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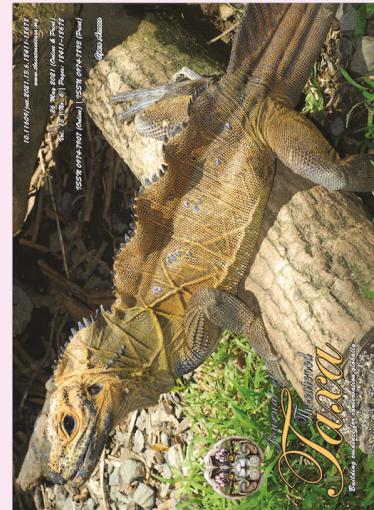
REVIEW

TERMITES (BLATTODEA: ISOPTERA) OF SOUTHERN INDIA: CURRENT KNOWLEDGE ON DISTRIBUTION AND SYSTEMATIC CHECKLIST

M. Ranjith & C.M. Kalleshwaraswamy

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Termites (Blattodea: Isoptera) of southern India: current knowledge on distribution and systematic checklist

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Abstract: A checklist of termites (Blattodea: Isoptera) of southern India with their distribution is presented in this paper. In total, 132 species from five families are listed, of which Termitidae Latreille, 1802 is the dominant family comprising 101 species from 27 genera and four subfamilies. The recent additions of species to the regional termite diversity are *Krishnacapritermes dineshan* Amina & Rajmohana, 2020, *K. manikandan* Amina & Rajmohana, 2020, and *Pseudocapritermes kunjepu* Mathew, 2020. Out of 132 species recorded from southern India, 60 species and five genera are endemic to the region, and the subfamily Termitinae Latreille, 1802 accounts for maximum endemism.

Keywords: Endemism, taxonomy, Termitidae, white ants.

Editor: Anonymity requested.

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INTRODUCTION

Termites, also called “white ants” are considered soil engineers and structural pests. Interestingly, they are known as eusocial cockroaches in the order Blattodea Brunner von Wattenwyl, 1882. Molecular phylogenetic data obtained from termites revealed that, Isoptera is not a separate order, and can be considered under Blattodea along with cockroaches (Inward et al. 2007). Krishna et al. (2013) estimated about 2,933 species of extant termites in the world. India has a high diversity of termites, but the Indian termite fauna shares a very small portion of the global fauna, i.e., approximately 295 species, 52 genera, and six families (Krishna et al. 2013; Rajmohana et al. 2019). The first ever taxonomic work on Indian termites was carried out in southern India by König (1779) and the last comprehensive work was by Bose (1984) who reported 95 species from the region. This comprehensive taxonomic work is made to list all the termites recorded so far from the southern Indian region, which should serve as a base for further taxonomic research.

MATERIALS AND METHODS

Southern India comprises five states of India—Kerala, Tamil Nadu, Karnataka, Andhra Pradesh, and Telangana. This region is composed of various climatic conditions ranging from tropical to sub-tropical zones and lies between 8–20°N and 74–85°E. Most of these regions lie between the Western Ghats and Eastern Ghats and the coastal region. The Western Ghats is the hotspot of diversity; climate is hot and arid in some regions whereas in other parts it is hot and humid, or cold with 25–32 °C temperature during hot season and 23–30 °C in the cool season.

The checklist has been mainly based on available literature rather than extensive taxonomic work. The classification is based on Krishna et al. (2013). This list has been compiled based on Roonwal & Chhotani (1989), Chhotani (1997), Krishna et al. (2013), and original descriptions. The literature published until date is considered for making the checklist of termites and their distribution in southern India.

RESULTS AND DISCUSSION

The checklist for the five families and 132 species reported from southern India along with their distribution

are provided here. Among the reported, Termitidae Latreille, 1802 is the dominant family comprising of 101 species from four subfamilies. The family Termitidae accounts maximum generic diversity also (27 genera) followed by Kalotermitidae Froggatt, 1897 (five genera), and Rhinotermitidae Froggatt, 1897 (three genera). The genus *Odontotermes* Holmgren, 1910b (25 species) in the family Termitidae have high species diversity followed by genus *Neotermes* Holmgren, 1911b from family Kalotermitidae with 10 species.

Endemism of termites to the region is high, out of the 132 species, 60 species (45.45%) (denoted by *) and five genera (denoted by **) are endemic to southern India. Subfamily Termitinae Latreille, 1802 of family Temitidae accounts for maximum endemism with 20 species out of 43 endemic species of the family. Three genera of subfamily Termitinae, viz., *Indocapritermes* Chhotani, 1997, *Krishnacapritermes* Chhotani, 1997, and *Labiocapritermes* Krishna, 1968 and two genera of subfamily Nasutitermitinae Hare, 1937, viz., *Ampoulitermes* Mathur & Thapa, 1962a and *Emersonitermes* Mathur & Sen-Sarma, 1959 are endemic to southern India.

Check list of termites of southern India

Family Hodotermitidae Desneux, 1904

Subfamily Hodotermitinae Desneux, 1904

Genus *Anacanthotermes* Jacobson, 1905

1. *Anacanthotermes viarum* (König, 1779)

Synonyms: *Termes viarum* König, 1779; *Hodotermes* (*Anacanthotermes*) *koenigi* Holmgren & Holmgren, 1917; *Anacanthotermes rugifrons* Mathur & Sen-Sarma, 1958.

Type locality: India: Tamil Nadu: Coimbatore.

Distribution: Tamil Nadu (König 1779; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013).

Family Kalotermitidae Froggatt, 1897

Genus *Cryptotermes* Banks, 1906

2. *Cryptotermes bengalensis* (Snyder, 1934)

Synonyms: *Kalotermes* (*Cryptotermes*) *bengalensis* Snyder, 1934; *Calotermes* (*Cryptotermes*) *brachygnathus* Jepson, 1931; *Calotermes* (*Cryptotermes*) *ceylonicus* Jepson, 1931; *Cryptotermes* *angulatus* Pinto, 1941.

Type locality: India: West Bengal: Sunderbans.

Distribution: Andhra Pradesh; Karnataka (Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

3. *Cryptotermes domesticus* (Haviland, 1898)

Synonyms: *Calotermes domesticus* Haviland, 1898;

Calotermes (Cryptotermes) ogasawaraensis Oshima, 1913; *Calotermes (Cryptotermes) dentatus* Oshima, 1914; *Cryptotermes campbelli* Light, 1924; *Cryptotermes hermsi* Kirby, 1925; *Calotermes (Cryptotermes) buxtoni* Hill, 1926; *Kalotermes (Cryptotermes) breviarticulatus* Snyder, 1926; *Calotermes (Cryptotermes) gulosus* Hill, 1927a; *Calotermes (Cryptotermes) repentinus* Hill, 1927a; *Calotermes (Cryptotermes) torresi* Hill, 1927b; *Calotermes (Cryptotermes) lignarius* Jepson, 1931; *Calotermes (Cryptotermes) tectus* Jepson, 1931.

Type locality: Malaysia: Borneo: Sarawak.

Distribution: Kerala (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

4. *Cryptotermes dudleyi* Banks, 1918

Synonyms: *Calotermes havilandi parasita* Wasmann, 1910; *Calotermes (Cryptotermes) jacobsoni* Holmgren, 1913c; *Planocryptotermes nocens* Light, 1921b; *Cryptotermes thompsonae* Snyder, 1922; *Cryptotermes (Planocryptotermes) primus* Kemner, 1932; *Cryptotermes (Planocryptotermes) javanicus* Kemner, 1934; *Cryptotermes melloi* Chhotani, 1970.

Type locality: Central America: Panama.

Distribution: Kerala; Karnataka (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

5. *Cryptotermes roonwali* Chhotani, 1970*

Type locality: India: Kerala: Beliapatam.

Distribution: Karnataka; Kerala (Chhotani 1970; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

Genus *Glyptotermes* Froggatt, 1897

6. *Glyptotermes chiraharitae* Amina & Rajmohana, 2016*

Type locality: India: Kerala: Kakkayam.

Distribution: Kerala (Amina & Rajmohana 2016).

7. *Glyptotermes coorgensis* (Holmgren & Holmgren, 1917)*

Synonym: *Calotermes (Glyptotermes) coorgensis* Holmgren & Holmgren, 1917.

Type locality: India: Karnataka: Coorg: Sidapur.

Distribution: Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

Genus *Neotermes* Holmgren, 1911

8. *Neotermes assmuthi* (Holmgren, 1913)

Synonym: *Calotermes (Neotermes) assmuthi* Holmgren, 1913b.

Type locality: India: Karnataka: Bangalore.

Distribution: Karnataka (Holmgren 1913b; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

9. *Neotermes dhirendrai* Bose, 1984*

Type locality: India: Tamil Nadu: Salem.

Distribution: Tamil Nadu (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

10. *Neotermes eleanorae* Bose, 1984*

Type locality: India: Karnataka: Mangalore.

Distribution: Karnataka (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013).

11. *Neotermes fletcheri* (Holmgren & Holmgren, 1917)

Synonym: *Calotermes (Neotermes) fletcheri* Holmgren & Holmgren, 1917.

Type locality: India: Tamil Nadu: Coimbatore.

Distribution: Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Mathew 2015).

12. *Neotermes greeni* (Desneux, 1908)

Synonym: *Calotermes greeni* Desneux, 1908.

Type locality: Sri Lanka.

Distribution: Tamil Nadu (Shanbhag & Sundararaj 2013).

13. *Neotermes keralai* Roonwal & Verma, 1972*

Type locality: India: Kerala: Trivandrum: Chackai.

Distribution: Kerala (Roonwal & Verma 1972; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

14. *Neotermes krishnai* Bose, 1984*

Type locality: India: Tamil Nadu: Salem.

Distribution: Tamil Nadu (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013).

15. *Neotermes nilamburensis* Thakur, 1978*

Type locality: India: Kerala: Nilambur.

Distribution: Kerala (Thakur 1978; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Mathew 2015).

16. *Neoterpes shimogensis* Thakur, 1975***Type locality:** India: Karnataka: Shimoga.**Distribution:** Karnataka (Sen-Sarma et al. 1975; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).**17. *Neoterpes venkateshwara* Bose, 1984*****Type locality:** India: Tamil Nadu: Topslip.**Distribution:** Tamil Nadu (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013).**Genus *Postelectrotermes* Krishna, 1961****18. *Postelectrotermes bhimi* Roonwal & Maiti, 1965*****Type locality:** India: Kerala: Kottayam: Vandiperiyar.**Distribution:** Kerala (Roonwal & Maiti 1965; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).**19. *Postelectrotermes nayari* Roonwal & Verma, 1971*****Type locality:** India: Kerala State: Trivandrum: Chackai.**Distribution:** Kerala (Roonwal & Verma 1971; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).**Genus *Procryptotermes* Holmgren, 1910****20. *Procryptotermes dhari* Roonwal & Chhotani, 1963*****Type locality:** India: Tamil Nadu: Coimbatore.**Distribution:** Tamil Nadu (Roonwal & Chhotani 1963; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).**21. *Procryptotermes hunsurensis* Thakur, 1975*****Type locality:** India: Mysore: Kalbetta, Hunsur.**Distribution:** Karnataka (Thakur 1975; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).**22. *Procryptotermes valeriae* Bose, 1979*****Type locality:** India: Tamil Nadu: Nagercoil.**Distribution:** Tamil Nadu (Bose 1979, 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).**Family Rhinotermitidae Froggatt, 1897****Subfamily Coptotermitiniae Holmgren, 1910****Genus *Coptotermes* Wasmann, 1896****23. *Coptotermes beckeri* Mathur & Chhotani, 1969*****Type locality:** India: Tamil Nadu: Chennai.**Distribution:** Kerala; Tamil Nadu (Mathur & Chhotani 1969; Bose 1984; Roonwal & Chhotani 1989; Maiti 2006; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Amina et al. 2016c).**24. *Coptotermes ceylonicus* Holmgren, 1911****Type Localities:** Sri Lanka: Peradeniya; Heneratgoda; Seenigoda Estate.**Distribution:** Andhra Pradesh; Kerala; Tamil Nadu (Bose 1984; Roonwal & Chhotani 1989; Maiti 2006; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).**25. *Coptotermes heimi* (Wasmann, 1902)****Synonyms:** *Arrhinotermes heimi* Wasmann, 1902; *Coptotermes parvulus* Holmgren, 1913b.**Type locality:** India: Maharashtra: Ahmadnagar: Wallon.**Distribution:** Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Roonwal & Chhotani 1989; Maiti 2006; Rao et al. 2012; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).**26. *Coptotermes kishori* Roonwal & Chhotani, 1962****Type locality:** India: West Bengal: Murshidabad: Berhampur.**Distribution:** Kerala (Roonwal & Chhotani 1989; Maiti 2006; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).**Subfamily Heterotermitinae Froggatt, 1897****Genus *Heterotermes* Froggatt, 1897****27. *Heterotermes balwanti* Mathur & Chhotani, 1969****Type locality:** India: Orissa: Balukhand Forest Range.**Distribution:** Karnataka (Roonwal & Chhotani 1989; Maiti 2006; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Vidyashree et al. 2018).**28. *Heterotermes indicola* (Wasmann, 1902)****Synonym:** *Leucotermes indicola* Wasmann, 1902.**Type locality:** India: Maharashtra: Bombay.**Distribution:** Andhra Pradesh; Kerala (Rao et al. 2012; Amina & Rajmohana 2013a).**29. *Heterotermes malabaricus* Snyder, 1933****Type locality:** India: Karnataka: Mangalore.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Snyder 1933b; Bose 1984; Roonwal & Chhotani 1989; Maiti 2006; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

Subfamily Prorhinotermitiniae Quennedey & Deligne, 1975

Genus *Prorhinotermes* Silvestri, 1909

30. *Prorhinotermes flavus* (Bugnion & Popoff, 1910)

Synonyms: *Coptotermes flavus* Bugnion & Popoff, 1910; *Arrhinotermes japonicus* Holmgren, 1912c; *Arrhinotermes krakataui* Holmgren, 1913c; *Termitogetonella tibiaoensis* Oshima, 1920; *Prorhinotermes luzonensis* Light, 1921; *Prorhinotermes gracilis* Light, 1921b; *Prorhinotermes shiva* Roonwal & Thakur, 1963; *Prorhinotermes tibaoensisformis* Ahmad, 1965; *Prorhinotermes ravani* Roonwal & Maiti, 1966; *Prorhinotermes panaitanensis* Thakur & Thakur, 1992.

Type locality: Sri Lanka: Ambalangoda.

Distribution: Karnataka (Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

Family Stylotermitidae Holmgren & Holmgren, 1917

Subfamily Stylotermitinae Holmgren & Holmgren, 1917

Genus *Stylotermes* Holmgren & Holmgren, 1917

31. *Stylotermes fletcheri* Holmgren & Holmgren, 1917*

Type localities: India: Tamil Nadu: Coimbatore, Shevaroy Hills.

Distribution: Karnataka; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Roonwal & Chhotani 1989; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

Family Termitidae Latreille, 1802

Subfamily Apicotermitinae Grassé & Noirot, 1955

Genus *Euhamitermes* Holmgren, 1912

32. *Euhamitermes dentatus* Thakur & Chatterjee, 1974*

Type locality: India: Andhra Pradesh: Khammam: Annapradipalli Range: Lankapalli Block: Satpalli.

Distribution: Andhra Pradesh (Thakur & Chatterjee 1974; Bose 1984; Chhotani 1997; Krishna et al. 2013).

33. *Euhamitermes indicus* (Holmgren & Holmgren, 1917)*

Synonym: *Hamitermes (Euhamitermes) indicus* Holmgren & Holmgren, 1917.

Type locality: India: Tamil Nadu: Shevaroy Hills.

Distribution: Tamil Nadu (Holmgren & Holmgren

1917; Bose 1984; Chhotani 1997; Krishna et al. 2013).

34. *Euhamitermes karnatakensis* Roonwal & Chhotani, 1965

Type locality: India: Karnataka: Dharwar.

Distribution: Karnataka (Roonwal & Chhotani 1965; Bose 1984; Chhotani 1997; Krishna et al. 2013).

Genus *Eurytermes* Wasmann, 1902

35. *Eurytermes assmuthi* Wasmann, 1902

Type locality: India: Maharashtra: Khandala.

Distribution: Karnataka; Tamil Nadu (Chhotani 1997; Krishna et al. 2013).

36. *Eurytermes buddha* Bose & Maiti, 1966

Type locality: India: Tamil Nadu: Coimbatore.

Distribution: Karnataka; Tamil Nadu (Bose & Maiti 1966; Bose 1984; Chhotani 1997; Krishna et al. 2013).

37. *Eurytermes topslipensis* (Chatterjee & Thapa, 1963)*

Synonym: *Beesonitermes topslipensis* Chatterjee & Thapa, 1963.

Type locality: India: Tamil Nadu: Topslip: Mount Stuart.

Distribution: Kerala; Tamil Nadu (Chatterjee & Thapa 1963; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Speculitermes* Wasmann, 1902

38. *Speculitermes chadaensis* Chatterjee & Thapa, 1964*

Type locality: India: Madhya Pradesh: South Mandala Forest Division: Karanja.

Distribution: Kerala (Amina et al. 2016a).

39. *Speculitermes cyclops* Wasmann, 1902

Type locality: India: Maharashtra: Bombay: Khandala.

Distribution: Andhra Pradesh; Karnataka (Chhotani 1997; Krishna et al. 2013).

40. *Speculitermes deccanensis* Roonwal & Chhotani, 1962*

Type locality: India: Karnataka: Bababudin Hills.

Distribution: Karnataka (Roonwal & Chhotani 1962b; Bose 1984; Chhotani 1997; Krishna et al. 2013).

41. *Speculitermes dharwarensis* Roonwal & Chhotani, 1964

Type locality: India: Karnataka: Dharwar.

Distribution: Andhra Pradesh; Karnataka (Roonwal

& Chhotani 1964b; Bose 1984; Chhotani 1997; Krishna et al. 2013).

42. *Speculitermes emersoni* Bose, 1984*

Type locality: India: Kerala: Thekkadi.

Distribution: Karnataka; Kerala (Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

43. *Speculitermes goesswaldi* Roonwal & Chhotani, 1964

Type locality: India: Karnataka: Dharwar.

Distribution: Karnataka (Roonwal & Chhotani 1964; Bose 1984; Chhotani 1997; Krishna et al. 2013).

44. *Speculitermes sinhalensis* Roonwal & Sen-Sarma, 1960

Synonym: *Speculitermes cyclops sinhalensis* Roonwal & Sen-Sarma, 1960.

Type locality: Sri Lanka: Vavuniya.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Kalleshwaraswamy et al. 2018; Mathew 2015).

Subfamily Termitinae Latreille, 1802

Genus *Angulitermes* Sjöstedt, 1924

45. *Angulitermes acutus* Mathur & Sen-Sarma, 1961

Type locality: India: Tamil Nadu: Tirunelveli: Palayankottai.

Distribution: Tamil Nadu (Mathur & Sen-Sarma 1961; Bose 1984; Chhotani 1997; Krishna et al. 2013).

46. *Angulitermes fletcheri* (Holmgren & Holmgren, 1917)*

Synonym: *Mirotermes* (*Mirotermes*) *fletcheri* Holmgren & Holmgren, 1917.

Type locality: India: Karnataka: Bellary District: Hadagalli.

Distribution: Karnataka (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013).

47. *Angulitermes keralai* Verma, 1984*

Type locality: India: Kerala: Kondazhi.

Distribution: Kerala (Verma 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

48. *Angulitermes obtusus* (Holmgren & Holmgren, 1917)*

Synonyms: *Mirotermes* (*Mirotermes*) *obtusus* Holmgren & Holmgren, 1917.

Type locality: India: Karnataka: Bellary District:

Hospet.

Distribution: Karnataka (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013).

Genus *Dicuspiditermes* Krishna, 1968

49. *Dicuspiditermes achankovili* Verma, 1985*

Type locality: India: Kerala: Achankovil.

Distribution: Kerala; Tamil Nadu (Verma 1985b; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

50. *Dicuspiditermes boseae* Chhotani, 1997*

Type locality: India: Tamil Nadu: Kulasekaram Forest Range: Mylar.

Distribution: Tamil Nadu (Chhotani 1997; Krishna et al. 2013).

51. *Dicuspiditermes gravelyi* (Silvestri, 1922)

Synonyms: *Capritermes gravelyi* Silvestri, 1922.

Type localities: India: Maharashtra: Satara: Koyna Valley: Helvak.

Distribution: Karnataka; Kerala (Bose 1984; Chhotani 1997; Krishna et al. 2013; Amina et al. 2016b; Kalleshwaraswamy et al. 2018).

52. *Dicuspiditermes incola* (Wasmann, 1893)

Synonyms: *Eutermes incola* Wasmann, 1893; *Capritermes longicornis* Wasmann, 1902; *Dicuspiditermes fletcheri* (Holmgren & Holmgren, 1917); *Dicuspiditermes pername* Thakur & Chatterjee, 1971.

Type locality: Sri Lanka: Colombo.

Distribution: Karnataka; Kerala; Tamil Nadu (Chhotani 1997; Krishna et al. 2013; Mathew 2015).

53. *Dicuspiditermes obtusus* (Silvestri, 1923)

Synonyms: *Capritermes obtusus* Silvestri, 1923; *Capritermes obtusus abbreviatus* Silvestri, 1923.

Type locality: India: Orissa: Chilika lake: Barkuda Island.

Distribution: Karnataka (Chhotani 1997; Krishna et al. 2013).

54. *Dicuspiditermes sisiri* Chhotani, 1997*

Type locality: India: Kerala: Silent Valley.

Distribution: Kerala (Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Eremotermes* Silvestri, 1911

55. *Eremotermes fletcheri* Holmgren & Holmgren, 1917

Synonyms: *Eremotermes maliki* Ahmad, 1955.

Type locality: India: Tamil Nadu: Coimbatore.

Distribution: Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013).

56. *Eremotermes madrasicus* Roonwal & Sen-Sarma, 1960*

Type locality: India: Tamil Nadu: Villivakkam.

Distribution: Tamil Nadu (Roonwal & Sen-Sarma 1960; Bose 1984; Chhotani 1997; Krishna et al. 2013).

57. *Eremotermes paradoxalis* Holmgren, 1912

Type locality: India: Karnataka: Bangalore.

Distribution: Karnataka; Tamil Nadu (Holmgren 1912; Bose 1984; Chhotani 1997; Krishna et al. 2013).

Genus *Homallotermes* John, 1925

58. *Homallotermes pilosus* (Mathur & Thapa, 1962)*

Synonym: *Microcapritermes pilosus* Mathur & Thapa, 1962b.

Type locality: India: Tamil Nadu: Coimbatore: Topslip.

Distribution: Tamil Nadu; Kerala (Mathur & Thapa 1962b; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Indocapritermes* Chhotani, 1997**

59. *Indocapritermes aruni* Chhotani, 1997*

Type locality: India: Kerala: Silent Valley.

Distribution: Kerala (Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Krishnacapritermes* Chhotani, 1997**

60. *Krishnacapritermes dineshan* Amina & Rajmohana, 2020*

Type locality: India: Kerala: Idukki: Kurunjimala Shola.

Distribution: Kerala (Amina et al. 2020).

61. *Krishnacapritermes maitii* Chhotani, 1997*

Type locality: India: Tamil Nadu: Pumbarai: Palni Hills.

Distribution: Kerala; Tamil Nadu (Chhotani 1997; Krishna et al. 2013; Amina et al. 2020).

62. *Krishnacapritermes manikandan* Amina & Rajmohana, 2020*

Type locality: India: Kerala: Idukki: Amar Shola-Munnar.

Distribution: Kerala (Amina et al. 2020).

63. *Krishnacapritermes thakuri* Chhotani, 1997*

Synonym: *Pericapritermes travancorensis* Mathew &

Ipe, 2018.

Type locality: India: Kerala: Silent Valley.

Distribution: Kerala (Chhotani 1997; Krishna et al. 2013; Mathew 2015; Amina et al. 2020).

Genus *Labiocapritermes* Krishna, 1968**

64. *Labiocapritermes distortus* (Silvestri, 1922)*

Synonyms: *Capritermes distortus* Silvestri, 1922; *Pericapritermes vythirii* Verma, 1983.

Type locality: India: Kerala: Kavalai.

Distribution: Karnataka; Kerala; Tamil Nadu (Silvestri 1922; Verma 1983; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Microcerotermes* Silvestri, 1901

65. *Microcerotermes beesoni* Snyder, 1933

Synonyms: *Microcerotermes championi* Snyder, 1933b; *Microcerotermes lanceolatus* Mathur & Thapa, 1965.

Type locality: India: Uttarakhand: Haldwani: Chakrata Range.

Distribution: Andhra Pradesh; Kerala (Rao et al. 2012; Mathew 2015).

66. *Microcerotermes cameroni* Snyder, 1934

Type locality: India: Tamil Nadu: Madras: North Vellore District.

Distribution: Andhra Pradesh; Kerala; Tamil Nadu (Snyder 1934; Bo 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj, 2013; Mathew 2015).

67. *Microcerotermes fletcheri* Holmgren & Holmgren, 1917

Type locality: India: Karnataka: Mysore: Bababudin Hills.

Distribution: Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew et al. 2013; Kalleshwaraswamy et al. 2018, 2015; Vidyashree et al. 2018).

68. *Microcerotermes ganeshi* Bose, 1984*

Type locality: India: Tamil Nadu: Salem: Karambapatty Reserve Forest.

Distribution: Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013).

69. *Microcerotermes heimi* Wasmann, 1902

Type locality: India: Maharashtra: Ahmednagar: Wallon.

Distribution: Karnataka; Kerala (Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

70. *Microcerotermes kudremukhae* Chhotani, 1997*

Type locality: India: Karnataka: Kudremukh: Koppa Division: Kalasa Forest Range.

Distribution: Karnataka (Chhotani 1997; Krishna et al. 2013).

71. *Microcerotermes labioangulatus* Sen-Sarma & Thakur, 1975

Type locality: India: Tripura: Ambasa; Zoelchara.

Distribution: Andhra Pradesh (Krishna et al. 2013; Shanbhag & Sundararaj 2013).

72. *Microcerotermes minor* Holmgren, 1914

Type locality: Sri Lanka: Maha Iluppalam.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Amina et al. 2016b).

73. *Microcerotermes pakistanicus* Akhtar, 1974

Type locality: Pakistan: North West Frontier Province: Parachinar.

Distribution: Kerala; Karnataka (Chhotani 1997; Krishna et al. 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).

Genus *Pericapritermes* Silvestri, 1914

74. *Pericapritermes topslipensis* Thakur, 1976*

Type locality: India: Tamil Nadu: South Coimbatore Forest Division: Topslip.

Distribution: Karnataka; Tamil Nadu (Thakur 1976a; Bose 1984; Chhotani 1997; Krishna et al. 2013).

Genus *Procapritermes* Holmgren, 1912

75. *Procapritermes dakshinae* (Chhotani & Ferry, 1995)*

Synonym: *Malaysiocapritermes dakshinae* Chhotani & Ferry, 1995.

Type locality: India: Kerala: on road from Kolattupuzha to Nedumangad: near Arippal.

Distribution: Kerala (Chhotani & Ferry 1995; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

76. *Procapritermes keralai* (Chhotani & Ferry, 1995)†

Synonym: *Malaysiocapritermes keralai* Chhotani &

Ferry, 1995.

Type locality: India: Kerala: 5 km from road from Kothamangalam to Munnar.

Distribution: Kerala (Chhotani & Ferry 1995; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Pseudocapritermes* Kemner, 1934

77. *Pseudocapritermes fletcheri* (Holmgren & Holmgren, 1917)

Synonyms: *Capritermes fletcheri* Holmgren & Holmgren, 1917; *Pseudocapritermes fontanellus* Mathur & Thapa, 1961; *Pseudocapritermes goanicus* Thakur & Chatterjee, 1969; *Pseudocapritermes roonwali* Verma, 1985a.

Type locality: India: Tamil Nadu: Anamalai Hills.

Distribution: Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

78. *Pseudocapritermes kunjepu* Mathew, 2020*

Type locality: India: Kerala: Kottayam: Pinnakkannadu.

Distribution: Kerala (Ipe et al. 2020).

Genus *Synhamitermes* Holmgren, 1912

79. *Synhamitermes quadriceps* (Wasmann, 1902)

Synonyms: *Amitermes quadriceps* Wasmann, 1902.

Type locality: India: Maharashtra: Khandala.

Distribution: Karnataka; Kerala (Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

Subfamily Macrotermitinae Kemner, 1934

Genus *Hypotermes* Holmgren, 1913

80. *Hypotermes obscuriceps* (Wasmann, 1902)

Synonyms: *Termes obscuriceps* Wasmann, 1902; *Odontotermes (Hypotermes) marshalli* Kemner, 1926.

Type locality: Sri Lanka: Trincomali.

Distribution: Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

81. *Hypotermes xenotermitis* (Wasmann, 1896)

Synonyms: *Termes xenotermitis* Wasmann, 1896; *Hypotermes nongpriangi* Roonwal & Sen-Sarma, 1956.

Type locality: Myanmar: Palon.

Distribution: Kerala (Poovoli & Rajmohana 2019).

Genus *Macrotermes* Holmgren, 1909

82. *Macrotermes convulsionarius* (König, 1779)

Synonyms: *Termes convulsionarii* König, 1779; *Termes estherae* Desneux, 1908.

Type locality: Tamil Nadu: Tanjore.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (König 1779; Bose 1984; Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Mathew 2015).

Genus *Microtermes* Wasmann, 1902

83. *Microtermes incertoides* Holmgren, 1913

Type locality: India: Maharashtra: Ahmednager: Wallon.

Distribution: Andhra Pradesh; Karnataka; Tamil Nadu (Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

84. *Microtermes obesi* Holmgren, 1912

Synonyms: *Microtermes anandi* Holmgren, 1913b; *Microtermes anandi curvignathus* Holmgren, 1913b.

Type locality: India: Maharashtra: Khandala.

Distribution: Andhra Pradesh; Kerala; Tamil Nadu; Karnataka (Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).

85. *Microtermes unicolor* Snyder, 1933

Synonyms: *Microtermes pubescens* Snyder, 1933b.

Type locality: India: Uttarakhand: Dehra Dun.

Distribution: Kerala (Amina et al. 2016).

Genus *Odontotermes* Holmgren, 1910

86. *Odontotermes adampurensis* Akhtar, 1975

Type locality: Bangladesh: Adampur.

Distribution: Karnataka (Kalleshwaraswamy et al. 2018).

87. *Odontotermes anamallensis* Holmgren & Holmgren, 1917

Synonyms: *Odontotermes* (*Odontotermes*) *anamallensis* Holmgren & Holmgren, 1917.

Type localities: India: Tamil Nadu: Anamalai Hills.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Kalleshwaraswamy et al. 2018).

88. *Odontotermes assmuthi* Holmgren, 1913

Synonym: *Odontotermes* (*Odontotermes*) *assmuthi* Holmgren, 1913b.

Type locality: India: Maharashtra: Borivali Jungle.

Distribution: Andhra Pradesh; Karnataka; Kerala;

Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).

89. *Odontotermes bellahunisensis* Holmgren & Holmgren, 1917

Synonyms: *Odontotermes* (*Cyclotermes*) *bellahunisensis* Holmgren & Holmgren, 1917.

Type locality: India: Karnataka: Bellary: Bellahunisi.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).

90. *Odontotermes bhagwati* Chatterjee & Thakur, 1967

Type locality: India: Punjab: Pathankot.

Distribution: Karnataka (Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Kalleshwaraswamy et al. 2018).

91. *Odontotermes boveni* Thakur, 1981

Type locality: India: Uttarakhand: Garhwal: Gwadham.

Distribution: Karnataka (Kalleshwaraswamy et al. 2018).

92. *Odontotermes brunneus* (Hagen, 1858)

Synonyms: *Termes* (*Termes*) *brunneus* Hagen, 1858; *Odontotermes mathadi* Roonwal & Chhotani, 1964a.

Type locality: India: Bengal.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

93. *Odontotermes ceylonicus* (Wasmann, 1902)

Synonyms: *Termes* (*Termes*) *ceylonicus* Wasmann, 1902; *Odontotermes meturensis* Roonwal & Chhotani, 1959.

Type locality: Sri Lanka: Nalanda.

Distribution: Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

94. *Odontotermes distans* Holmgren & Holmgren, 1917

Synonym: *Odontotermes* (*Cyclotermes*) *distans* Holmgren & Holmgren, 1917.

Type locality: India: Tamil Nadu: Shevaroy Hills.

Distribution: Tamil Nadu (Holmgren &

Holmgren, 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013).

95. *Odontotermes escherichi* (Holmgren, 1911)

Synonym: *Termes escherichi* Holmgren, 1911a.

Type locality: Sri Lanka: Peradeniya: Hantana.

Distribution: Karnataka; Kerala (Chhotani 1997; Krishna et al. 2013; Mathew 2015).

96. *Odontotermes feae* (Wasmann, 1896)

Synonyms: *Termes feae* Wasmann, 1896; *Odontotermes indicus* Thakur, 1981.

Type locality: Myanmar: Carin Chebà.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Vidyashree et al. 2018).

97. *Odontotermes feaeoides* Holmgren & Holmgren, 1917*

Synonyms: *Odontotermes (Odontotermes) feaeoides* Holmgren & Holmgren, 1917.

Type locality: India: Karnataka: Coorg: Margalli.

Distribution: Karnataka (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013).

98. *Odontotermes globicola* (Wasmann, 1902)

Synonyms *Microtermes globicola* Wasmann, 1902; *Termes (Termes) dehraduni* Snyder, 1933b; *Odontotermes roonwali* Bose, 1975.

Type locality: Sri Lanka: Anuradhapura.

Distribution: Karnataka; Kerala; Tamil Nadu (Bose 1975; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

99. *Odontotermes guptai* Roonwal & Bose, 1961

Synonyms: *Odontotermes bellahunisensis guptai* Roonwal & Bose, 1961; *Odontotermes lukanandi* Chatterjee & Thakur, 1967.

Type locality: India: Rajasthan: Nagaur, near Gudha Village.

Distribution: Kerala (Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Mathew 2015).

100. *Odontotermes horni* (Wasmann, 1902)

Synonyms: *Termes horni* Wasmann, 1902; *Termes peradeniiae* Holmgren, 1911b; *Odontotermes horni hutsoni* Kemner, 1926; *Odontotermes horni minor* Kemner, 1926.

Type locality: Sri Lanka: Nalanda.

Distribution: Andhra Pradesh; Karnataka; Kerala;

Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

101. *Odontotermes kulkarnii* Roonwal & Chhotani, 1959*

Type locality: India: Karnataka: Bijapur.

Distribution: Karnataka (Roonwal & Chhotani 1959; Bose 1984; Chhotani 1997; Krishna et al. 2013).

102. *Odontotermes latiguloides* Roonwal & Verma, 1973

Type locality: India: Rajasthan: Bhilwara: Mandalgarh.

Distribution: Karnataka (Chhotani 1997; Krishna et al. 2013).

103. *Odontotermes malabaricus* Holmgren & Holmgren, 1917

Synonym: *Odontotermes (Odontotermes) malabaricus* Holmgren & Holmgren, 1917.

Type localities: India: Kerala: Malabar: Poovanur.

Distribution: Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

104. *Odontotermes microdentatus* Roonwal & Sen-Sarma, 1960

Type locality: India: Uttarakhand: Dehradun: Dobhalwala.

Distribution: Andhra Pradesh; Karnataka (Chhotani 1997; Krishna et al. 2013; Mathew 2015).

105. *Odontotermes obesus* (Rambur, 1842)

Synonyms: *Termes obesus* Rambur, 1842; *Termes fatalis* König, 1779; *Odontotermes (Cyclotermes) bengalensis* Holmgren, 1912a; *Odontotermes (Cyclotermes) assamensis* Holmgren, 1913c; *Odontotermes (Cyclotermes) bangalorensis* Holmgren, 1913c; *Odontotermes (Cyclotermes) flavomaculatus* Holmgren & Holmgren, 1917; *Odontotermes (Cyclotermes) obesus oculatus* Silvestri, 1923b; *Termes (Cyclotermes) orissae* Snyder, 1934; *Termes obesus assmuthi* Van Boven, 1969.

Type locality: India: Bombay.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).

106. *Odontotermes parvidens* Holmgren & Holmgren, 1917

Synonyms: *Odontotermes (Odontotermes) parvidens* Holmgren & Holmgren, 1917; *Odontotermes microdens* Silvestri, 1914b; *Termes (Cyclotermes) almorensis* Snyder, 1933b.

Type localities: India: Karnataka.

Distribution: Karnataka (Holmgren & Holmgren 1917; Chhotani 1997; Krishna et al. 2013).

107. *Odontotermes redemanni* (Wasmann, 1893)

Synonym: *Termes redemanni* Wasmann, 1893

Type locality: Sri Lanka: Colombo.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

108. *Odontotermes vaishno* Bose, 1975*

Type locality: India: Kerala: Malabar: Kannoth Forest Range: Wayanad Division.

Distribution: Karnataka; Kerala (Bose 1975, 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

109. *Odontotermes wallonensis* (Wasmann, 1902)

Synonyms: *Termes obesus wallonensis* Wasmann, 1902; *Odontotermes brunneus kushwhai* Roonwal & Bose, 1964.

Type locality: India: Maharashtra: Ahmadnagar: Sangamner: Wallon.

Distribution: Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Rao et al. 2012; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).

110. *Odontotermes yadevi* Thakur, 1981*

Type locality: India: Karnataka: Siddapur.

Distribution: Karnataka; Kerala (Thakur 1981; Chhotani 1997; Krishna et al. 2013; Amina et al. 2016b; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).

Subfamily Nasutitermitinae Hare, 1937

Genus *Ampoulitermes* Mathur & Thapa, 1962**

111. *Ampoulitermes wynadensis* Mathur & Thapa, 1962*

Type locality: India: Kerala: Wynad: Periyar Forest Range.

Distribution: Kerala (Mathur & Thapa 1962a; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Ceylonitermellus* Emerson, 1960

112. *Ceylonitermellus periyarensis* Amina & Rajmohana, 2013b*

Type locality: Kerala: Idukki: Thekkady: Anchuruli.

Distribution: Kerala (Amina & Rajmohana 2013b).

Genus *Ceylonitermes* Holmgren, 1912

113. *Ceylonitermes indicola* Thakur, 1976

Type locality: India: Kerala: Nilambur.

Distribution: Kerala (Thakur 1976b; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

114. *Ceylonitermes paulosus* Ipe & Mathew, 2019*

Type locality: India: Kerala: Kottayam.

Distribution: Kerala (Ipe & Mathew 2019).

Genus *Emersonitermes* Mathur & Sen-Sarma, 1959**

115. *Emersonitermes thekadensis* Mathur & Sen-Sarma, 1959*

Type locality: India: Kerala: Travancore: Thekkady.

Distribution: Kerala; Karnataka (Mathur & Sen-Sarma 1959; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015).

Genus *Grallatotermes* Holmgren, 1912

116. *Grallatotermes grallatoriformis* (Holmgren & Holmgren, 1917)*

Synonym: *Eutermes (Grallatotermes) grallatoriformis* Holmgren and Holmgren, 1917.

Type localities: India: Tamil Nadu: Anamalai Hills: Tellkadi.

Distribution: Karnataka; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Kalleshwaraswamy et al. 2018).

117. *Grallatotermes niger* Chatterjee & Thapa, 1964*

Type locality: India: Tamil Nadu: Tunacadur Range: Topslip: Mt. Stuart Block.

Distribution: Kerala; Tamil Nadu (Chatterjee & Thapa 1964b; Bose 1984; Chhotani 1997; Krishna et al. 2013; Amina et al. 2016b).

Genus *Hospitalitermes* Holmgren, 1912

118. *Hospitalitermes madrasi* (Snyder, 1934)*

Synonym: *Nasutitermes (Hospitalitermes) madrasi* Snyder, 1934.

Type locality: India: Tamil Nadu: North Vellore.

Distribution: Tamil Nadu (Snyder 1934; Bose 1984; Chhotani 1997; Krishna et al. 2013).

119. *Hospitalitermes monoceros* (König, 1779)**Synonym:** *Termes monoceros atrum* König, 1779.**Type locality:** Sri Lanka.**Distribution:** Kerala (Amina et al. 2013; Mathew 2015).**Genus *Nasutitermes* Dudley, 1890****120. *Nasutitermes anamalaiensis* Snyder, 1933*****Synonyms:** *Nasutitermes* (*Rotunditermes*) *anamalaiensis* Snyder, 1933b; *Alstonitermes flavescens* Thakur, 1976c.**Type locality:** India: Tamil Nadu: Anamalai Hills.**Distribution:** Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Snyder 1933; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).**121. *Nasutitermes brunneus* Snyder, 1934*****Synonym:** *Nasutitermes* (*Nasutitermes*) *brunneus* Snyder, 1934.**Type locality:** India: Tamil Nadu: Anamalai Hills.**Distribution:** Karnataka; Kerala; Tamil Nadu (Snyder 1934; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013; Mathew 2015).**122. *Nasutitermes crassicornis* (Holmgren & Holmgren, 1917)*****Synonym:** *Eutermes* (*Eutermes*) *crassicornis* Holmgren & Holmgren, 1917.**Type locality:** India: Karnataka: Bababudin Hills.**Distribution:** Karnataka; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Shanbhag & Sundararaj 2013).**123. *Nasutitermes fletcheri* (Holmgren & Holmgren, 1917)****Synonym:** *Eutermes* (*Eutermes*) *fletcheri* Holmgren & Holmgren, 1917.**Type locality:** India: Tamil Nadu: Shevaroy Hills.**Distribution:** Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013).**124. *Nasutitermes indicola* (Holmgren & Holmgren, 1917)*****Synonyms:** *Eutermes* (*Eutermes*) *indicola* Holmgren & Holmgren, 1917; *Eutermes* (*Eutermes*) *processionarius* Schmitz, 1924; *Nasutitermes beckeri* Prashad & Sen-Sarma, 1959.**Type locality:** India: Tamil Nadu: Anamali Hills.**Distribution:** Karnataka; Kerala; Tamil Nadu (Holmgren & Holmgren 1917; Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015; Kalleshwaraswamy et al. 2018; Vidyashree et al. 2018).**125. *Nasutitermes krishna* Roonwal & Bose, 1970****Type locality:** India: Andaman Islands: Little Andaman: Kwate-tu-Kwage.**Distribution:** Karnataka (Kalleshwaraswamy et al. 2018).**126. *Nasutitermes matangensis* *matangensis* (Haviland, 1898)****Synonyms:** *Termes matangensis* Haviland, 1898; *Eutermes* (*Eutermes*) *matangensisformis* Holmgren, 1913c; *Eutermes djemberensis* Kemner, 1934.**Type locality:** Malaysia: Borneo: Sarawak: Matang.**Distribution:** Kerala (Amina et al. 2016b).**127. *Nasutitermes vishnu* Bose, 1984*****Type locality:** India: Karnataka: Coorg: Makut.**Distribution:** Karnataka (Bose 1984; Chhotani 1997; Krishna et al. 2013).**Genus *Trinervitermes* Holmgren, 1912****128. *Trinervitermes biformis* (Wasmann, 1902)****Synonyms:** *Eutermes biformis* Wasmann, 1902; *Eutermes heimi* Wasmann, 1902; *Nasutitermes* (*Trinervitermes*) *longinotus* Snyder, 1934.**Type locality:** Sri Lanka: Bandarawella.**Distribution:** Andhra Pradesh; Karnataka; Kerala; Tamil Nadu (Bose 1984; Chhotani 1997; Krishna et al. 2013; Mathew 2015; Vidyashree et al. 2018).**129. *Trinervitermes fletcheri* Chatterjee & Thakur, 1965****Type locality:** India: Tamil Nadu: Coimbatore.**Distribution:** Tamil Nadu (Chatterjee & Thakur 1965; Bose 1984; Chhotani 1997; Krishna et al. 2013).**130. *Trinervitermes nigrirostris* Mathur & Sen-Sarma, 1959*****Type locality:** India: Tamil Nadu: Mandapam.**Distribution:** Karnataka; Tamil Nadu (Mathur & Sen-Sarma 1959; Bose 1984; Chhotani 1997; Krishna et al. 2013).**131. *Trinervitermes rabidus* (Hagen, 1859)****Synonym:** *Termes rabidus* Hagen, 1859.**Type locality:** Sri Lanka: Colombo.

Distribution: Tamil Nadu (Chhotani 1997).

132. *Trinervitermes sensarmai* Bose, 1984*

Type locality: India: Andhra Pradesh: North Vijayapuri.

Distribution: Andhra Pradesh (Bose 1984; Chhotani 1997; Krishna et al. 2013).

DISCUSSION

Checklist of species from a defined locality serves as a base for further research. Southern Indian termites comprise 132 species from five families, viz., Hodotermitidae, Kalotermitidae, Rhinotermitidae, Stylotermitidae, and Termitidae. The distribution of few of these species is still uncertain. There is a need to systematically study and identify the voucher specimens of the uncertain records to confirm their presence in the region. Among the reported, Termitidae is the dominant family comprising 106 species from four subfamilies. This indicates that an addition to fauna of termites has occurred in the region after a comprehensive work by Bose (1984), who reported a total of 70 species from 23 genera in the subfamily Termitinae. Five genera and 36 species of the subfamily were added later on. Endemism of termites fauna of the region is high, out of the 138 species, 59 species (42.75%) reported are endemic to southern India. Subfamily Termitinae of family Termitidae accounts for a maximum endemism with 19 species out of 42 endemic species of the family. Among the 37 genera reported from southern India, five genera are endemic to the region with eight species. Three genera of subfamily Termitinae, viz., *Indocapritermes*, *Krishnacapritermes*, and *Labiocapritermes* with one species each in *Indocapritermes* and *Labiocapritermes* and four in *Krishnacapritermes* are endemic to the region. Two genera of subfamily Nasutitermitinae, viz., *Ampoulitermes* and *Emersonitermes* with one species each are endemic to southern India. The latest additions of species to the regional termite diversity are *Krishnacapritermes dineshan* Amina & Rajmohana, 2020 and *Krishnacapritermes manikandan* Amina & Rajmohana, 2020 are endemic to the Western Ghats of southern India (Amina et al. 2020). Families such as Hodotermitidae and Stylotermitidae have only one representative species in the region; *Anacanthotermes viarum* and *Stylotermes fletcheri*, respectively. Hence, this provides an update to the termite fauna of southern India, which, in turn, help termitologist's to look forward for the additions to the termite fauna in the region and

direct them towards conservation of endemic species.

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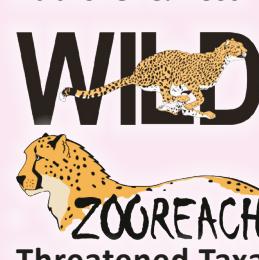
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