

ON FORMICIDAE (INSECTA : HYMENOPTERA) OF NONGKHYLLEM WILD LIFE SANCTUARY, RI-BHOI DISTRICT, MEGHALAYA

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INTRODUCTION

Ants form a single large family—the Formicidae. They are found in all terrestrial habitats. Majority of them are omnivorous and play a major role as predators and scavengers. Besides animal food they also utilize plant seeds, nectar and honey dew secreted by the plant sucking insects. Ants are social insects and they live in groups. Nests may vary from simple to complex structures made on ground, leaves, under bark on tree trunk or rotten wood. Some species even form symbiotic associations.

Nongkhyllem Wild Life Sanctuary established on the 15th of March 1981 is aimed at protecting, propagating and developing the wild life. Located at the Ri-Bhoi district of Meghalaya, it covers an area of 29 sq. km. and forms a portion of the Nongkhyllem Reserve Forest. It is approachable from Umling and Nongpoh. The sanctuary engulfs hills and low lands and is drained by rivers and streams like Umran, Umring, Umpurthih and Umtru. The vegetation is of a mixed type.

Mathew and Tiwari (2000), reported 163 species of ants under 52 genera from Meghalaya which included 40 species recorded from the Nongkhyllem Reserve Forest. The present report, based on the observations made and collections deposited at the Eastern Regional Station, Zoological Survey of India, Shillong, reveals 52 species under 24 genera. Species listed with asterik marks are new records for the sanctuary.

SYSTEMATIC ACCOUNT

Phylum ARTHROPODA

Class INSECTA

Order HYMENOPTERA

Family FORMICIDAE

1. Subfamily AENICTINAE

1. *Aenictus binghami* Forel

1901. *Aenictus binghami* Forel, *J. Bombay nat. Hist. Soc.*, 13 : 465.

Material examined : 9 ex. (Regd. No. A1/5857, 5858, 5859), Nongpoh, 19.x.1982.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : Myanmar.

2. *Aenictus fergusonii* Forel*

1901. *Aenictus fergusonii* Forel, *J. Bombay nat. Hist. Soc.*, **13** : 473.

Material examined : 4 ex. (Regd. No. A1/621, 6122), Raitwang, 10.ii.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Sikkim, Southern and Western India.

2. Subfamily CERAPACHYINAE

3. *Cerapachys aitkenii* Forel

1900. *Cerapachys aitkenii* Forel, *J. Bombay nat. Hist. Soc.*, **13** : 332.

Material examined : 9 ex. Umtasor, 25.iv.84.

Distribution : Within N. E. India Meghalaya. *Elsewhere* India : Karnataka, Western India.

4. *Cerapachys sulcinodis* Emery

1889. *Cerapachys sulcinodis* Emery, *Ann. Mus. Civ. Stor. Nat. Genova*, **27** : 493.

Material examined : 7 ex. (Regd. No. A1/6006, 6007, 6019, 6020, 6021, 6023, 6035), Umtasor, 31.iii.84.

Distribution Within N. E. India Meghalaya. *Elsewhere* : India : Sikkim, Myanmar, Malay Peninsula.

3. Subfamily PONERINAE

5. *Diacamma rugosum* (Le Guillou)*

1842. *Ponera rugosa* Le Guillou, *Annals de la Societe Entomologique de France*, **10** : 318.

For various synonyms see Bolton, 1995 : 170.

Material examined : 1 ex. (Regd. No. A1/5049), Nongpoh, 28.i.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : Karnataka, Maharashtra, Orissa, West Bengal; Myanmar, Sri Lanka.

6. *Diacamma scalpratum* (F. Smith)

1858. *Ponera scalprata* F. Smith, *Cat. Hym. Brit. Mus.*, **6** : 84.

For various synonyms see Bolton, 1995 : 170.

Material examined : 10 ex. (Regd. No. A1/5829, 5833, 5834, 5835, 5844, 10121, 11204, 11205), Umtasor, 19.v.82, 24.ix.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : Sikkim, Myanmar.

7. *Gnamptogenys bicolor* (Emery)

1889. *Ectatomma (Stictoponera) bicolor* Emery, *Ann. Mus. Civ. Stor. Nat. Genova*, 27 : 493.

For various synonyms see Bolton, 1995 : 208.

Material examined : 9 ex. (Regd. No. A1/5795, 5796, 5810, 5821, 5822, 5849), La-ilad, 23.i.82; Umtasor, 19.v.82 and 24.ix.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : Myanmar, China, Malay Peninsula.

8. *Leptogenys diminuta* F. Smith.

1857. *Ponera diminuta* F. Smith, *J. Proc. Linn. Soc., Zool. London*, 2 : 69.

Material examined : 3 ex. (Regd. No. A1/6032, 6049, 6052), Umtasor, 31.iii.84.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Throughout India, except the drier parts of Punjab and Central India.

9. *Leptogenys jeanettei* Mathew & Tiwari

2000. *Leptogenys jeanettei* Mathew & Tiwari, *Zool. Surv. India, State Fauna Series 4, Fauna of Meghalaya, Part-7* : 281.

Material examined : 2 ex. (Regd. No. A1/10011, 10012), La-ilad, 12.iii.87.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Not known.

10. *Leptogenys kitteli* (Mayr)

1870. *Lobopelta kitteli* Mayr, *Verh. zool.-bot. Ges. Wien*, 20 : 966.

For various synonyms see Bolton, 1995 : 232.

Material examined : 5 ex. (Regd. No. A1/5847, 5848, 6034, 6042), Umtasor, 19.v.82, 31.iii.84; Nongpoh, 19.x.82 and 28.x.83.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : West Bengal, along the foot hills of Himalayas from Simla to Sikkim, Myanmar.

11. *Odontoponera transversa* (F. Smith)

1857. *Ponera transversa* F. Smith, *J. Proc. Linn. Soc., Zool. London*, 2 : 68.

For various synonyms see Bolton, 1995 : 298.

Material examined : 6 ex. (Regd. No. A1/5827, 5830, 5843, 6038, 6047, 11206), Umtasor, 24.ix.82, 31.iii.84; Nongpoh, 19.x.82; La-ilad, 22.iv.88.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : The whole of India.

12. *Pachycondyla amblyops* (Emery)

1887. *Ponera amblyops* Emery, *Ann. Mus. Civ. Stor. Nat. Genova*, **25** : 434.

For various synonyms see Bolton 1995 : 302.

Material examined : 2 ex. (Regd. No. A1/12925), Umtasor, 19.v.82.

Distribution Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : Sikkim, Myanmar, Malay, Peninsula.

13. *Pachycondyla astuta* F. Smith

1858. *Pachycondyla astuta* F. Smith, *Cat. Hym. Brit. Mus.*, **6** : 107.

For various synonyms see Bolton, 1995 : 303.

Material examined : 2 ex. (Regd. No. A1/5866, 5920), Umtasor, 19.v.82.

Distribution Within N. E. India : Assam, Meghalaya. *Elsewhere* : Myanmar, China, Malaya.

14. *Pachycondyla leeuwenhoekii* (Forel)*

1886. *Ponera leeuwenhoekii* Forel, *J. As. Soc. Beng.*, **55** : 244.

For various synonyms see Bolton, 1995 : 306.

Material examined : 1 ex. (Regd. No. A1/10013), La-ilad, 12.iii.87.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : West Bengal; Myanmar.

15. *Pachycondyla luteipes* (Mayr)*

1862. *Ponera luteipes* Mayr. *Verh. zool.-bot. Ges. Wien*, **12** : 722.

For various synonyms see Bolton, 1995 : 307.

Material examined : 9 ex. (Regd. No. A1/5865, 5868, 5915, 6015), Umtasor, 24.ix.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Throughout India : Myanmar, Sri Lanka, Malaya.

16. *Pachycondyla rufipes* (Jerdon)

1851. *Ponera rufipes* Jerdon, *Madr. J. Lit. S.*, **17** : 119.

For various synonyms see Bolton, 1995 : 309.

Material examined : 3 ex. (Regd. No. A1/5826, 5845, 12926), Umtasor, 19.v.82, 24.ix.82; Nongpoh, 19.x.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : West Bengal, Southern and Western India, Myanmar, Sri Lanka.

4. Subfamily PSEUDOMYRMECINAE

17. *Tetraponera aitkenii* (Forel)

1902. *Sima aitkenii* Forel, *Rev. Suisse Zool*, **10** : 245.

For various synonyms see Bolton, 1995 : 417.

Material examined : 2 ex. (Regd. No. A1/5871, 5906), Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Karnataka.

18. *Tetraponera allabornas* (Walker)

1859. *Pseudomyrma allaborans* Walker, *Ann. Mus. Nat. Hist*, **3**(4) : 375.

For various synonyms see Bolton, 1995 : 417.

Material examined : 18 ex. (Regd. No. A1/5904, 5905, 5910, 5919, 5925-29, 6064, 6067, 10122), Umtasor, 19.v.82, 24.ix.82; Nongpoh, 28.i.82; La-ilad, 27.v.87.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : West Bengal; China, Formosa, Java, Myanmar, Philippines, Singapore, Sri Lanka, Sumatra.

19. *Tetraponera rufonigra* (Jerdon)*

1851. *Eciton rufonigra* Jerdon, *Madr. J. Lit. Sc.*, **12** : 111.

For various synonyms see Bolton, 1995 : 419.

Material examined : 3 ex. (Regd. No. A1/5846, 6063), Nongpoh, 19.x.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Through out India; Cambodia, China, Java, Myanmar, Singapore, Sri Lanka, Sumatra.

5. Subfamily MYRMICINAE

20. *Cataulacus taprobanae* F. Smith

1853. *Cataulacus taprobanae* F. Smith, *Trans. Ent. Soc. London*, **2** : 225.

Material examined : 6 ex. (Regd. No. A1/5097, 5838, 5839, 5840, 5842, 10125), Nongpoh, 23.i.82, 19.v.82, 24.x.82; La-ilad, 27.v.87.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : Kerala, Maharashtra, Sikkim, West Bengal, Western India; Myanmar, Sri Lanka, Sumatra.

21. *Crematogaster rogenhoferi* Mayr

1879. *Crematogaster rogenhoferi* Mayr, *Verh. zool.-bot. Ges. Wien*, **28** : 683.

Material examined : 55 ex. (Regd. No. A1/9877, 10120), Nongpoh, 6.xii.86; La-ilad, 27.v.87.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* India : Kerala, Maharashtra, Sikkim, West Bengal, Western India, Sri Lanka, Sumatra.

22. *Crematogaster rothneyi* Mayr*

1879. *Crematogaster rothneyi* Mayr, *Verh. zool.-bot. Ges. Wien*, **28** : 685.

Material examined : 1 ex. (Regd. No. A1/6043), Nongpoh, 28.x.83.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Maharashtra, Sikkim, West Bengal.

23. *Lophomyrmex bedoti* Emery*

1893. *Lophomyrmex bedoti* Emery, *Rev. Suisse. Zool.*, **1** : 192.

Material examined : 19 ex. (Regd. No. A1/5070, 5806, 5818, 5841, 5855, 6018, 6044), Nongpoh, 11.iv.78, 19.x.82; Umtasor, 24.ix.82, 31.iii.84; La-ilad, 23.i.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Myanmar, Sumatra.

24. *Lophomyrmex birmanus* Emery

1893. *Lophomyrmex birmanus* Emery, *Rev. Suisse. Zool.*, **1** : 192.

Material examined : 4 ex. (Regd. No. A1/5916, Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Myanmar.

25. *Lophomyrmex quadrispinosus* (Jerdon)

1851. *Oecodoma quadrispinosus* Jerdon, *Madr. J. Lit. Sc.*, **17** : 3.

For various synonyms see Bolton, 1995 : 248.

Material examined : 9 ex. (Regd. No. A1/5062, 5828, 6008, 6039), Nongpoh, 28.i.82; Umtasor, 24.ix.82, 25.iv.84, 31.iii.84.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Karnataka, Kerala, Orissa, Sikkim, Uttar Pradesh, West Bengal.

26. *Meranoplus bicolor* (Guerin-Meneville)*

1844. *Cryptocerus bicolor* Guerin-Meneville, *Cuv. Iconogr. Regn. Anim. Ins.*, **3** : 425.

For various synonyms see Bolton, 1995 : 250.

Material examined : 2 ex. (Regd. No. A1/10119), La-ilad, 27.v.87.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Throughout India; Malaya, Myanmar.

27. *Meranoplus laeviventris* Emery

1889. *Meranoplus laeviventris* Emery, *Ann. Mus. Civ. Stor. Nat. Genova*, **27** : 506.

Material examined : 4 ex. (Regd. No. A1/5869), Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Myanmar.

28. *Monomorium longi* Forel*

1902. *Monomorium longi* Forel, *Rev. Suisse. Zool.*, **10** : 211.

Material examined : 1 ex. (Regd. No. A1/6050), Umtasor, 31.iii.84.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : Not known.

29. *Recurvidris recurvispinosa* (Forel)

1890. *Trigonogaster recurvispinosa* Forel, *Ann. Soc. Ent. Belg.*, **34** : 110.

For various synonyms see Bolton, 1995 : 377.

Material examined : 4 ex. (Regd. No. A1/5811, 5814, 5826, 6053), Umtasor, 24.ix.82, 31.iii.84.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Maharashtra; China.

30. *Rhoptromyrmex wroughtonii* Forel

1902. *Acidomyrmex wroughtonii* Forel, *Rev. Suisse. Zool.*, **10** : 231.

Material examined : 37 ex. (Regd. No. A1/5861, 5863, 6133, 6137, 9900), Nongpoh, 28.i.82, 1.x.82, 6.xii.86; Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Karnataka; China, Indochina, Malaya, Philippines, Taiwan, Thailand.

31. *Tetramorium barryi* Mathew

1981. *Tetramorium barryi* Mathew, *Oriental Ins.*, **14**(4) : 424-427.

Material examined : 2 ex. (Regd. No. A1/6037, 6048), Umtasor, 31.iii.84.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Not known.

32. *Tetramorium bicarinatum* (Nylander)

1846. *Myrmica bicarinata* Nylander, *Acta. Soc. Scient. fenn.*, **2** : 1041-1062.

For various synonyms see Bolton, 1995 : 405.

Material examined : 4 ex. (Regd. No. A1/5786, 5803, 5819, 5824), Umtasor, 24.ix.82.

Distribution : Within N. E. India : Arunachal Pradesh, Assam, Meghalaya. *Elsewhere* : India : Andaman Islands, Karnataka; China, Bhutan, Myanmar, Pakistan, Sri Lanka, Malaysia, Sumatra, Taiwan, Philippines, Britain, Australia, Brazil, Peru, U.S.A., Holland, Colombia.

6. Subfamily DOLICHODERINAE

33. *Dolichoderus affinis* Emery

1889. *Dolichoderus affinis* Emery, *Ann. Mus. Civ. Stor. Nat. Genova*, **27** : 508.

Material examined : 4 ex. (Regd. No. A1/5065), Nongpoh, 28.i.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : Myanmar, Siam.

34. *Dolichoderus feae* Emery

1889. *Dolichoderus feae* Emery *Ann. Mus. Civ. Stor. Nat. Genova*, **27** : 509.

Material examined : 3 ex. (Regd. No. A1/5063), Nongpoh, 28.i.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Myanmar.

35. *Dolichoderus sundari* Mathew & Tiwari

2000. *Dolichoderus sundari* Mathew & Tiwari, *Zool. Surv. India, State Funa Series 4, Fauna of Meghalaya, Part-7* : 341.

Material examined : 10 ex. (Regd. No. A1/13028, 13029), Nongkhylllem Reserve Forest, 28.i.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Not known.

36. *Liometopum lindgreeni* Forel

1902. *Liometopum lindgreeni* Forel, *Ann. Soc. Ent. Belg.*, **46** : 293.

Material examined : 2 ex. (Regd. No. A1/6054), Umtasor, 31.iii.84.

Distribution Within N. E. India : Assam, Meghalaya. *Elsewhere* : Myanmar.

7. Subfamily FORMICINAE

37. *Camponotus camelinus* (F. Smith)

1857. *Formica camelinus* F. Smith. *J. Proc. Linn. Soc. Zool. London*, **2** : 57.

For various synonyms see Bolton, 1995 : 90.

Material examined : 4 ex. (Regd. No. A1/5860, 5862, 5872, 6017), Nongpoh, 19.x.82, 28.x.83; Umtasor, 24.ix.82; La-ilad, 23.i.82.

Distribution . Within N. E. India : Meghalaya. *Elsewhere* : India : Sikkim, Myanmar, Singapore, Sumatra.

38. *Camponotus selene* (Emery)

1889. *Polyrhachis selene* Emery, *Ann. Mus. Civ. Stor. Nat. Genova*, **27** : 516.

For various synonyms see Bolton, 1995 : 123.

Material examined : 14 ex. (Regd. No. A1/5836, 5837, 5853, 5856, 9898). Umtasor, 24.ix.82, 19.v.82; Nongpoh, 6.xii.86.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Throughout India.

39. *Camponotus wasmanni* Emery

1893. *Camponotus wasmanni* Emery, *Rev. Suisse. Zool.*, 1 : 224.

Material examined : 2 ex. (Regd. No. A1/5922), Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Throughout India.

40. *Echinopla* sp.

Material examined : 2 ex. (Regd. No., A1/12927), Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Nicobar Island, Australia, Borneo, Java, Indonesia, Malaysia, New Guinea, Philippines, Singapore, Sulawesi, Sumatra.

41. *Lepisiota capensis* Forel

1862. *Acantholepis capensis* Myar, *Verh. zool.-bot. Ges. Wien.*, 12 : 699.

Material examined : 5 ex. (Regd. No. A1/6024, 6040, 6041), Nongpoh, 28.x.83; Umtasor, 31.iii.84.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Sikkim; Myanmar, Singapore, Sumatra.

42. *Oecophylla smaragdina* (Fabricius)

1775. *Formica Smaragdina* Fabricius, *Syst. Ent.*, : 828.

For various synonymies see Bolton, 1995 : 298.

Material examined : 74 ex. (Regd. No. A1/5785, 5815, 5852, 6005, 6036, 9899, 10006, 10007), Umtasor, 24.ix.82, 31.iii.84; La-ilad, 23.i.82, 12.v.87; Nongpoh, 19.x.82, 23.xii.78.

Distribution : Within N. E. India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura. *Elsewhere* : Throughout India; China, Myanmar, Sri Lanka, New Britain.

43. *Paratrechina longicornis* (Latreille)

1802. *Formica longicornis* Latreille, *Nat. Hist. Fourmis*, : 113.

For various synonyms see Bolton, 1995 : 314.

Material examined : 3 ex. (Regd. No. A1/12928), Umtasor, 19.v.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Throughout India.

44. *Polyrhachis armata* (Le Guillou)

1842. *Formica armata* Le Guillou, *Ann. Soc. Ent. Fr.*, **10** : 313.

For various synonyms see Bolton, 1995 : 343.

Material examined : 11 ex. (Regd. No. A1/5791, 5801, 5807-09, 5817, 6012-14, 6075), Umtasor, 19.v.82, 24.ix.82; Nongpoh, 28.x.83, 25.iv.80.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : Borneo, Java, Myanmar, Philippines.

45. *Polyrhachis dives* F. Smith*

1857. *Polyrhachis dives* F. Smith, *J. Proc. Linn. Soc. Zool. London*, **2** : 64.

Material examined : 17 ex. (Regd. No. A1/5794, 5804, 5832, 5837, 6072, 6389, 6409), La-ilad, 23.i.82; Umtasor, 19.v.82, 19.i.83; Nongpoh, 28.i.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Borneo, China, Formosa, Java, Indo-China, Japan, Malaya Peninsula, New Guinea, Sumatra, Philippines.

46. *Polyrhachis furcata* F. Smith

1858. *Polyrhachis furcata* F. Smith, *Cat. Hym. Brit. Mus.*, **6** : 64.

Material examined : 7 ex. (Regd. No. A1/5792, 5805, 5816, 10116), La-ilad, 23.i.82, 27.v.87; Umtasor, 24.ix.82.

Distribution : Within N. E. India Assam, Meghalaya. *Elsewhere* Borneo, Myanmar.

47. *Polyrhachis hector* F. Smith

1857. *Polyrhachis hector* F. Smith, *J. Proc. Linn. Soc., Zool. London*, **2** : 62.

Material examined : 7 ex. (Regd. No. A1/5787, 5788, 5799, 5823, 5850, 10118), Umtasor, 24.ix.82; La-ilad, 23.i.82, 27.v.87; Nongpoh, 19.x.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : Myanmar, Sumatra.

48. *Polyrhachis illaudata* Walker*

1859. *Polyrhachis illaudata* Walker, *Ann. Mus. Nat. Hist.*, **4** : 373.

Material examined : 2 ex. (Regd. No. A1/5939, 11203), Nongpoh, 19.x.82; La-ilad, 22.iv.88.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Karnataka, Kerala, Sikkim, West Bengal; Borneo, china, Java, Myanmar, Philippines, Sri Lanka, Sumatra.

49. *Polyrhachis laevissima* F. Smith

1858. *Polyrhachis laevissima* F. Smith, *Cat. Hym. Brit. Mus.*, 6 : 64.

Material examined : 5 ex. (Regd. No. A1/5790, 5800, 5812, 5825), Umtasor, 24.ix.82, 19.v.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : Orissa, West Bengal; Borneo, Java, Myanmar, Siam, Singapore.

50. *Polyrhachis rastellata* (Latreille)

1802. *Formica rastellata* Latreille, *Hist. Nat. Fourm.* 130.

For various synonyms see Bolton, 1995 : 355.

Material examined : 11 ex. (Regd. No. 5789, 5798, 5802, 5854, 5867, 5938, 6051, 6395), Umtasor, 19.v.82, 24.ix.82, 19.i.83, 31.iii.84; Nongpoh, 19.i.82.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Karnataka, Maharashtra; Borneo, Myanmar, Siam, Sumatra.

51. *Polyrhachis striata* (Mayr)

1862. *Polyrhachis striatus* Mayr, *Verh. zool.-bot. Ges. Wien*, 12 : 686.

For various synonyms see Bolton, 1995 : 357.

Material examined : 2 ex. (Regd. No. A1/5793, 5940), Umtasor, 24.ix.82; Nongpoh, 19.x.82.

Distribution : Within N. E. India : Assam, Meghalaya. *Elsewhere* : India : Sikkim; Borneo, China, Indo-China, Java, Sumatra, Myanmar.

52. *Polyrhachis tibialis* F. Smith*

1858. *Polyrhachis tibialis* F. Smith, *Cat. Hym. Brit. Mus.*, 6 : 63.

Material examined : 2 ex. (Regd. No. 10117), La-ilad, 27.v.87.

Distribution : Within N. E. India : Meghalaya. *Elsewhere* : India : Karnataka, West Bengal; Myanmar.

SUMMARY

A total of 52 species under 24 genera and 7 subfamilies are reported. Indo-Australian genus *Echinopla* is reported for the first time from Peninsular India.

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