4 : 314.

1989. *Parasarcophaga (Liopygia) ruficornis* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 24.

Material : 3 ♂♂, Nagaland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989 ; 1 ♂, Kohima Science College Campus, 1,495 m., 21.x.1989.

5. *Parasarcophaga (Liosarcophaga) brevicornis* (HO)

1934. *Sarcophaga brevicornis* HO, *Bull. Fan. Mem. Inst. Biol.*, 5 (1) : 23.

1989. *Parasarcophaga (Liosarcophaga) brevicornis* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 24.

Material : 2 ♂♂, Nagaland ; Kohima Zoological Park, 1,495 m., 21.x.1989 ; 1 ♂, Kohima Science Campus, 1,495 m., 21.x.1989 ; 1 ♂, Dimapur Hospital Campus, 195 m., 23.x.1989.

6. *Parasarcophaga (Liosarcophaga) dux* (Thomson)

1868. *Sarcophaga dux* Thomson, *Kongl. Seven. Freg. Eugen. Resa.*, p. 534.

1988. *Parasarcophaga (Liosarcophaga) dux* : Nandi, *J. Bengal nat. Hist. Soc.*, 7 (2) : 14.

Material : 3 ♂♂, Nagaland ; Dimapur Circuit House Campus, 195 m., 23.x.1989.

7. *Parasarcophaga (Liosarcophaga) jaipurensis* Nandi

Parasarcophaga (Liosarcophaga) jaipurensis Nandi, *J. Bengal nat. Hist. Soc.*, (in press).

Material : 1 ♂, Nagaland ; Tuensang Circuit House Campus, 1,371 m., 26.x.1989.

Distribution : India (Haryana, Himachal Pradesh, Nagaland and Rajasthan).

8. **Parasarcophaga (Liosarcophaga) scopariformes (Senior-White)**

1927. *Sarcophaga scopariformes* Senior-White, *Spolia zeylan.*, 14 : 82.

1982. *Parasarcophaga (Liosarcophaga) scopariformes* : Nandi, *Rec. zool. Surv. India*, 80 : 119.

Material : 3 ♂♂, Nagaland ; Dimapur Hospital Campus, 195 m., 23.x.1989.

Distribution : India (Assam, Manipur, Nagaland, West Bengal) ; China ; Hainan Island ; Laos ; Sri Lanka.

9. **Parasarcophaga (s. str.) albiceps (Meigen)**

1825. *Sarcophaga albiceps* Meigen, *Syst. Besch.*, 5 : 22.

1989. *Parasarcophaga (s. str.) albiceps* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 23.

Material : 6 ♂♂, Nagaland ; Dimapur War Cemetery Campus, 1,490 m., 22.x.1989 ; 14 ♂♂, Tuensang Circuit House Campus, 1,371 m., 26.x.1989 ; 2 ♂♂, Mokokchung Circuit House Campus, 1,325 m., 27.x.1989 ; 2 ♂♂, Kohima Science College Campus, 1,495 m., 21.x.1989.

10. **Parasarcophaga (s. str.) knabi (Parker)**

1917. *Sarcophaga knabi* Parker, *Proc. U. S. natn. Mus.*, 54 : 96.

1989. *Parasarcophaga (s. str.) knabi* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 24.

Material : 1 ♂, Nagaland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989 ; 4 ♂♂, Dimapur Hospital Campus, 195 m., 23.x.1989.

11. **Parasarcophaga (s. str.) macroauriculata (HO)**

1932. *Sarcophaga macroauriculata* HO, *Bull. Fan. Mem. Inst. Biol.*, 3 : 347.

1982. *Parasarcophaga (s. str.) macroauriculata* : Nandi, *Rec. zool. Surv. India*, 79 : 459.

Material : 1 ♂, Nagaland ; Dimapur Hospital Campus, 195 m., 23.x.1989.

12. **Parasarcophaga (s. str.) orchidea (Böttcher)**

1913. *Sarcophaga orchidea* Böttcher, *Annl. Hist. nat. Mus. Natn. hung.*, 11 : 375.

1989. *Parasarcophaga (s. str.) orchidea* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 24.

Material : 1 ♂, Nagaland ; Kohima Zoological Park, 1,495 m., 21.x.1989 ; 4 ♂♂,

Dimapur Hospital Campus, 195 m., 23.x.1989 ; 3 ♂♂, Dimapur Circuit House Campus, 195 m., 23.x.1989.

13. *Robineuella (Jantiella) coei* (Rohdendorf)

1966. *Robineuella (Jantiella) coei* Rohdendorf, *Bull. Brit. Mus. (Nat. Hist.) Ent.*, 17 (10) : 458.

1976. *Robineuella (Jantiella) coei* : Nandi, *Rev. Brasil Biol.*, 36 (4) : 920.

Material : 1 ♂, Nagaland ; Mokokchung Circuit House Campus, 1,325 m., 27.x.1989.

14. *Rosellea khasiensis* (Senior-White)

1924. *Sarcophaga khasiensis* Senior-White, *Rec. Indian Mus.*, 26 (3) : 246.

1977. *Rosellea khasiensis* : Lopes, Kano, Shinonaga and Kurahashi, *Cat. Dipt. Oriental Region*, 3 : 574.

Material : 1 ♂, Nagaland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989.

Distribution : India (Kashmir, Meghalaya, Nagaland, Sikkim) ; Nepal.

15. *Sarcorohdendorfia pusana* (Senior-White)

1924. *Sarcophaga pusana* Senior-White, *Rec. Indian Mus.*, 26 (3) : 245.

1977. *Sarcorohdendorfia pusana* : Lopes, Kano, Shinonaga and Kurahashi, *Cat. Dipt. Oriental Region*, 3 : 574.

Material : 1 ♂, Nagaland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989.

Subtribe : HELICOPHAGELLINA

16. *Pierretia (Ascelotella) calicifera* (Böttcher)

1912. *Sarcophaga calicifera* Böttcher, *Ent. Mitt.*, 1 : 169.

1988. *Pierretia (Ascelotella) calicifera* : Nandi, *J. Bengal nat. Hist. Soc.*, 7 (2) : 21.

Material : 1 ♂, Nagaland ; Mokokchung Circuit House Campus, 1,325 m., 27.x.1989.

Subtribe : HARPAGOPHALLINA

17. *Harpagophalla kempi* (Senior-White)

1924. *Sarcophaga kempi* Senior-White, *Rec. Indian Mus.*, 26 (3) : 247.

1988. *Harpagophalla kempi* : Nandi, *J. Bengal nat. Hist. Soc.*, 7 (2) : 18.

Material : 3♂♂, Nagaland ; Dimapur Hospital Campus, 195 m., 23.x.1989.

18. *Iranihindia martellata* (Senior-White)

1924. *Sarcophaga martellata* Senior-White, *Rec. Indian Mus.*, 26 (3) : 247.

1988. *Iranihindia martellata* : Nandi, *J. Bengal nat. Hist. Soc.*, 7 (2) : 18.

Material : 1♂, Nagaland ; Dimapur Hospital Campus, 195 m., 23.x.1989.

Subtribe : SENIORWHITEINA

19. *Seniorwhitea krameri* (Böttcher)

1912. *Sarcophaga krameri* Böttcher, *Ent. Mitt.*, 1 : 166.

1989. *Seniorwhitea krameri* : Nandi, *J. Bengal nat. Hist. Soc.*, 8 (1) : 29.

Material : 2♂♂, Nagland ; Kohima War Cemetery Campus, 1,490 m., 22.x.1989 ; 1♂, Dimapur Hospital Campus, 195 m., 23.x.1989 ; 1♂, Mokokchung Circuit House Campus, 1,325 m., 27.x.1989.

SUMMARY

Nineteen species under eleven genera treated here are recorded for the first time from Nagaland, India.

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