# Treatise on the Isoptera of the World: References and Index

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Source: Bulletin of the American Museum of Natural History, 2013(377) : 2433-2705

Published By: American Museum of Natural History

URL: https://doi.org/10.1206/377.7

# Treatise on the Isoptera of the World

## 7. References and Index

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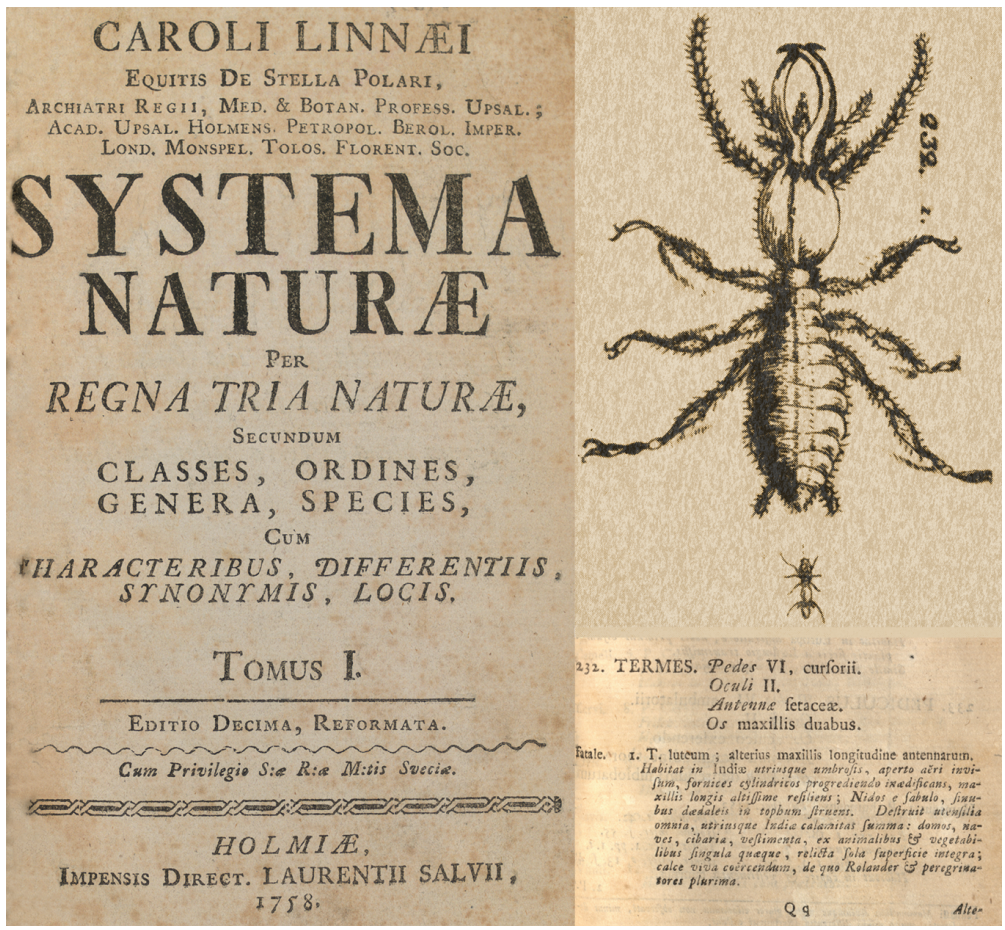

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LOND. MONSPEL. TOLOS. FLORENT. SOC.

SYSTEMA NATURÆ

PER
REGNA TRIA NATURÆ,
SECUNDUM
CLASSES, ORDINES,
GENERA, SPECIES,
CUM
CHARACTERIBUS, DIFFERENTIIS,
SYNONYMIS, LOCIS.

TOMUS I.

EDITIO DECIMA, REFORMATA.

*Cum Privilegio S:æ R:æ M:tis Sveciæ.*

HOLMIÆ,
IMPENSIS DIRECT. LAURENTII SALVII,
1758.

232. TERMES. *Pedes* VI, cursorii.
*Oculi* II.
*Antennæ* setaceæ.
*Os* maxillis duabus.

Fatale. 1. T. luteum; alterius maxillis longitudine antennarum.
*Habitat in* Indiæ *utriusque umbrosis, aperto aëri invisum, fornices cylindricos progrediendo inædificans, maxillis longis altissime resiliens; Nidos e sabulo, sinuibus dædaleis in tophum struens. Destruit utensilia omnia, utriusque Indiæ calamitas summa: domos, naves, cibaria, vestimenta, ex animalibus & vegetabilibus singula quæque, relicta sola superficie integra; calce viva coërcendum, de quo Rolander & peregrinatores plurima.*

Qq Alte-

BULLETIN OF THE AMERICAN MUSEUM OF NATURAL HISTORY

# TREATISE ON THE ISOPTERA OF THE WORLD

## VOLUME 7

## REFERENCES AND INDEX

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BULLETIN OF THE AMERICAN MUSEUM OF NATURAL HISTORY
Number 377, 2704 pp., 70 figures, 14 tables
Issued April 25, 2013



ISSN 0003-0090

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Aanen, D.K., and J.J. Boomsma. 2006. The evolutionary origin and maintenance of the mutualistic symbiosis between termites and fungi. *In* K. Bourtzis and T.A. Miller (editors), Insect symbiosis. Vol. 2: 79–95. Boca Raton, FL: CRC Press, 304 pp.

Aanen, D.K., and P. Eggleton. 2005. Fungus-growing termites originated in African rain forest. Current Biology 15 (9): 851–855.

Aanen, D.K., P. Eggleton, C. Rouland-Lefèvre, T. Guldberg-Frøslev, S. Rosendahl, and J.J. Boomsma. 2002. The evolution of fungus-growing termites and their mutualistic fungal symbionts. Proceedings of the National Academy of Sciences of the United States of America 99 (23): 14613–15246.

Aanen, D.K., V.I.D. Ros, H.H. de Fine Licht, J. Mitchell, Z.W. de Beer, B. Slippers, C. Rouland-LeFèvre, and J.J. Boomsma. 2007. Patterns of interaction specificity of fungus-growing termites and *Termitomyces* symbionts in South Africa. BMC Evolutionary Biology 7 (115): 1–11.

Abdel-Wahab, M.A., A.M. Ali, and N. Abdel-Hafiz. 1985. Influence of temperature and relative humidity on the survival of workers of *Psammotermes hypostoma* and *Amitermes desertorum.* Annals of Entomology (Dehra Dun) 3 (1): 49–52.

Abdu, R.M., and N.F. Shaumar. 1985. A preliminary list of the insect fauna of Qatar. Qatar University Science Bulletin 5: 215–232.

Abdul Rassoul, M.S. 1976. Checklist of Iraq Natural History Museum insects collection. Iraq Natural History Museum Publication 30: 1–41.

Abdullaev, I.I., A.S. Khamraev, C. Martius, A.A. Nurjanov, and R.A. Eshchanov. 2002. Termites (Isoptera) in irrigated and arid landscapes of Central Asia (Uzbekistan). Sociobiology 40 (3): 605–614.

Abe, T. 1979. Studies on the distribution and ecological role of termites in a lowland rain forest of West Malaysia. (2) Food and feeding habits of termites in Pasoh Forest Reserve. Japanese Journal of Ecology 29 (2): 121–135.

Abe, T. 1980. Studies on the distribution and ecological role of termites in a lowland rain forest of West Malaysia. (4) The role of termites in the process of wood decomposition in Pasoh Forest Reserve. Revue d'Écologie et de Biologie du Sol 17 (1): 23–40.

Abe, T. 1982. Ecological role of termites in a tropical rain forest. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 71–75. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Abe, T. 1984. Colonization of the Krakatau Islands by termites (Insecta: Isoptera). Physiology and Ecology (Japan) 21 (1): 63–88.

Abe, T. 1987. Evolution of life types in termites. *In* S. Kawano, J.H. Connell, and T. Hidaka (editors), Evolution and coadaptation in biotic communities: 125–148. Tokyo: University of Tokyo Press, viii + 256 pp.

Abe, T. 1989. Distribution and abundance of termites in the subtropical rain forest of Iriomote Island, the Ryukyu Islands. House and Household Insect Pests 11 (1): 43–50. [in Japanese, with English title]

Abe, T. 1990. Evolution of worker caste in termites. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 29–30. Leiden: E.J. Brill, xxxi + 765 pp.

Abe, T. 1991a. Ecological factors associated with the evolution of worker and soldier castes in termites. Annals of Entomology (Dehra Dun) 9 (2): 101–107.

Abe, T. 1991b. Distribution and abundance of subterranean fungus-growing termites (Isoptera) in the grassland of Kajiado, Kenya. *In* G.K. Veeresh, D. Rajagopal, and C.A. Viraktamath (editors), Advances in management and conservation of soil fauna: 111–121. New Delhi: Oxford and IBH Publishing Co., xvi + 925 pp.

Abe, T., and J.P.E.C. Darlington. 1985. Distribution and abundance of a mound-building termite, *Macrotermes michaelseni,* with special reference to its subterranean colonies and ant predators. Physiology and Ecology (Japan) 22 (1–2): 59–74.

Abe, T., and M. Higashi. 1998. Importance of differential dispersal ability and asymmetrical competition among life types to explain the global distribution of termites. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 25. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Abe, T., and T. Inoue. 1993. Fauna and nesting habits of termites in the peat swamp forest and rubber plantation at Narathiwat, southern Thailand—preliminary report. Island Studies in Okinawa 11: 43–54.

Abe, T., and T. Matsumoto. 1978. Distribution of termites in Pasoh Forest Reserve. Malayan Nature Journal 30 (2): 325–334.

Abe, T., and T. Matsumoto. 1979. Studies on the distribution and ecological role of termites in a lowland rain forest of West Malaysia. (3) Distribution and abundance of termites in Pasoh Forest Reserve. Japanese Journal of Ecology 29 (4): 337–351.

Abe, T., N. Kirtibutr, and J.A. Holt (editors). 1997a. Global diversification of termites—its pattern and causal mechanism. Kyoto: Japanese Ministry of Education, Science, Sports, and Culture, iv + 377 pp.

Abe, T., N. Kirtibutr, P. Ksutmung, C. Klangkaew, Y. Kagotani, M. Kannzaki, T. Inoue, F. Hyodo, A. Sugimoto, H. Takeda, and J.[A.] Holt. 1997b. Response of fungus-growing termites to the mosaic structure due to gap dynamics in dry evergreen forest of Sakaerat, Thailand. *In* T. Abe, N. Kirtibutr, and J.A. Holt (editors), Global diversification of termites—its pattern and causal mechanism: 107–123. Kyoto: Japanese Ministry of Education, Science, Sports, and Culture, iv + 377 pp.

Abe, T., D.E. Bignell, and M. Higashi (editors). 2000. Termites: evolution, sociality, symbioses, ecology. Dordrecht: Kluwer Academic Publishers, 488 pp.

Abe, Y. 1937a. Notes on the relations between the temperature and the distribution of Oriental termite, *Coptotermes formosanus* Shiraki, in Japan. Kontyû 11 (1–2): 137. [in Japanese, with English title]

Abe, Y. 1937b. On the distribution of the oriental termite, *Coptotermes formosanus* Shiraki, in Japan. Science Reports of the Tohoku University (Biology) (4) 11: 463–472.

Abel, O. 1933. Ein fossiles Termitennest aus dem Unterpliozän des Wiener Beckens. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 83 (3–4): 38–39.

Abensperg-Traun, M. 1993. Foraging strategies and defence mechanisms of termite species (Isoptera) in the Western Australian wheatbelt. Journal of the Royal Society of Western Australia 76: 35–40.

Abensperg-Traun, M. 1998. Termites (Isoptera) in western Australia: present and future directions of ecological research. Journal of the Royal Society of Western Australia 81: 131–142.

Abensperg-Traun, M., and E.S. de Boer. 1990. Species abundance and habitat differences in biomass of subterranean termites (Isoptera) in the wheatbelt of Western Australia. Australian Journal of Ecology 15: 219–226.

Abensperg-Traun, M., and D.H. Perry. 1998. Distribution and characteristics of mound-building termites (Isoptera) in Western Australia. Journal of the Royal Society of Western Australia 81: 191–200.

Abensperg-Traun, M., and D. Steven. 1997. Latitudinal gradients in the species richness of Australian termites (Isoptera). Australian Journal of Ecology 22 (4): 471–476.

Aber, A. 1989. *Heterotermes* sp. (Isoptera, Rhinotermitidae) espècie de termite plaga en el Uruguay. Boletin de la Sociedad Zoológica del Uruguay (Segunda Epoca) Publicacion Anexa 5: 22–23.

Aber, A. 1990. Estudio sobre las construcciones de *Heterotermes* sp. (Isoptera, Rhinotermitidae) plaga en la zona de Carrasco Norte, Montevideo, Uruguay. Revista Brasileira de Entomologia 34 (3): 481–487.

Aber, A. 1998a. Termite fauna of Uruguay: an ecological report. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 26. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Aber, A. 1998b. Termite subterranea, xilofaga del Uruguay: *Reticulitermes lucifugus* (Isoptera, Rhinotermitidae). *In* L.R. Fontes and E.B. Vulcano (editors), Cupins: o desafia do conhecimento: 437–451. Piracicaba, Brazil: Fundação de Estudos Agrários Luiz de Queiroz, 512 pp.

Aber, A. 2000. Bionomics of a species of *Rugitermes* (Isoptera, Kalotermitidae) for Uruguay. Revista Brasileira de Entomologia 44 (1–2): 1–3.

Aber, A., and M. Beltrami. 2002. *Reticulitermes lucifugus* in urban households in Uruguay (Isoptera: Rhinotermitidae). Sociobiology 40 (1): 153–162.

Aber, A., and L.R. Fontes. 1993. *Reticulitermes lucifugus* (Isoptera, Rhinotermitidae), a pest of wooden structures, is introduced into the South American continent. Sociobiology 21 (3): 335–339.

Aber de Szterman, A. 1984. Estudio de la glandula esternal en *Termes saltans* Wasmann, 1897. Revista de la Facultad de Humanidades y Ciencias. Serie Ciencias Biológicas (Uruguay) 1 (32): 493–503.

Aber de Szterman, A.S. 1988. Rol de las glandulas salivales en el comportamiento constructor de *Termes saltans* Wasmann, 1897 (Isoptera, Termitidae). Boletin de la Sociedad Zoológica del Uruguay 4: 19–22.

Aber de Szterman, A., and W. Acosta-Ferreira. 1979. Estudio del tejido adiposo real de *Nasutitermes fulviceps* (Silvestri, 1901). Revista de Biología del Uruguay 7 (1): 49–55.

Aber de Szterman, A., and S. Laffitte de Mosera. 1984. Estructura de los termiteros de *Termes saltans* Wasmann, 1897 (Isoptera, Termitidae, Termitinae). Revista de la Facultad de Humanidades y Ciencias. Serie Ciencias Biológicas (Uruguay) 1 (30): 457–467.

Abo-Khatwa, N. 1977. Biochemistry of 'fungus combs' and their role in the nutrition of the termites. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 253–256. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Abo-Khatwa, N. 1978. Cellulase of fungus-growing termites: a new hypothesis on its origin. Experientia (Basel) 34 (5): 559–560.

Abushama, F.T. 1964. Electro-physiological investigation of the antennal olfactory receptors of the moist-wood termite, *Zootermopsis angusticollis* (Emerson) [sic]. Entomologist 97 (1214): 148–150.

Abushama, F.T. 1965. The olfactory receptors on the antenna of the damp-wood termite *Zootermopsis angusticollis* (Hagen). Entomologist's Monthly Magazine 100 [1964]: 145–147.

Abushama, F.T. 1966. Electrophysiological investigations on the antennal olfactory receptors of the damp-wood termite *Zootermopsis angusticollis.* Entomologia Experimentalis et Applicata 9: 343–348.

Abushama, F.T. 1967a. Behavioural aspects of olfaction in the damp-wood termite *Zootermopsis angusticollis* (Hagen). Animal Behaviour 15 (2–3): 291–298.

Abushama, F.T. 1967b. The role of chemical stimuli in the feeding behaviour of termites. Proceedings of the Royal Entomological Society of London, Series A, General Entomology 42 (4–6): 77–82.

Abushama, F.T. 1968a. On the sealing behaviour of the moist-wood termite *Zootermopsis angusticollis* (Hagen) (Isoptera). Entomologist's Monthly Magazine 103 [1967]: 156–158.

Abushama, F.T. 1968b. Chemoreception in termites. New Scientist 1968: 68–69.

Abushama, F.T. 1968c. The effect of odour in the orientation of the damp-wood termite *Zootermopsis angusticollis* (Hagen) to some physical and environmental factors. Zeitschrift für Angewandte Entomologie 62: 307–315.

Abushama, F.T. 1974. Water-relations of the termites *Macrotermes bellicosus* (Smeathman) and *Trinervitermes geminatus* (Wasmann). Zeitschrift für Angewandte Entomologie 75: 124–134.

Abushama, F.T., and W.A. Al-Houty. 1988. The foraging activity of subterranean termites in the Kuwait desert. Journal of Arid Environments 14: 75–82.

Abushama, F.T., and W.A. Al-Houty. 1989. Diurnal activity rhythms of the subterranean termite *Anacanthotermes vagans* (Hagen) under laboratory and field conditions of the Kuwait desert. Journal of Biometeorology 33: 12–18.

Acda, M.N. 2004a. A method to trap and rapidly segregate subterranean termites (Isoptera: Rhinotermitidae) for laboratory bioassays. Sociobiology 44 (2): 255–260.

Acda, M.N. 2004b. Economically important termites (Isoptera) of the Philippines and their control. Sociobiology 43 (2): 159–168.

Acda, M.N. 2004c. Foraging populations and territories of the tropical subterranean termite *Macrotermes gilvus* (Isoptera: Macrotermitinae). Sociobiology 43 (2): 169–177.

Acda, M.N. 2007. *Schedorhinotermes makilingensis,* a new species of subterranean termite (Isoptera: Rhinotermitidae) from the Philippines. Sociobiology 50 (1): 163–171.

Acioli, A.N.S., and M.L.J. Macambira. 2007. List of type-specimens of Isoptera (Insecta) in the collection of the Museu Paraense Emílio Goeldi, State of Pará, Brazil. Acta Amazonica 37 (3): 451–455.

Adachi, Y. 1981. Termites in Hokkaido and Tohoku districts and their climates. Shiroari (Termite) 45: 57–60. [in Japanese, with English title]

Adam, R.A., and J.D. Mitchell. 2009. Energetics and development of incipient colonies of the harvester termite, *Trinervitermes trinervoides* (Sjostedt) (Termitidae, Nasutitermitinae). Insectes Sociaux 56: 21–27.

Adam, R.A., J.D. Mitchell, and M.C. van der Westhuizen. 2005. Food preferences in laboratory colonies of the harvester termite, *Trinervitermes trinervoides* (Sjöstedt) (Termitidae: Nasutitermitinae). African Entomology 13 (2): 193–200.

Adam, R.A., J.D. Mitchell, and M.C. van der Westhuizen. 2008. Aspects of foraging in the harvester termite, *Trinervitermes trinervoides* (Sjöstedt) (Termitidae: Nasutitermitinae). African Entomology 16 (2): 153–161.

Adams, E.S. 1991. Nest-mate recognition based on heritable odors in the termite *Microcerotermes arboreus.* Proceedings of the National Academy of Sciences of the United States of America 88: 2031–2034.

Adams, E.S., and L. Atkinson. 2008. Queen fecundity and reproductive skew in the termite *Nasutitermes corniger.* Insectes Sociaux 55: 28–36.

Adams, E.S., L. Atkinson, and M.S. Bulmer. 2007. Relatedness, recognition errors, and colony fusion in the termite *Nasutitermes corniger.* Behavioral Ecology and Sociobiology 61: 1195–1201.

Adamson, A.M. 1937. Preliminary report on termites and termite damage in Trinidad, West Indies. Tropical Agriculture (Trinidad) 14 (5): 141–149.

Adamson, A.M. 1938. Notes on termites destructive to buildings in the Lesser Antilles. Tropical Agriculture (Trinidad) 15 (10): 220–224.

Adamson, A.M. 1940a. A second report on the termites of Trinidad, British West Indies. Tropical Agriculture (Trinidad) 17 (1): 12–15.

Adamson, A.M. 1940b. New termite intercastes. Proceedings of the Royal Society of London, Series B, Biological Sciences 129 (854): 35–53.

Adamson, A.M. 1941. Laboratory technique for the study of living termites. Ecology 22 (4): 411–414.

Adamson, A.M. 1946. Termites in Trinidad and Tobago, B.W.I. Tropical Agriculture (Trinidad) 23 (12): 221–223.

Adamson, A.M. 1949. Notes on the termite fauna of the Lesser Antilles. Tropical Agriculture (Trinidad) 25 (1–12) [1948]: 53–55.

Adhikari, J., and P. Haldar. 1992. Relative proportion of polymorphic forms of termite in central fungus comb and peripheral fungus comb of *Odontotermes redemanni* (Wasmann); (Isoptera: Termitidae). Proceedings of the Zoological Society (Calcutta) 45 (A): 315–319.

Affolter, J., and R.H. Leuthold. 2000. Quantitative and qualitative aspects of trail pheromones in *Macrotermes subhyalinus* (Isoptera, Termitidae). Insectes Sociaux 47: 256–262.

Afzal, M. 1982. The nesting system of a harvester termite, *Anacanthotermes macrocephalus* (Isoptera: Hodotermitidae) and the influence of ecological niche in Pakistan. Sociobiology 7 (2): 245–257.

Afzal, M. 1983a. Radioisotope studies of trophallaxis in the drywood termite *Bifiditermes beesoni* (Gardner) (Isoptera). I: effect of group size on the rate of food exchange. Material und Organismen 18 (1): 51–63.

Afzal, M. 1983b. Radioisotope studies of trophallaxis in the drywood termite *Bifiditermes beesoni* (Gardner) (Isoptera). II. Mutual feeding potentialities of soldiers and nymphs. Material und Organismen 18: 107–117.

Afzal, M. 1983c. Inability of swarming alates of the drywood termite *Bifiditermes beesoni* (Gardner) (Isoptera: Kalotermitidae) to re-enter the mother colony. Material und Organismen 18 (3): 209–213.

Afzal, M. 1984. Studies on colony founding behaviours of *Bifiditermes beesoni* (Gardner) (Isoptera, Kalotermitidae). Zeitschrift für Angewandte Entomologie 98: 310–316.

Afzal, M. 1985. Courtship and copulation in the termite *Bifiditermes beesoni* (Gardner) (Isoptera). Zeitschrift für Angewandte Entomologie 100: 523–533.

Afzal, M., and M. Ahmad. 1982. Effects of juvenile hormone analogues on colony foundation and caste differentiation in *Bifiditermes beesoni* (Gardner) (Isoptera: Kalotermitidae). Material und Organismen 17 (1): 35–47.

Afzal, M., and M. Ahmad. 1985. Biology of colony foundation in the wood-dwelling termite *Bifiditermes beesoni* (Gardner): entrance hole selection and sealing behaviour. Annals of Entomology (Dehra Dun) 3 (1): 59–66.

Afzal, M., and Z. Salihah. 1983. Sexing of alates, sex ratio and parthenogenesis in the drywood termite *Bifiditermes beesoni* (Gardner) (Isoptera: Kalotermitidae). Proceedings of the Pakistan Congress of Zoology 4: 41–42.

Afzal, M., and Z. Salihah. 1985. Sex ratio, occurrence of parthenogenesis, ovarian development and oviposition behaviour of the primary reproductives of *Bifiditermes beesoni* (Gardner) (Isoptera, Kalotermitidae). Zeitschrift für Angewandte Entomologie 100: 132–146.

Agarwal, V.B. 1978. Swarming behaviour in nature and colony formation under laboratory conditions in *Odontotermes microdentatus* Roonwal and Sen-Sarma and *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Journal of the Bombay Natural History Society 75 (2): 385–388.

Agarwal, V.B. 1979. The effects of variation in temperature and relative humidity on the survival of workers and soldiers in *Odontotermes obesus* (Isoptera, Termitidae). Acta Entomologica Bohemoslovaca 76: 158–161.

Agarwal, V.B. 1980a. The effects of various temperatures and relative humidities on the survival of workers and soldiers in *Odontotermes microdentatus* Roonwal and Sen-Sarma (Isoptera: Termitidae). Records of the Zoological Survey of India 76: 71–77.

Agarwal, V.B. 1980b. Temperature and relative humidity inside the mound of *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Proceedings of the Indian Academy of Sciences (Animal Sciences) 89 (2): 91–99.

Agarwal, V.B., and P.K. Sen-Sarma. 1979. Circadian and seasonal fluctuations of temperature and relative humidity inside the mound of *Odontotermes microdentatus* (Isoptera, Termitidae). Acta Entomologica Bohemoslovaca 76: 379–386.

Agbogba, C. 1990. The termite population of the Lac de Guiers region in the Republic of Senegal. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 45. Leiden: E.J. Brill, xxxi + 765 pp.

Ahmad, M. 1947. New termites from the Indo-Malayan and Papuan regions. American Museum Novitates 1342: 1–7.

Ahmad, M. 1949. On the identity of *Odontotermes* (Isoptera, Termitidae). American Museum Novitates 1392: 1–11.

Ahmad, M. 1950. The phylogeny of termite genera based on imago-worker mandibles. Bulletin of the American Museum of Natural History 95 (2): 37–86.

Ahmad, M. 1952. The genus *Cryptotermes* (Isoptera, Kalotermitidae) in India and Pakistan. Proceedings of the Fourth Pakistan Science Conference, Peshawar, 1952 (abstracts) 3: 71.

Ahmad, M. 1953a. Two new cases of introduction of termites. Spolia Zeylanica 27 (1): 35–36.

Ahmad, M. 1953b. New termites and hitherto unknown caste from Ceylon. Spolia Zeylanica 27 (1): 37–41.

Ahmad, M. 1955a. A new termite from East Pakistan (Isoptera, Termitidae). Biologia (Lahore) 1 (1): 25–27.

Ahmad, M. 1955b. Termites of West Pakistan. Biologia (Lahore) 1 (2): 202–264.

Ahmad, M. 1958. Key to the Indomalayan termites [parts 1 and 2]. Biologia (Lahore) 4 (1–2): xii + 33–198.

Ahmad, M. 1962. Termite fauna of West Pakistan. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 67–68. Paris: UNESCO, 259 pp.

Ahmad, M. 1963. On the phylogenetic position of *Indotermes,* with description of a new species (Isoptera, Termitidae). Annals and Magazine of Natural History (13) 6: 395–399.

Ahmad, M. 1965. Termites (Isoptera) of Thailand. Bulletin of the American Museum of Natural History 131 (1): 1–113.

Ahmad, M. 1968. Termites of Malaysia. I. Nasute genera related to *Subulitermes* (Isoptera, Termitidae, Nasutitermitinae). Bulletin of the Department of Zoology, University of the Panjab (n.s.) 3: [3] + 1–34.

Ahmad, M. 1969. On the taxonomic validity of *Fletcheritermes* Sen-Sarma (Isoptera, Termitidae, Nasutitermitinae). Pakistan Journal of Zoology 1 (2): 181–182.

Ahmad, M. 1971. Termites of Malaysia. II. Genus *Hirtitermes* Holmgren (Isoptera, Termitidae, Nasutitermitinae). Proceedings of the Pakistan Academy of Sciences 8 (1–2): 27–36.

Ahmad, M. 1976. The soldierless termite genera of the Oriental region, with a note on their phylogeny (Isoptera: Termitidae). Pakistan Journal of Zoology 8 (2): 105–123.

Ahmad, M. 1986. Termite research in Pakistan. Proceedings of the Pakistan Congress of Zoology 6: 15–30.

Ahmad, M., and M.S. Akhtar. 1981. New termite genera of the *Capritermes* complex from Malaysia, with a note on the status of *Pseudocapritermes* (Isoptera: Termitidae). Pakistan Journal of Zoology 13 (1–2): 1–21.

Ahmad, M., and M.S. Akhtar. 2002. Catalogue of the termites (Isoptera) of the Oriental region. Pakistan Journal of Zoology (Supplement) 2: 1–86.

Ahmad, M., M. Afzal, and Z. Salihah. 1980. Laboratory studies of post-flight behaviour and colony formation in *Heterotermes indicola* (Wasmann) (Isoptera: Rhinotermitidae: Heterotermitinae). Proceedings of the Pakistan Congress of Zoology (B) 1: 227–237.

Ahmad, M., M. Afzal, and Z. Salihah. 1982. The effects of different relative humidities on survival and moisture loss of workers and soldiers of *Heterotermes indicola* (Wasmann) (Isoptera: Rhinotermitidae) under starvation conditions. Pakistan Journal of Zoology 14 (1): 65–70.

Aihetasham, A., and M.S. Akhtar. 2008. Swarming behaviour and alate sex-ratio of *Heterotermes indicola* (Wasmann) (Isoptera: Rhinotermitidae). Pakistan Journal of Zoology 40 (2): 75–82.

Akhtar, M.S. 1974a. New termites from Pakistan. Biologia (Lahore) 20 (1): 23–61.

Akhtar, M.S. 1974b. Zoogeography of the termites of Pakistan. Pakistan Journal of Zoology 6 (1–2): 85–104.

Akhtar, M.S. 1975. Taxonomy and zoogeography of the termites (Isoptera) of Bangladesh. Bulletin of the Department of Zoology, University of the Panjab (n.s.) 7: 1–199.

Akhtar, M.S. 1976. Descriptions of hitherto unknown imagos of termites (Isoptera: Termitidae). Pakistan Journal of Zoology 8 (2): 159–165.

Akhtar, M.S. 1977. Preliminary observations on the development of the incipient colony of *Odontotermes lokanandi* Chatterjee and Thakur, with a description of the hitherto unknown imago caste. Biologia (Lahore) 23 (2): 173–177.

Akhtar, M.S. 1978. Some observations on swarming and development of incipient colonies of termites of Pakistan. Pakistan Journal of Zoology 10 (2): 283–290.

Akhtar, M.S. 1979a. On the taxonomic validity of *Eremotermes maliki* Ahmad (Isoptera: Termitidae). Biologia (Lahore) 25 (1–2): 119–121.

Akhtar, M.S. 1979b. On a Palaearctic termite genus *Anacanthotermes* Jacobson (Isoptera) in Pakistan. Biologia (Lahore) 25 (1–2): 161–170.

Akhtar, M.S. 1983. Wood destroying termites (Isoptera) of Pakistan: key to the most important species, their distribution and pattern of attack. Material und Organismen 18 (4): 277–291.

Akhtar, M.S. 1987. About a white ant, *Microtermes obesi* Holmgren, as an agricultural pest. Punjab University Journal of Zoology 2 (1): 11–15.

Akhtar, M.S., and S. Afzal. 1989. New termites of the genus *Pseudocapritermes* Kemner from Malaysia. Pakistan Journal of Zoology 21 (2): 187–199.

Akhtar, M.S., and M. Ahmad. 1983. Taxonomic validity of the genus *Sinotermes* He and Xia. Proceedings of the Pakistan Congress of Zoology 4: 38. [abstract]

Akhtar, M.S., and M. Ahmad. 1985. A new nasute termite from Java (Isoptera: Termitidae: Nasutitermitinae). Pakistan Journal of Zoology 17 (3): 215–217.

Akhtar, M.S., and M. Ahmad. 1986. On the status of *Sinotermes* (Isoptera: Termitidae: Apicotermitinae). Pakistan Journal of Zoology 18 (4): 359–362.

Akhtar, M.S., and M. Ahmad. 1992. Morphometric analysis of *Odontotermes assamensis* Holmgren, with a note on its taxonomic status. Punjab University Journal of Zoology 7: 27–35.

Akhtar, M.S., and M. Ahmad. 1997. Some features of zoogeographical interest in the biodiversity of termites of Pakistan. *In* S.A. Mufti, C.A. Woods, and S.A. Hasan (editors), Biodiversity of Pakistan: 213–220. Islamabad: Pakistan Museum of Natural History, viii + [1] + 537 pp.

Akhtar, M.S., and Z. Ahson. 1998. Studies on the enteric tube of some species of the genus *Anacanthotermes* (Isoptera: Hodotermitidae). Pakistan Journal of Zoology 30 (3): 173–177.

Akhtar, M.S., and M. Akbar. 1986. New species of the genus *Hospitalitermes* Holmgren (Isoptera: Nasutitermitinae) from Malaya and Java. Proceedings of the Pakistan Congress of Zoology 6: 121–126.

Akhtar, M.S., and Amanullah [sic]. 1989. Swarming behaviour of termites at the Punjab University New Campus, Lahore. Pakistan Journal of Zoology 21 (3): 229–237.

Akhtar, M.S., and R. Anwer. 1991. Variability in the size of the soldier caste of the termite *Odontotermes obesus* (Rambur). Pakistan Journal of Zoology 23 (2): 169–174.

Akthar, M.S., and A. Farooq. 1994. Caste polymorphism in field colony of *Odontotermes redemanni* (Wasmann). Punjab University Journal of Zoology 9: 15–26.

Akhtar, M.S., and A. Hamid. 1987. Configuration of digestive tube and structure of enteric valve armature of the genus *Hospitalitermes* (Isoptera: Termitidae). Proceedings of the Pakistan Congress of Zoology 7: 129–134.

Akhtar, M.S., and M. Hussain. 1980. Enteric valve armature of some termite species belonging to the genera *Hypotermes, Microtermes* and *Ancistrotermes* (Isoptera). Sociobiology 5 (3): 261–271.

Akhtar, M.S., and A. Iftikhar. 1997. Studies on the digestive tube of the genus *Amitermes* Sivestri with a note on its distribution. Punjab University Journal of Zoology 12: 49–58.

Akhtar, M.S., and N. Iqbal. 1987. The digestive tube and enteric valve armature of termite species of the genera *Speculitermes* and *Indotermes* (Isoptera: Termitidae). Sociobiology 13 (3): 279–286.

Akhtar, M.S., and M.I. Mahmood. 1994. Caste polymorphism in a field colony of *Coptotermes heimi* (Wasmann). Pakistan Journal of Zoology 26 (1): 13–17.

Akhtar, M.S., and K. Nargis. 1998. Digestive tube feature of the genera *Hodotermes* and *Microhodotermes* (Isoptera: Hodotermitidae). Pakistan Journal of Zoology 30 (2): 137–141.

Akhtar, M.S., and S. Parveen. 1989. Taxonomy of worker caste of termites (Isoptera) of Lahore. Punjab University Journal of Zoology 4: 1–29.

Akhtar, M.S., and Z. Perveen. 1988. Studies on caste polymorphism in a higher termite *Microcerotermes championi* Snyder (Termitidae: Amitermitinae). Punjab University Journal of Zoology 3: 1–13.

Akhtar, M.S., and K. Pervez. 1986. New termites from the Oriental region (Isoptera: Termitidae: Nasutitermitinae). Proceedings of the Pakistan Congress of Zoology 6: 239–245.

Akhtar, M.S., and S. Rana. 1988. Caste polymorphism in field colony of *Odontotermes gurdaspurensis* Holmgren and Holmgren (Termitidae: Macrotermitinae). Proceedings of the Pakistan Congress of Zoology 8: 181–194.

Akhtar, M.S., and S. Riaz. 1992. A new termite from Malaysia. Pakistan Journal of Zoology 24 (1): 35–37.
Akhtar, M.S., and G. Sarwar. 1995. The foraging activity of subterranean termites in a desert zone of Pakistan. Pakistan Journal of Zoology 27 (4): 329–336.
Akhtar, M.S., and A.S. Shahid. 1988. Studies on the population density of *Odontotermes lokanandi* Chatterjee and Thakur in the new campus area, Lahore. Pakistan Journal of Zoology 20 (2): 177–189.
Akhtar, M.S., and A.S. Shahid. 1993. Termites as pests of agricultural crops in Pakistan. Pakistan Journal of Zoology 25 (3): 187–193.
Akhtar, M.S., and M.M. Shahid. 1990. Impact of rainfall, atmospheric temperature and wind speed on swarming of termites (Isoptera). Pakistan Journal of Zoology 22 (1): 65–79.
Akhtar, M.S., A. Ghani, and M. Ashraf. 1985. Enteric valve armature of termite species belonging to the genus *Odontotermes* (Isoptera: Termitidae). Sociobiology 11 (1): 55–65.
Akhtar, M.S., S. Awan, and A. Shakoor. 1992. Altitudinal distribution of termite species in Azad Kashmir. Pakistan Journal of Zoology 24 (2): 91–94.
Al-Alawy, S.A., M.S. Abdul-Rassoul, and A.F. Al-Azawi. 1990. Description of new species of termites (Insecta, Isoptera) from Iraq. Bulletin of the Iraq Natural History Museum 8 (3): 25–33.
Alam, M.M. 1980. The pests of sugarcane in the Caribbean. Sugar Association of the Caribbean, Technical Bulletin 1: 1–41.
Alam, S.M. 1962. Some suggestions on the morphology of termites. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 63–65. Paris: UNESCO, 259 pp.
Al-Azawi, A.F. 1986. A survey of insect pests of date palms in Qatar. Date Palm Journal 4 (2): 247–266.
Aldrich, B.T., and S. Kambhampati. 2004. Microsatellite markers for two species of dampwood termites in the genus *Zootermopsis* (Isoptera: Termopsidae). Molecular Ecology Notes 4: 719–721.
Aldrich, B.T., and S. Kambhampati. 2007. Population structure and colony composition of two *Zootermopsis nevadensis* subspecies. Heredity 99: 443–451.
Aldrich, B.T., and S. Kambhampati. 2009. Preliminary analysis of a hybrid zone between two subspecies of *Zootermopsis nevadaensis.* Insectes Sociaux 56: 439–450.
Aldrich, B.T., E.B. Maghirang, F.E. Dowell, and S. Kambhampati. 2007. Identification of termite species and subspecies of the genus *Zootermopsis* using near-infrared reflectance spectroscopy. Journal of Insect Science 7 (18): 1–7.
Alexander, A.E. 1936. Termites in central New York State. Science 83 (2141): 34.
Al-Houty, W. 1999. Plant consumption by termites in the Kuwait desert ecosystem. Insect Science and Its Application 19 (1): 37–42.
Ali, A.M. 1980. Termite project, Assiut University, progess report. Sociobiology 5 (2): 204–207.
Alibert, J. 1963. Échanges trophallactiques chez un termite supérieur. Contamination par le phosphore radio-actif de la population d'un nid de *Cubitermes fungifaber.* Insectes Sociaux 10 (1): 1–12.
Al-Kady, H., A. Badawi, and A.A. Faragalla. 1987. Identification of termites of Saudi Arabia. Arab Gulf Journal of Scientific Research, B, Agricultural and Biological Sciences 5 (2): 185–198.
Allen, C.T., D.E. Foster, and D.N. Ueckert. 1980. Seasonal food habits of a desert termite, *Gnathamitermes tubiformans,* in West Texas. Environmental Entomology 9 (4): 461–466.
Alonso-Zarazaga, M.A. 2003. Comment on the proposed conservation of prevailing usage of Termopsidae Holmgren, 1911, *Termopsis* Heer, 1849 and *Miotermes* Rosen, 1913 (Insecta, Isopera). Bulletin of Zoological Nomenclature 60 (4): 303.
Amaral-Castro, N.R., R. Zanetti, J.C. Moraes, J.C. Zanuncio, G.D. Freitas, and M.S. Santos. 2004. Species of soil inhabiting termites (Insecta: Isoptera) collected in *Eucalyptus* plantations in the state of Minas Gerais, Brazil. Sociobiology 44 (3): 717–725.
Amburgey, T.L. 1979. Review and checklist of the literature on interactions between wood-inhabiting fungi and subterranean termites: 1960–1978. Sociobiology 4 (2): 279–296.
Amir, M. 1975a. An additional species of *Odontotermes* Holmgren from Lampung, Sumatra (Isoptera: Termitidae). Treubia 28 (4): 143–151.
Amir, M. 1975b. New record of distribution of *Coptotermes heimi* (Wasman[n]) (Isoptera: Rhinotermitidae). Treubia 28 (4): 153–156.
Amorelli, M. 1975. L'ovoposizione nelle regine di sostituzione di *Kalotermes flavicollis* Fabr. (Isoptera, Kalotermitidae). Annali dell'Università di Ferrara (Nuova Serie), Sezione Biologia 3 (10): 133–144.

Amornsak, W., O. Sarnthoy, and N. Kirtibutr. 2003. New records of two Nasutitermitinae termites (Isoptera: Termitidae) from hill evergreen forest on Khao Kitchakut National Park in Thailand. Kasetsart Journal (Natural Science) 37: 421–428.

Ampion, M., and A. Quennedey. 1981. The abdominal epidermal glands of termites and their phylogenetic significance. *In* P.E. Howse and J.-L. Clément (editors), Biosystematics of social insects: 249–261. London: Academic Press, [14] + 346 pp.

Andara, C., S. Issa, and K. Jaffe. 2004. Decision-making systems in recruitment to food for two Nasutitermitinae (Isoptera: Termitidae). Sociobiology 44 (1): 139–151.

Andersen, A.N., and P. Jacklyn. 1993. Termites of the Top End. East Melbourne, Australia: CSIRO, iv + 31 pp.

Andersen, A.N., P. Jacklyn, T. Dawes-Gromadzki, and I. Morris. 2006. Termites of Northern Australia. Alice Springs, Australia: Barker Souvenirs, [i] + 44 + [1] pp.

Andersson, M. 1984. The evolution of eusociality. Annual Review of Ecology and Systematics 15: 165–189.

Andrée, K. 1951. Der Bernstein: das Bernsteinland und sein Leben. Stuttgart: Franckh'sche Verlagshandlung, 95 + [1] pp.

Anklin-Mühlemann, R., D.E. Bignell, P.C. Veivers, R.H. Leuthold, and M. Slaytor. 1995. Morphological, microbiological and biochemical studies of the gut flora in the fungus-growing termite *Macrotermes subhyalinus*. Journal of Insect Physiology 41 (11): 929–940.

Annandale, N. 1923. The fauna of an island in the Chilka Lake III. The habits of the termites of Barkuda. Records of the Indian Museum 25 (2): 233–251, pls. 5–6.

Annandale, N. 1924. Termite mounds. Journal of the Bombay Natural History Society 30 (1): 25–35.

Apolinário, F.E., and C. Martius. 2004. Ecological role of termites (Insecta, Isoptera) in tree trunks in central Amazonian rain forests. Forest Ecology and Management 194: 23–28.

Appel, A.G., and X.P. Hu. 2005. Perception of trail-following substances by *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) using behavioral bioassays. Sociobiology 45 (1): 151–162.

Arab, A., and A.M. Costa-Leonardo. 2005. Effect of biotic and abiotic factors on the tunneling behavior of *Coptotermes gestroi* and *Heterotermes tenuis* (Isoptera: Rhinotermitidae). Behavioural Processes 70: 32–40.

Arab, A., and S. Issa. 2000. Breves observaciones sobre el comportamiento de forrajeo de do especies de termitas (Termitidae: Nasutitermitinae) bajo condiciones de laboratoria. Boletín de Entomologia Venezolana 15 (1): 93–95.

Arab, A., A.M. Costa-Leonardo, L.G. Batista-Pereira, M.G. dos Santos, A.G. Corrêa, and Y.C. Blanco. 2004. Trail-pheromone specificity of two sympatric termites (Rhinotermitidae) from southeastern Brazil. Sociobiology 43 (2): 377–387.

Arab, A., A.M. Costa-Leonardo, F.E. Casarin, A. de C. Guaraldo, and R.C. Chaves. 2005. Foraging activity and demographic patterns of two termite species (Isoptera: Rhinotermitidae) living in urban landscapes in southeastern Brazil. European Journal of Entomology 102: 691–697.

Arab, A., S. Issa, D. Alfonzo, and K. Jaffe. 2006. Caste, colony, and species specificity of the trail pheromone in two sympatric Nasutitermitinae (Isoptera: Termitidae). Sociobiology 47 (2): 345–351.

Araujo, R.L. 1954. Notes on the genus *Paracornitermes* Emerson, 1949, with the description of two new species (Isopera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 1: 181–189.

Araujo, R.L. 1958a. Contribuição à biogeografia dos térmitas de São Paulo, Brasil. Insecta-Isoptera. Arquivos do Instituto Biológico (São Paulo) 25 (17–18): 185–217.

Araujo, R.L. 1958b. Contribuição à biogeografia dos térmitas de Minas Gerais, Brasil. Insecta-Isoptera. Arquivos do Instituto Biológico (São Paulo) 25 (18): 219–236.

Araujo, R.L. 1961. New genus and species of Brazilian termite (Isoptera, Termitidae, Termitinae). Revista Brasileira de Biologia 21 (1): 105–111.

Araujo, R.L. 1969. Notes on "*Dentispicotermes*" with description of a new species (Isoptera, Termitidae, Termitinae). Revista Brasileira de Biologia 29 (2): 249–254.

Araujo, R.L. 1970a. Neotropical termite studies (Isoptera). Revista Brasileira de Entomologia 14: 11–27.

Araujo, R.L. 1970b. *Tintermes orestes,* new genus and species of Brazilian Isoptera (Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 14 (5): 41–45.

Araujo, R.L. 1970c. A new genus and species of Brazilian termite (Isoptera, Termitidae, Nasutitermitinae). Studia Entomologica 13 (1–4): 365–368.

Araujo, R.L. 1970d. Termites of the Neotropical region. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 527–576. New York: Academic Press, xiv + [1] + 643 pp.

Araujo, R.L. 1971a. Notícia sôbre estudos de Isoptera no Brasil. Arquivos do Museu Nacional (Rio de Janeiro) 54: 280.
Araujo, R.L. 1971b. A new species of *Nasutitermes* from Brazil (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Biologia 31 (4): 507–511.
Araujo, H[sic: R].L. 1972a. Súmula faunística dos Isoptera Americanos. Ciência e Cultura (São Paulo) 24 (3): 253–256.
Araujo, R.L. 1972b. Notes on the geographical distribution of *Serritermes* (Isoptera). Revista Brasileira de Entomologia 16 (9): 67–70.
Araujo, R.L. 1977a. Further notes on the bionomics of *Serritermes* (Isoptera). Revista Brasileira de Entomologia 21 (2): 31–32.
Araujo, R.L. 1977b. A new species of *Orthognathotermes* from Brazil (Isoptera, Termitidae). Revista Brasileira de Entomologia 21 (3–4): 75–78.
Araujo, R.L. 1977c. Catálogo dos Isoptera do Novo Mundo. Rio de Janeiro: Academia Brasileira de Ciências, 92 pp.
Araujo, R.L. 1977d. A new species of *Armitermes* from Ecuador (Isoptera, Termitidae, Nasutitermitinae) with notes on the distribution of other Ecuadorian species. Sociobiology 2 (3): 195–198.
Araujo, R.L., and L.R. Fontes. 1979. Notes on the Neotropical genus *Tauritermes,* with a new species from Brasil (Isoptera, Kalotermitidae). Revista Brasileira de Entomologia 23 (1): 29–34.
Arbino, M.O., and G.J. Torales. 1990. Aspectos del comportamiento intraspecifico de *Nasutitermes corniger* (Motschulsky) (Isoptera: Termitidae, Nasutitermitinae). FACENA, Serie Ciencias Naturales 8: 27–33.
Arillo, A., and V.M. Ortuño. 2005. Catalogue of fossil insect species described from Dominican amber (Miocene). Stuttgarter Beiträge zur Naturkunde, Serie B, Geologie und Paläontologie 352: 1–68.
Aritomi, E., K. Otsubo, S. Ozaki, S. Tomokiyo, and S. Minamiyama. 1980a. Termites in the Chinese Republic. Shiroari (Termite) 41: 41–51. [in Japanese, with English title]
Aritomi, E., K. Otsubo, S. Ozaki, S. Tomokiyo, and S. Minamiyama. 1980b. Termites in the Chinese Republic. Shiroari (Termite) 42: 47–56. [in Japanese, with English title]
Armbruster, L. 1941. Über Insektenstaaten der Vorwelt. 1. Miocäne Randecker Termiten. Archiv für Bienenkunde (Leipzig) 22: 3–43.
Armua, A.C., and G.J. Torales. 1986. Algunas observaciones sobre el comportamiento de *Termes saltans* (Isoptera: Termitidae) en condiciones de laboratorio. FACENA, Serie Ciencias Naturales 6: 223–242.
Arnett, R.H. 1985. Isoptera (termites). *In* R.H. Arnett American insects: a handbook of the insects of America north of Mexico: 152–155. New York: Van Nostrand Reinhold, xiii + 850 pp.
Arora, C.B., and H.R. Pajni. 2005. Temperature and humidity maintenance in the colony of *Coptotermes heimi* (Wasmann) (Rhinotermitidae: Isoptera: Insecta). Journal of Nature Conservation 17 (2): 307–314.
Arora, G.L. 1962. Biological observations on some termites from Hoshiarpur, Punjab. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 111–113. Paris: UNESCO, 259 pp.
Arora, G.L., and S.K. Gilotra. 1960. The biology of *Odontotermes obesus* (Rambur) (Isoptera). Research Bulletin of the Panjab University. Science (n.s.) 10 (3–4) [1959]: 247–255.
Arshad, M.A., N.K. Mureria, and S.O. Keya. 1982. Effects of termite activities on the soil microflora. Pedobiologia 24 (3): 161–167.
Artemev, M.M. 1968. Morphology and development of *Anacanthotermes ahngerianus* Jacobs (Isoptera, Hodotermitidae). *In* A.N. Luppova (editor), Termites and control measures against them: proceedings of the 2nd all-union conference on the study of termites and their control: 43–68. Ashgabat [Ashkhabad], Turkmenistan: Institute of Zoology of Turkmen, SSR, 224 pp. [in Russian]
Asahina, S. 1970. Blattaria, Grylloblattodea and Isoptera of Tsushima. Memoirs of the National Science Museum (Tokyo) 3: 233–235.
Ashok-Kumar, C.T., and G.K. Veeresh. 1991a. Relative abundance of different species of termites at the main research station, Hebbal, Bangalore. *In* G.K. Veeresh, D. Rajagopal, and C.A. Viraktamath (editors), Advances in management and conservation of soil fauna: 123–136. New Delhi: Oxford and IBH Publishing Co., xvi + 925 pp.
Ashok-Kumar, C.T., and G.K. Veeresh. 1991b. Swarming behaviour of the subterranean termite, *Microtermes obesi* Holmgren (Isoptera: Termitidae). *In* G.K. Veeresh, D. Rajagopal, and C.A. Viraktamath (editors), Advances in management and conservation of soil fauna: 137–140. New Delhi: Oxford and IBH Publishing Co., xvi + 925 pp.
Assmann, A. 1870. Palaeontologie Beiträge zur Insekten-Fauna der Vorwelt. Zeitschrift für Entomologie Vereins für Schlesische Insektenkunde zu Breslau 2 (1): 1–62.

Assmuth, J. 1913. Wood-destroying white ants of the Bombay Presidency. Journal of the Bombay Natural History Society 22 (2): 372–384.

Assmuth, J. 1915. Indian wood-destroying white ants (second contribution). Journal of the Bombay Natural History Society 23 (4): 690–694.

Assmuth, J. 1927. British Indian termites. Bulletin of the Brooklyn Entomological Society 22 (3): 171–173.

Atkinson, L., and E.S. Adams. 1997. The origins and relatedness of multiple reproductives in colonies of the termite *Nasutitermes corniger.* Proceedings of the Royal Society of London, Series B, Biological Sciences 264 (1385): 1131–1136.

Atkinson, L., E.S. Adams, and R.H. Crozier. 2007. Microsatellite markers for the polygamous termite *Nasutitermes corniger* (Isoptera: Termitidae). Molecular Ecology Notes 7: 299–301.

Atkinson, T.H., M.K. Rust, and J.L. Smith. 1993. The Formosan subterrranean termite, *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae), established in California. Pan-Pacific Entomologist 69 (1): 111–113.

Ausat, A., P.S. Cheema, T. Koshi, S.L. Perti, and S.K. Ranganathan. 1962. Laboratory culturing of termites. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 121–125. Paris: UNESCO, 259 pp.

Austin, J.J., A.J. Ross, A.B. Smith, R.A. Fortey, and R.H. Thomas. 1997. Problems of reproducibility—does geologically ancient DNA survive in amber-preserved insects? Proceedings of the Royal Society of London, Series B, Biological Sciences 264 (1381): 467–474.

Austin, J.W., A.L. Szalanski, P. Uva, A.-G. Bagnères, and A. Kence. 2002. A comparative genetic analysis of the subterranean termite genus *Reticulitermes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 95 (6): 753–760.

Austin, J.W., A.L. Szalanski, and B.J. Cabrera. 2004a. Phylogenetic analysis of the subterranean termite family Rhinotermitidae (Isoptera) by using the mitochondrial cytochrome oxidase II gene. Annals of the Entomological Society of America 97 (3): 548–555.

Austin, J.W., A.L. Szalanski, R.E. Gold, and B.T. Foster. 2004b. Genetic variation and geographical distribution of the subterranean termite genus *Reticulitermes* in Texas. Southwestern Entomologist 29 (1): 1–11.

Austin, J.W., A.L. Szalanski, and B.M. Kard. 2004c. Distribution and genetic variation of *Reticulitermes* (Isoptera: Rhinotermitidae) in Oklahoma. Florida Entomologist 87 (2): 152–158.

Austin, J.W., A.L. Szalanski, and M.T. Messenger. 2004d. Mitochondrial DNA variation and distribution of the subterranean termite genus *Reticulitermes* (Isoptera: Rhinotermitidae) in Arkansas and Louisiana. Florida Entomologist 87 (4): 473–480.

Austin, J.W., A.L. Szalanski, R.H. Scheffrahn, and M.T. Messenger. 2005a. Genetic variation of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) in North America applying the mitochondrial rRNA 16S gene. Annals of the Entomological Society of America 98 (6): 980–988.

Austin, J.W., A.L. Szalanski, R.H. Scheffrahn, M.T. Messenger, S. Dronnet, and A.-G. Bagnères. 2005b. Genetic evidence for the synonymy of two *Reticulitermes* species: *Reticulitermes flavipes* and *Reticulitermes santonensis.* Annals of the Entomological Society of America 98 (3): 395–401.

Austin, J.W., A.L. Szalanski, R. Ghayourfar, A. Kence, and R.E. Gold. 2006a. Phylogeny and genetic variation of *Reticulitermes* (Isoptera: Rhinotermitidae) from the eastern Mediterranean and Middle East. Sociobiology 47 (3): 873–890.

Austin, J.W., A.L. Szalanski, M.T. Messenger, J.A. McKern, and R.E. Gold. 2006b. Genetic variation and phylogenetics of *Reticulitermes* (Isoptera: Rhinotermitidae) from the American Great Plains. Sociobiology 48 (2): 427–445.

Austin, J.W., A.L. Szalanski, R.H. Scheffrahn, M.T. Messenger, J.A. McKern, and R.E. Gold. 2006c. Genetic evidence for two introductions of the Formosan subterranean termite, *Coptotermes formosanus* (Isoptera: Rhinotermitidae), to the United States. Florida Entomologist 89 (2): 183–193.

Austin, J.W., A.-G. Bagnères, A.L. Szalanski, R.H. Scheffrahn, B.P. Heintschel, M.T. Messenger, J.-L. Clément, and R.E. Gold. 2007. *Reticulitermes malletei* (Isoptera: Rhinotermitidae): a valid Nearctic subterranean termite from eastern North America. Zootaxa 1554: 1–26.

Awasthi, V.B. 1973. An analytical study of the neuro-endocrine system of *Anacanthotermis* [sic] *macrocephalus* (Isoptera: Termitidae). Zoologische Beiträge 19 (1): 75–81.

Ayansola, A.A. 1987. A taxonomic study of termite pests of ornamental plants in a rainforest location in southwestern Nigeria. Y.E.S. [Young Entomologists' Society] Quarterly 4 (3): 38–45.

Ayoub, M.A.-S. 1959. Studies on the distribution, behaviour, feeding habits and control of *Microcerotermes diversus* Silv. attacking live plants in Saudi Arabia. Bulletin de la Société Entomologique d'Égypte 43: 429–432.

Azariz, D., and C. Rouland. 1998. Étude de la microflore actinomycetale cellulolytique du tube digestif de plusieurs espèces de termites superieurs Africains. Actes des Colloques Insectes Sociaux 11: 69–75.

Azevedo, N.R., de, P.H. Ferri, J.C. Seraphin, and D. Brandão. 2006. Chemical composition and intraspecific variability of the volatile constituents from the defensive secretion of *Constrictotermes cyphergaster* (Isoptera, Termitidae, Nasutitermitinae). Sociobiology 47 (3): 891–902.

Baccetti, B. 1979. Ultrastructure of sperm and its bearings on arthropod phylogeny. *In* A.P. Gupta (editor), Arthropod phylogeny, 1st ed.: 609–644. New York: Van Nostrand Reinhold, xx + 762 pp.

Bac[c]etti, B., and R. Dallai. 1977. Sur le premier spermatozoide multiflagellé du règne animal, découvert chez *Mastotermes darwiniensis*. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 285: 785–788 + 4 pls.

Baccetti, B., and R. Dallai. 1978. The spermatozoon of Arthropoda. XXX. The multiflagellate spermatozoon in the termite *Mastotermes darwiniensis*. Journal of Cell Biology 76 (3): 569–576.

Baccetti, B., R. Dallai, F. Rosati, F. Giusti, F. Bernini, and G. Selmi. 1974. The spermatozoon of Arthrpoda. XXVI. The sperm[a]tozoon of Isoptera, Embioptera and Dermaptera. Journal de Microscopie (Paris) 21: 159–172 + 12 pls.

Baccetti, B., R. Dallai, and G. Callaini. 1981. The spermatozoon of Arthropoda: *Zootermopsis nevadensis* and isopteran sperm phylogeny. International Journal of Invertebrate Reproduction 3 (2): 87–99.

Baccetti, B., B. Massa, and P. Canestrelli. 1995. Dermaptera, Isoptera, Blattodea, Mantodea, Phasmatodea, Orthoptera. Naturalista Siciliano 19 (Suppl.): 163–194.

Bacchus, S. 1979. New exocrine gland on the legs of some Rhinotermitidae (Isoptera). International Journal of Insect Morphology and Embryology 8 (2): 135–142.

Bacchus, S. 1987. A taxonomic and biometric study of the genus *Cryptotermes* (Isoptera: Kalotermitidae). Tropical Pest Bulletin 7: [4] + 1–91.

Bacchus, S. 1997. *Microtermes* in East Africa (Isoptera: Termitidae: Macrotermitinae). Bulletin of the Natural History Museum, Entomology 66 (2): 123–171.

Bachofen-Echt, A. 1949. Die Bernstein und seine Einschlüsse. Vienna: Springer-Verlag, [2] + 204 pp.

Badawi, A., A. Dabbour, and A.A. Faragalla. 1982. A contribution to the termite fauna (Isoptera) of Saudi Arabia. Sociobiology 7 (2): 259–260.

Badawi, A., A.A. Faragalla, and A. Dabbour. 1984a. Population studies of some species of termites in Al-Kharj Oasis, central region of Saudi Arabia. Zeitschrift für Angewandte Entomologie 97: 253–261.

Badawi, A., A.A. Faragalla, and A. Dabbour. 1984b. The distribution of foraging territories and densities of colonies of two species of subterranean termites in Al-Kharj Oasis, central region of Saudi Arabia. Zeitschrift für Angewandte Entomologie 97: 387–393.

Badawi, A., H. Al-Kady, and A.A. Faragalla. 1986a. Termites (Isoptera) of Saudi Arabia, their hosts and geographical distribution. Zeitschrift für Angewandte Entomologie 101 (4): 413–420.

Badawi, A., H. Al-Kady, and A.A. Faragalla. 1986b. Some factors affecting the distribution and abundance of termites in Saudi Arabia. Anzeiger für Schädlingskunde Pflanzenschutz [und] Umweltschutz 59 (1): 17–19.

Badertscher, S., C. Gerber, and R.H. Leuthold. 1983. Polyethism in food supply and processing in termite colonies of *Macrotermes subhyalinus* (Isoptera). Behavioral Ecology and Sociobiology 12: 115–119.

Badery, S., I. Arshad, and H.M.J. Mashur. 1984. A short study on termite communities in Semonggok Forest Reserve. First decade of Malaysian Plant Protection Society: 10 years of plant protection in Malaysia, 76. [abstract]

Baer, R., and S. Walmsley. 1982. Soldier defense secretions of the South American termites *Cortaritermes silvestrii, Nasutitermes* sp. n. and *Nasutitermes kemneri*. Tetrahedron 38: 1899–1910.

Baeva, T.G., N.N. Muminov, and O.N. Lukyanova. 1997. Termites of Tadzhikistan. Izvestiya Akademii Nauk Respubliki Tadzhikistan Otdelenie Biologicheskikh Nauk 2–4 [1994]: 7–10. [in Russian, with Tadjik summary]

Bagine, R.K.N. 1987. Taxonomic studies on the termite genus *Odontotermes* (Holmgren) in Kenya. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, Munich, 18–22 August 1986: 75. Munich: J. Peperny, xxxv + 16 + 757 pp.

Bagine, R.K.N. 1990. The "closed" type mounds of the termite genus *Macrotermes* in the Coast Province of Kenya. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 739. Leiden: E.J. Brill, xxxi + 765 pp.

Bagine, R.K.N. 1992. Problems in identification and control of termites. Proceedings of the 1st regional workshop on termite research and control, Nairobi, 17–19 August 1992: 44–50 (sponsored by Danish International Development Assistance), vi + 127 pp.

Bagine, R.K.N., J.P.E.C. Darlington, P. Kat, and J.M. Ritchie. 1989. Nest structure, population structure and genetic differentiation of some morphologically similar species of *Macrotermes* in Kenya. Sociobiology 15 (2): 125–132.

Bagine, R.K.N., R. Brandl, and M. Kaib. 1990. Cuticular hydrocarbon profiles as a systematical tool: a case study in the termite genus *Odontotermes. In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 28. Leiden: E.J. Brill, xxxi + 765 pp.

Bagine, R.K.N., R. Brandl, and M. Kaib. 1994. Species delimitation in *Macrotermes* (Isoptera: Macrotermitidae): evidence from epicuticular hydrocarbons, morphology, and ecology. Annals of the Entomological Society of America 87 (5): 498–506.

Bagnères, A.G., and J.-L. Clément. 1992. Chemical polymorphism in termite[s] of the genus *Reticulitermes.* Proceedings 19th International Congress of Entomology, Beijing 1992: 245. [abstract]

Bagnères, A.G., and E.D. Morgan. 1990. A simple method for analysis of insect cuticular hydrocarbons. Journal of Chemical Ecology 16 (12): 3263–3276.

Bagnères, A.G., C. Lange, J.-L. Clément, and C. Joulie. 1988. Les hydrocarbures cuticulaires des *Reticulitermes* français: variations specifiques et coloniales. Actes des Colloques Insectes Sociaux 4: 34–41.

Bagnères, A.G., J.-L. Clément, M.S. Blum, R.F. Severson, C. Joulie, and C. Lange. 1990a. Cuticular hydrocarbons and defensive compounds of *Reticulitermes flavipes* (Köllar) and *R. santonensis* (Feytaud): polymorphism and chemotaxonomy. Journal of Chemical Ecology 16 (12): 3213–3244.

Bagnères, A.G., J.-L. Clément, C. Lange, and M.S. Blum. 1990b. Cuticular compounds in *Reticulitermes* termites: species, caste and colonial signature. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 423–424. Leiden: E.J. Brill, xxxi + 765 pp.

Bagnères, A.-G., A. Killian, J.-L. Clément, and C. Lange. 1991. Interspecific recognition among termites of the genus *Reticulitermes*: evidence for a role for the cuticular hydrocarbons. Journal of Chemical Ecology 17 (12): 2397–2420.

Bagnères, A.G., G. Rivière, and J.-L. Clément. 1998. Artificial neural network modeling of caste odor discrimination based on cuticular hydrocarbons in termites. Chemoecology 8 (4): 201–209.

Bagnères, A.-G., P. Uva, and J.-L. Clément. 2003. Description d'une nouvelle espèce de termite: *Reticulitermes urbis* n. sp. (Isopt., Rhinotermitidae). Bulletin de la Société Entomologique de France 108 (4): 435–436.

Bain, J., and M.J. Jenkin. 1983. *Kalotermes banksiae, Glyptotermes brevicornis,* and other termites (Isoptera) in New Zealand. New Zealand Entomologist 7 (4): 365–371.

Baker, P. 2001. Laboratory rearing of winged adults and pre-soldiers of *Heterotermes aureus* Snyder (Isoptera: Rhinotermitidae). Pan-Pacific Entomologist 77 (4): 277.

Baker, P.B., and M.I. Haverty. 2007. Foraging populations and distances of the desert subterranean termite, *Heterotermes aureus* (Isoptera: Rhinotermitidae), associated with structures in southern Arizona. Journal of Economic Entomology 100 (4): 1381–1390.

Baker, R., and S. Walmsley. 1982. Soldier defense secretions of the South American termites *Cortaritermes silvestri* [sic], *Nasutitermes* sp. ND and *Nasutitermes kemneri.* Tetrahedron 38 (13): 1899–1910.

Baker, R., D.A. Evans, and P.G. McDowell. 1977. Stereospecific synthesis of 4,11-epoxy-*cis*-eudesmane, a tricyclic sesquiterpene defense secretion from the termite *Amitermes evuncifer.* Journal of the Chemical Society, Chemical Communications 4: 111.

Baker, R., P.H. Briner, and D.A. Evans. 1978a. Total synthesis of ancistrofuran, a defensive compound from the termite *Ancistrotermes cavithorax.* Journal of the Chemical Society, Chemical Communications 22: 981–983.

Baker, R., D.A. Evans, and P.G. McDowell. 1978b. Mono- and sesquiterpenoid constituents of the defence secretion of the termite *Amitermes evuncifer.* Tetrahedron Letters 19 (42): 4073–4076.

Baker, R., H.R. Coles, M. Edwards, D.A. Evans, P.E. Howse, and S. Walmsley. 1981a. Chemical composition of the frontal gland secretion of *Syntermes* soldiers (Isoptera, Termitidae). Journal of Chemical Ecology 7 (1): 135–145.

Baker, R., M. Edwards, and S. Walmsley. 1981b. Soldier specific chemicals of the termite *Curvitermes strictinasus* Mathews (Isoptera, Nasutitermitinae). Journal of Chemical Ecology 7: 127–133.

Baker, R., A.H. Parton, and P.E. Howse. 1982. Identification of an acyclic diterpene alcohol in the defense secretion of soldiers of *Reticulitermes lucifugus.* Experientia (Basel) 38: 297–298.

Baker, W.L. 1972. Eastern forest insects. Miscellaneous Publications, United States Department of Agriculture 1175: 1–642.

Bakshi, B.K. 1951. Fungi in the nest of *Odontotermes obesus.* Indian Phytopathology 4 (1): 1–4.

Bakshi, B.K. 1962. Fungi in relation to termites. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 117–119. Paris: UNESCO, 259 pp.

Balazuc, J. 1989. Quelques insectes fossiles des diatomites de Saint-Bauzile (Ardèche). Bulletin Mensuel de la Société Linnéenne de Lyon 58 (8): 240–245.

Bandeira, A.G. 1979a. Notas sobre a fauna de cupins (Insecta: Isoptera) do Parque Nacional da Amazônia (Tapajós), Brasil. Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 96: 1–12.

Bandeira, A.G. 1979b. Ecologia de cupins (Insecta: Isoptera) da Amazônia Central: efeitos do desmatamento sobre as populações. Acta Amazonica 9 (3): 481–499.

Bandeira, A.G. 1981. Ocorrência de cupins (Insecta, Isoptera) como pragas de mandioca em Bujaru, Pará. Acta Amazonica 11 (1): 149–152.

Bandeira, A.G. 1990. Análise da termitofauna (Insecta: Isoptera) de uma floresta primária e de uma pastagem na Amazônia oriental, Brasil. Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 5 (2) [1989]: 225–241.

Bandeira, A.G. 1992. Termites (Insecta: Isoptera) consumidores de liteira na Ilha de Maracá, Roraima. Acta Amazonica 21 [1991]: 15–23.

Bandeira, A.G. 1993. Nota sobre *Coptotermes* (Isoptera, Rhinotermitidae) praga em floresta nativa da Amazônia, Brasil. Revista Brasileira de Entomologia 37 (1): 189–191.

Bandeira, A.G., and E.M. Cancello. 1992. Four new species of termites (Isoptera, Termitidae) from the Island of Maracá, Roraima, Brazil. Revista Brasileira de Entomologia 36 (2): 423–435.

Bandeira, A.G., and L.R. Fontes. 1979. *Nasutitermes acangussu,* a new species of termite from Brazil (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 23 (3): 119–122.

Bandeira, A.G., and A. Vasconcellos. 1999. Estado atual do conhecimento sistemático e ecológico sobre os cupins (Insecta, Isoptera) do nordeste Brasileiro. Revista Nordestina de Biologia 13 (1–2): 37–45.

Bandeira, A.G., and A. Vasconcellos. 2002. A quantitative survey of termites in a gradient of disturbed highland forest in northeastern Brazil (Isoptera). Sociobiology 39 (3): 429–439.

Bandeira, A.G., and M.L.J. Macambira. 1988. Térmitas de Carajás, Estado do Pará, Brasil: composição faunística, distribuição e hábito alimentar. Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 4 (2): 175–190.

Bandeira, A.G., J.I. Gomes, P.L.B. Lisboa, and P.C. Silva e Souza. 1989. Insetos pragas de madeiras de edificações em Belem–Para. Boletim de Pesquisa, Centro de Pesquisa Agropecuaria do Tropico Umido 101: 1–25.

Bandeira, A.G., J.C.D. Pereira, C.S. Miranda, and L.G.S. Medeiros. 1998. Composição da fauna de cupins (Insecta, Isoptera) em áreas de Mata Atlântica em João Pessoa, Paraíba, Brasil. Revista Nordestina de Biologia 12 (1–2): 9–17.

Bandeira, A.G., A. Vasconcellos, M.P. Silva, and R. Constantino. 2003. Effects of habitat disturbance on the termite fauna in a highland humid forest in the Caatinga Domain, Brazil. Sociobiology 42 (1): 117–127.

Bandi, C., and L. Sacchi. 2000. Intracellular symbiosis in termites. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 261–273. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Bandi, C., M. Sironi, G. Damiani, L. Magrassi, C.A. Nalepa, U. Laudani, and L. Sacchi. 1995. The establishment of intracellular symbiosis in an ancestor of cockroaches and termites. Proceedings of the Royal Society of London, Series B, Biological Sciences 259: 293–299.

Banerjee, B. 1956a. Interesting observations on the mounds of the termite, *Odontotermes redemanni* (Wasmann). Journal of the Bombay Natural History Society 53: 742.

Banerjee, B. 1956b. Some interesting observations on the royal chamber in the mound of the termite *Odontotermes redemanni* (Wasmann). Journal of the Bombay Natural History Society 54 (1): 202.

Banerjee, B. 1956c. Some common termites of Calcutta. Journal of the Bombay Natural History Society 54 (1): 204–206.

Banerjee, B. 1957. Haploid chromosome numbers in the testis of the termite king *Odontotermes redemanni* (Wasmann). Current Science (Bangalore) 26 (9): 288.

Banerjee, B. 1958. Cytochemical studies on the oocytes of the termite queen [of] *Odontotermes redemanni* (Wasmann). Current Science (Bangalore) 27 (2): 56–57.

Banerjee, B. 1961. Chromosome morphology during the spermatogensis of *Odontotermes redemanni* (Wasmann). Caryologia 14 (1): 155–158.

Banerjee, B. 1964. Cytogenesis in the ovarioles of *Odontotermes redemanni* (Wasmann). La Cellule 64 (7): 225–233.
Banerjee, B. 1965a. Studies on the histology and histochemical distribution of phosphatases in the genital tracts of *Odontotermes redemanni* (Wasmann). La Cellule 65 (2): 151–157.
Banerjee, B. 1965b. Structure of the male reproductive organs of *Odontotermes redemanni* (Wasmann). Current Science (Bangalore) 34 (14): 435–436.
Banerjee, B. 1966. A statistical study of the population of the tropical mound building termite *Odontotermes redemanni* (Wasmann). Insectes Sociaux 13 (1): 29–37.
Banerjee, B. 1967. Distribution of alkaline phosphatase in the castes of the termite *Odontotermes redemanni* (Wasmann) and its role in caste formation. Insectes Sociaux 14 (1): 51–56.
Banerjee, B. 1971. Dynamics of termite populations—some theoretical considerations. Insectes Sociaux 18 (1): 21–27.
Banerjee, B. 1975. Growth of mounds and foraging territories in *Odontotermes redemanni* (Wasmann) (Isoptera: Termitidae). Insectes Sociaux 22 (2): 207–212.
Banerjee, B. 1978. Mathematical demography of *Odontotermes redemanni* (Wasmann) (Isoptera: Termitidae). Proceedings of the Indian National Science Academy, Part B, Biological Sciences 44: 91–97.
Banerjee, B. 1981. Size-classes of workers and their distribution in the mounds of *Odontotermes redemanni* (Wasmann) (Isoptera: Termitidae). Proceedings of the Zoological Society (Calcutta) 32: [1979] 121–126.
Banks, N. 1901. Papers from the Hopkins Stanford Galapagos Expedition, 1898–1899. V. Entomological results (5); Thysanura and Termitidae. Proceedings of the Washington Academy of Sciences 3: 541–546.
Banks, N. 1906. Two new termites. Entomological News 17 (9): 336–337.
Banks, N. 1907. A new species of *Termes.* Entomological News 18 (9): 392–393.
Banks, N. 1918. The termites of Panama and British Guiana. Bulletin of the American Museum of Natural History 38 (17): 659–667 + 1 pl.
Banks, N. 1919. Antillean Isoptera. Bulletin of the Museum of Comparative Zoology 62 (10): 475–489 + 2 pls.
Banks, N. 1920. Part 1. Taxonomy. *In* N. Banks and T.E. Snyder, A revision of the Nearctic termites [Banks], with notes on the biology and distribution of termites [Snyder]: 1–85. United States National Museum Bulletin 108: [i]–viii + 1–228 + 35 pls.
Banks, N., and T.E. Snyder. 1920. A revision of the Nearctic termites [Banks], with notes on the biology and distribution of termites [Snyder]. United States National Museum Bulletin 108: [i]–viii + 1–228 + 35 pls.
Bao, L.-L. 1992. The modified third antennal segment of dry-wood termite soldiers, structure and function (Isoptera, Kalotermitidae). Proceedings 19th International Congress of Entomology, Beijing 1992: 243. [abstract]
Barbier, G. 2005. Observations en Sarthe de *Reticulitermes santonensis* Feytaud, 1924 (Isoptera: Rhinotermitidae), 3ème note. Bulletin de Entomologie Tourangelle et Ligerienne 26 (1): 4–9.
Barbosa, R.I. 1993. Período de forrageamento de duas espécies de *Syntermes* (Isoptera, Termitidae) em uma floresta tropical Amazônica e a relação com temperatura e umidade do ar. Revista Brasileira de Entomologia 37 (4): 763–767.
Bardunias, P., and N.-Y. Su. 2005. Comparison of tunnel geometry of subterranean termites (Isoptera: Rhinotermitidae) in "two-dimensional" and "three dimensional" arenas. Sociobiology 45 (3): 679–685.
Barnett, E.A., R.H. Cowie, and T.G. Wood. 1988. *Microtermes aethiopicus* sp. n., a fungus-growing termite (Isoptera: Termitidae: Macrotermitinae) from Ethiopia. Systematic Entomology 13 (2): 133–141.
Baroni-Urbani, C., and J.B. Saunders. 1982. The fauna of the Dominican Republic amber: the present status of knowledge. Transactions of the Ninth Caribbean Geological Conference (Santo Domingo): 213–223.
Barreto, B.T. 1923. Algunas nuevas especies de termitidos de Cuba. Memorias de la Sociedad Cubana de Historia Natural Felipe Poey 5: 106–109.
Barrett, J.H. 1965. The occurrence of termites in the New Guinea highlands. Papua and New Guinea Agricultural Journal 17 (3): 95–98 + 1 pl.
Barsotti, R.C., and A.M. Costa-Leonardo. 2000a. Ultramorphology of the gizzard in *Heterotermes tenuis* (Hagen) and *Coptotermes havilandi* Holmgren (Isoptera, Rhinotermitidae). Revista Brasileira de Entomologia 44 (34): 85–90.
Barsotti, R.C., and A.M. Costa-Leonardo. 2000b. Morfologia do tubo digestivo nos cupins *Heterotermes tenuis* (Hagen) e *Coptotermes havilandi* Holmgren (Isoptera, Rhinotermitidae). Revista Brasileira de Zoologia 17 (1): 205–212.
Barsotti, R.C., and A.M. Costa-Leonardo. 2005. The caste system of *Coptotermes gestroi* (Isoptera: Rhinotermitidae). Sociobiology 46 (1): 87–103.

Barsov, V.A. 1988. Termite *Reticulitermes lucifugus* Rossi in Dnepropetrovsk region. Vestnik Zoologii 5: [unpaginated]. [in Russian]

Bartz, S.H. 1979. The evolution of eusociality in termites. Proceedings of the National Academy of Sciences of the United States of America 76 (11): 5764–5768.

Basalingappa, S. 1967. The developmental changes in the terminal abdominal segments in caste differentiation in six species of termites. Journal of Animal Morphology and Physiology 14 (2): 248–256.

Basalingappa, S. 1968. The replacement of the primary reproductives in termites. Journal of Animal Morphology and Physiology 15 (1–2): 183–187.

Basalingappa, S. 1971. Association of *Speculitermes cyclops, Dicuspiditermes* (*Capritermes*) *incola* and an undetermined species of *Microtermes* with *Odontotermes assmuthi*. Indian Zoologist 2: 67–72.

Basalingappa, S. 1974. Swarming behavior of the termite *Odontotermes assmuthi* Holmgren. Karnatak University Journal of Science 19: 69–79.

Basalingappa, S. 1976. Sociotomy, a process of colony formation in the termites *Odontotermes assmuthi* (Holmgren) and *Speculitermes cyclops* (Roonwal and Sen-Sarma) (Termitidae, Isoptera). Journal of Karnatak University 21: 251–253.

Basappa, H., and D. Rajagopal. 1996. Dung termites of Karnataka and their incidence at different soil moisture levels. Mysore Journal of Agricultural Sciences 30 (4): 359–364.

Basu, P., E. Blanchart, and M. Lepage. 1996. Termite (Isoptera) community in the Western Ghats, south India: influence of anthropogenic disturbance of natural vegetation. European Journal of Soil Biology 32 (3): 113–121.

Bates, H.W. 1854. On some particulars in the natural history and habits of termites. Proceedings of the Linnean Society of London 2 (59): 333* [sic].

Bates, H.W. 1855. Proceedings of natural-history collectors in foreign countries. Zoologist 13: 4549–4553.

Bathellier, J. 1927. Contribution à l'étude systématique et biologique des termites de l'Indochine. Faune des Colonies Françaises 1 (4): 125–365 + [3].

Batista-Pereira, L.G., M.G. dos Santos, A.G. Corrêa, J.B. Fernandes, A. Arab, A.M. Costa-Leonardo, C.R.R.C. Dietrich, D.A. Pereira, and O.C. Bueno. 2004. Cuticular hydrocarbons of *Heterotermes tenuis* (Isoptera: Rhinotermitidae): analyses and electrophysiological studies. Zeitschrift für Naturforschung, C, Journal of Biosciences 59 (1–2): 135–139.

Batra, L.R., and S.W.T. Batra. 1966. Fungus-growing termites of tropical India and associated fungi. Journal of the Kansas Entomological Society 39 (4): 725–738.

Batra, L.R., and S.W.T. Batra. 1967. The fungus gardens of insects. Scientific American 217 (5): 112–120.

Batra, L.R., and S.W.T. Batra. 1979. Termite-fungus mutualism. *In* L.R. Batra (editor), Insect-fungus symbiosis: nutrition, mutualism, and commensalism: 117–163. New York: Halsted Press, 276 pp.

Bayode, E.M. 1979. A preliminary survey of termite fauna of the southern states of Nigeria. Material und Organismen 14 (3): 161–171.

Beal, R.H. 1967. Formosan invader. Pest Control 35 (2): 13–17.

Bechly, G. 2007. Isoptera: termites. *In* D.M. Martill, G. Bechly, and R.F. Loveridge (editors), The Crato fossil beds of Brazil: window into an ancient world: 249–262. New York: Cambridge University Press, xvi + 625 pp.

Becker, G. 1948. Über Kastenbildung und Umwelteinfluss bei Termiten. Biologisches Centralblatt 67 (9–10): 407–444.

Becker, G. 1952. Beobachtung der Kopulation bei *Calotermes flavicollis* (Fabr.) (Isoptera). Zoologischer Anzeiger 148 (5–8): 270–273.

Becker, G. 1953. Einige Beobachtungen über holzzerstörende Insekten (Termiten und Käfir) in Guatemala. Zeitschrift für Angewandte Entomologie 35 (3): 339–373.

Becker, G. 1955. Eine Farbmutation mit verändertem ökologischen Verhalten bei *Calotermes flavicollis* Fabr. (Isoptera). Zeitschrift für Angewandte Zoologie 42 (3): 393–404.

Becker, G. 1961. Beobachtungen und Versuche über den Beginn der Kolonie-Entwicklungen von *Nasutitermes ephratae* Holmgren (Isoptera). Zeitschrift für Angewandte Entomologie 49 (1): 78–93.

Becker, G. 1962a. Laboratoriumsprüfung von Holz und Holzschutzmitteln mit der südasiastischen Termite *Heterotermes indicola* Wasmann. Holz als Roh- und Werkstoff 20: 476–486.

Becker, G. 1962b. Die Temperaturabhängigkeit der Entwicklungsvorgänge in jungen Kolonien einer *Nasutitermes*-Art. Symposia Genetica et Biologica Italica 11: 286–295.

Becker, G. 1962c. Beiträge zur Kenntnis der geographischen Verbreitung und wirtschaftlichen Bedeutung von Termiten in Indien. Zeitschrift für Angewandte Entomologie 50 (2): 143–165.

Becker, G. 1962d. Beobachtungen über einige Termiten-Arten in Indien. Zeitschrift für Angewandte Entomologie 50 (4): 359–379.

Becker, G. 1964. Reaktion von Insekten auf Magnetfelder, elektrische Felder und atmospherics. Zeitschrift für Angewandte Entomologie 54 (1–2): 75–88.

Becker, G. 1969. Rearing of termites and testing methods used in the laboratory. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 351–385. New York: Academic Press, xiii + 598 pp.

Becker, G. 1970a. Vergleichende Untersuchungen zur Ökologie einiger *Reticulitermes*-Arten (Ins., Isopt.). Zeitschrift für Angewandte Entomologie 65 (2): 183–216.

Becker, G. 1970b. *Reticulitermes* (Ins., Isopt.) in Mittel- und West-Europa. Zeitschrift für Angewandte Entomologie 65 (3): 268–278.

Becker, G. 1975a. *Heterotermes indicola* (Ins., Isopt.) damaging wood in buildings at Kathmandu (Nepal). Material und Organismen 10 (4): 275–280.

Becker, G. 1975b. Einfluss von magnetischen, elektrischen und Schwere-Feldern auf den Galeriebau von Termiten. Umschau 75 (6): 183–185.

Becker, G. 1979. Magnetfeld-Einfluss auf Aktivität und Richtungsverhalten von Termiten beim Bau senkrechter Galerien. Material und Organismen 14 (2): 81–92.

Becker, G. 1980a. Beobachtungen über die Entwicklung junger Kolonien von *Incisitermes marginipennis* (Latreille) und deren Temperaturabhängigkeit. Material und Organismen 15 (2): 91–105.

Becker, G. 1980b. Temperatur-Einfluss auf Entwicklungsvorgänge bei *Kalotermes flavicollis* (Fabr.). Material und Organismen 15 (2): 107–118.

Becker, G. 1980c. Termiten im Kathmandu-Tal in Nepal. Zeitschrift für Angewandte Entomologie 89: 31–34.

Becker, G. 1981. Differences in behaviour of geographical races of *Reticulitermes* species. *In* P.E. Howse, and J.-L. Clément (editors), Biosystematics of social insects: 283–288. New York: Academic Press, [14] + 346 pp.

Becker, G., and K. Seifert. 1962. Ueber die chemische Zusammensetzung des Nest- und Galeriematerials von Termiten. Insectes Sociaux 9 (3): 273–289.

Bedo, D.G. 1987. Undifferentiated sex chromosomes in *Mastotermes darwiniensis* Froggatt (Isoptera; Mastotermitidae) and the evolution of eusociality in termites. Genome 29 (1): 76–79.

Beesley, J. 1978. *Porotermes adamsoni* (Froggatt): a dampwood termite (white ant). CSIRO, Division of Building Research, Information Service Sheet 10–69: 1–2.

Beeson, C.F. 1941. The ecology and control of the forest insects of India and the neighbouring countries. Dehra Dun, India: Vasant Press (reprinted Shiva Offset Press, 1993), ii + 1007 pp.

Behnke, F.L. 1977. A natural history of termites. New York: Scribner, x + 118 pp.

Behr, E.A. 1973. Termite distribution in Michigan. Great Lakes Entomologist 6 (4): 107–120.

Bei-Bienko, G.Y. 1964. Identification key of the insects of the European Part of the USSR. I. Apterygota, Palaeoptera, Hemimetabola. Opredeliteli po Faune SSSR 84: 1–935. [in Russian]

Bei-Bienko, G.Y. 1967. Order Isoptera-termites. *In* O. Theodor (editor), Keys to the insects of the European USSR. I. Apterygota, Palaeoptera, Hemimetabola. Vol. 1: 206–209. Washington, D.C.: Smithsonian Institution and National Science Foundation, vii + 1213 pp. [English translation of Bei-Bienko, 1964]

Bei-Bienko, G.Y. 1972. Order Isoptera-termites. *In* O.L. Kryzhanovskii and E.M. Dantsig (editors), Insect and mite pests of agricultural crops. Hemimetabolous insects. Vol. 1: 15–16. Leningrad [St. Petersburg]: Zoological Institute, 342 pp. [in Russian]

Belousova, T.A., E.L. Igonin, S.G. Klochkov, E.P. Senchenkov, and G.Y. Pervukhin. 1986. Electron microscopic study of the antennae structure of *Kalotermes flavicollis* Fabr. *In* V.E. Sokolov (editor), Chemical communication of animals: theory and practice: 20–24. Moscow: Nauka, 431 pp. [in Russian]

Belyaeva, N.V. 1972. The morphology of the Turkestan termite *Anacanthotermes turkestanicus* Jacobs (Hodotermitidae). *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 2, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 5–34. Moscow: University Publishing House, 215 pp. [in Russian, with English title]

Belyaeva, N.V. 1974a. About species belonging [to] the Turkmenian termites *Amitermes*: *Amitermes rhizophagus* sp. n. (Isoptera: Termitidae). *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 5, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 62–73. Moscow: University Publishing House, 222 pp. [in Russian, with English title]

Belyaeva, N.V. 1974b. Natural hybridisation and experimental crossing of the termites *Anacanthotermes* Jacobson. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 5, Bio-

deterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 74–83. Moscow: University Publishing House, 222 pp. [in Russian, with English title]

Belyaeva, N.V. 1978. Les particularités écologiques des termites nuisables de l'URSS. Memorabilia Zoologica 29: 306.

Belyaeva, N.V. 1979. Redescription of *Microcerotermes turkmenicus* Luppova (Isoptera, Termitidae). *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 9, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 36–46. Moscow: University Publishing House, 152 pp. [in Russian, with English title]

Belyaeva, N.V. 1992. Fauna and biology of termites in Viet-nam. Proceedings 19th International Congress of Entomology, Beijing 1992: 242. [abstract]

Belyaeva, N.V. 1998. The first record of a termite of the genus *Archotermopsis* (Isoptera: Termopsidae) from North Vietnam. *In* C.-S. Thu, M.V. Kalyakin, L.P. Korzun, A.N. Kuznetsov, P. Luong, V.S. Roumak, and V.V. Rozhov (editors), Mater[i]als of zoological and botanical studies in Fan Si Pan Summit Area (North Vietnam). Series biodiversity of Vietnam: 245–251. Moscow: Joint Russian-Vietnamese Science and Technological Tropical Centre, 286 pp. [in Russian, with English summary]

Belyaeva, N.V. 2002. Order Termidida Latreille, 1802. The termites (= Isoptera Brullé, 1832). *In* A.P. Rasnitsyn and D.L.J. Quicke (editors), History of insects: 270–273. Dordrecht: Kluwer Academic Publishers, xii + 517 pp.

Belyaeva, N.V. 2004a. A new species of the termite genus *Archotermopsis* (Isoptera, Hodotermitidae, Termopsinae) from North Vietnam. Entomologicheskoe Obozrenie 83 (2): 369–377. [in Russian, with English translation in Entomological Review 84 (8): 887–893]

Belyaeva, N.V. 2004b. A new record of termites of the genus *Hodotermopsis* Holmgren, 1911 (Isoptera, Hodotermitidae) from Vietnam and discussion of the taxonomic status of *H. japonicus* Holmgren, 1912. Entomologicheskoe Obozrenie 83 (4): 842–849. [in Russian, with English translation in Entomological Review 84 (8): 894–899]

Belyaeva, N.V., and L.G. Dovgobrod. 2006. The genitalia of termites (Isoptera): possibilities of using in taxonomy. Entomological Review 86 (5): 501–508. [English translation from the Russian]

Belyaeva, N.V., and D.P. Zhuzhikov. 1974. Contributions to the fauna and distribution of termites in the U.S.S.R. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 5, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 7–61. Moscow: University Publishing House, 222 pp. [in Russian, with English title].

Belyaeva, N.V., and D.P. Zhuzhikov. 1977. Colonial settlements of the termite *Anacanthotermes ahngerianus* Jacobson (Isoptera, Hodotermitidae). *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 181–182. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Belyaeva, N.V., D.P. Zhuzhikov, and E.K. Zolotarev. 1969. Interconnections between nests of the large transcaspian termite. Vestnik Modkovskogo Universita 24 (6): 19–25. [in Russian]

Benemann, J.R. 1973. Nitrogen fixation in termites. Science 181: 164–165.

Benkert, J.M. 1930. Chromosome number of the male of the first form reproductive caste of *Reticulitermes flavipes* Kollar. Proceedings of the Pennsylvania Academy of Sciences 4: 1–3.

Bennett, F.D., and M.M. Alam. 1985. An annotated check-list of the insects and allied terrestrial arthropods of Barbados. Bridgetown, Barbados: Caribbean Agricultural Research and Development Institute, vi + 81 pp.

Bentley, B.L. 1984. Nitrogen fixation in termites: fate of newly fixed nitrogen. Journal of Insect Physiology 30 (8): 653–655.

Bentley, B.L. 1987. Geographic variations of nasute termites in Savanna "Islands" of Venezuela. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects [proceedings of the 10th international congress of the International Union for the Study of Social Insects, Munich, 18–22 August 1986]: 412. Munich: J. Peperny, xxxv + 16 + 757 pp.

Benzie, J.A.H. 1977. Termite distribution and abundance. Aberdeen University Report, Aberdeen University Expedition to Mole National Park, Ghana pp. 31–46.

Benzie, J.A.H. 1983. *Duplidentitermes furcatidens* (Sjöstedt, 1924) (Isoptera, Termitidae) in Northern Guinea savanna habitats, Ghana. African Journal of Ecology 21 (3): 203–204.

Benzie, J.A.H. 1985. The shape and growth of the mounds of the termites *Trinervitermes geminatus* (Wasmann) and *Cubitermes curtatus* Silvestri (Isoptera: Termitidae) in northern Guinea savanna West Africa. Insectes Sociaux 32 (3): 325–328.

Benzie, J.A.H. 1986. The distribution, abundance, and the effects of fire on mound building termites (*Trinervitermes* and *Cubitermes* spp., Isoptera: Termitidae) in northern guinea savanna West Africa. Oecologia (Berlin) 70: 559–567.

Bequaert, J. 1925. *Neotermes* injurious to living guava tree, with notes on other Amazonian termites. Entomological News 36: 289–294 + 1 pl.

Bequaert, J.C., and F.M. Carpenter. 1941. The antiquity of social insects. Psyche (Cambridge) 48 (1): 50–55.

Berg, C. 1880. La vida y costumbres de los termitos (conferencia popular). Buenos Aires: Sociedad Cientifica Argentina, 16 pp. + 1 pl.

Bergamaschi, S., T. Dawes-Gromadzki, A. Luchetti, B. Mantovani, and M. Marini. 2005. Preliminary molecular analysis of Isoptera taxa from the Australian Northern Territory. Redia 87 [2004]: 239–242.

Bergamaschi, S., T.Z. Dawes-Gromadzki, V. Scali, M. Marini, and B. Mantovani. 2007. Karyology, mitochondrial DNA and the phylogeny of Australian termites. Chromosome Research 15: 735–753.

Bernard, F. 1948. Les insectes sociaux du Fezzân: comportement et biogéographie. Memoires de la Mission Scientifique du Fezzan, Zoologie 5: 85–201.

Bernardini-Mosconi, P. 1959. La ghiandola protoracica in alcune specie di Isotteri. Bollettino di Zoologia 26 (2): 307–311.

Bernardini-Mosconi, P. 1964. Morphologie de la glande ventrale et de la glande prothoracique chez les blattes et les termites. Annales d'Endocrinologie 25 (5): 72–78.

Bernardini-Mosconi, P., and M.L. Vecchi. 1964a. La ghiandola ventrale (tentoriale) in alcune specie de Termitidae. Atti dell'Accademia Nazionale Italiana di Entomologia Rendiconti 11 [1963]: 205–210.

Bernardini-Mosconi, P., and M.L. Vecchi. 1964b. Osservazioni istologiche e fluoromicroscopiche sulla ghiandola sternale de *Reticulitermes lucifugus* (Rhinotermitidae). Symposia Genetica et Biologica Italica 13: 169–177.

Berry, E.W. 1928. The smaller Foraminifera of the middle Lobitos shales of northwestern Peru. Eclogae Geologicae Helvetiae 21: 390–405.

Bess, H.A. 1966. *Coptotermes vastator* Light. Proceedings of the Hawaiian Entomological Society 19 (2): 136.

Bess, H.A. 1970. Termites of Hawaii and the Oceanic Islands. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 449–476. New York: Academic Press, xiv + [1] + 643 pp.

Bieberdorf, G.A. 1958. *Kalotermes minor* Hagen in Oklahoma. Proceedings of the Oklahoma Academy of Sciences 38 [1957]: 52–53.

Bigger, M. 1966. The biology and control of termites damaging field crops in Tanganyika. Bulletin of Entomological Research 56: 417–444.

Bignell, D.E. 1994. Soil-feeding and gut morphology in higher termites. *In* J.H. Hunt and C.A. Nalepa (editors), Nourishment and evolution in insect societies: 131–158. Boulder, CO: Westview Press, xii + 449 pp.

Bignell, D.E. 2000. Introduction to symbiosis. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 189–208. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Bignell, D.E. 2010. Morphology, physiology, biochemistry and functional design of the termite gut: an evolutionary wonderland. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 375–412. Dordrecht: Springer, xiv + 576 pp.

Bignell, D.E., and J.M. Anderson. 1980. Determination of pH and oxygen status in the guts of lower and higher termites. Journal of Insect Physiology 26: 183–188.

Bignell, D.E., and P. Eggleton. 1995. On the elevated intestinal pH of higher termites (Isoptera: Termitidae). Insectes Sociaux 42 (1): 57–69.

Bignell, D.E., and P. Eggleton. 2000. Termites in ecosystems. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 363–387. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Bignell, D.E., H. Oskarsson, and J.M. Anderson. 1980a. Specialization of the hindgut wall for the attachment of symbiotic micro-organisms in a termite *Procubitermes aburiensis* (Isoptera, Termitidae, Termitinae). Zoomorphology (Berlin) 96 (1–2): 103–112.

Bignell, D.E., H. Oskarsson, and J.M. Anderson. 1980b. Distribution and abundance of bacteria in the gut of a soil-feeding termite *Procubitermes aburiensis* (Termitidae, Termitinae). Journal of General Microbiology 117: 393–403.

Bignell, D.E., H. Oskarsson, J.M. Anderson, P. Ineson, and T.G. Wood. 1983. Structure, microbial associations and function of the so-called "mixed segment" of the gut in two soil-feeding termites, *Procubitermes aburiensis* and *Cubitermes severus* (Termitidae, Termitinae). Journal of Zoology (London) 201: 445–480.

Bignell, D.E., P. Eggleton, L. Nunes, and K.L. Thomas. 1997. Termites as mediators of carbon fluxes in tropical forest: budgets for carbon dioxide and methane emissions. *In* A.D. Watt, N.E. Stork, and M.D. Hunter (editors), Forests and insects: 109–134. London: Chapman and Hall, xv + 406 pp.

Bignell, D.E., Y. Roisin, and N. Lo (editors), 2010. Biology of termites: a modern synthesis. Dordrecht: Springer, xiv + 576 pp.

Billberg, G.J. 1820. Enumeratio insectorum in Museo Gust. Joh. Billberg. Holmiae [Stockholm], Sweden: Typis Gadelianis, [2] + 138 pp.

Billen, J., and E.D. Morgan. 1998. Pheromone communication in social insects: sources and secretions. *In* R.K. Vander Meer, M.D. Breed, K.E. Espelie, and M.L. Winston (editors), Pheromone communication in social insects: ants, wasps, bees, and termites: 3–33. Boulder, CO: Westview Press, x + [2] + 368 pp.

Billen, J., R.H. Leuthold, and L. Joye. 1987. Salivary gland morphology related to polyethism in the termite *Macrotermes bellicosus. In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 415. Munich: J. Peperny, xxxv + 16 + 757 pp.

Billen, J., L. Joye, and R.H. Leuthold. 1989. Fine structure of the labial gland in *Macrotermes bellicosus* (Isoptera, Termitidae). Acta Zoologica Stockholm 70 (1): 37–45.

Billen, W. 1988. Tropische Insekten in Basel, II. Mitteilungen aus der entomologischen Gesellschaft, Basel 38 (2–3): 53–57.

Binder, B.F. 1988. Intercolonial aggression in the subterranean termite *Heterotermes aureus* (Isoptera: Rhinotermitidae). Psyche (Cambridge) 95 (1–2): 123–137.

Bisht, J.S., and J.S. Bisht. 1984. Polygamy in a carton nest building termite, *Microcerotermes championi* (Isoptera; Termitidae; Amitermitinae). Current Science (Bangalore) 53 (18): 994–995.

Bitsch, C., and C. Noirot. 2002. Gut characters and phylogeny of the higher termites (Isoptera: Termitidae). A cladistic analysis. Annales de la Société Entomologique de France (n.s.) 38 (3): 201–210.

Bitsch, J. 1979. Morphologie abdominale des insectes. *In* P.-P. Grassé (editor), Traité de zoologie. anatomie, systématique, biologie. Vol. 8 (Insectes, 2): 291–578. Paris: Masson et Cie, [8] + 600 pp.

Blanchard, E. 1840. Néuroptères. Termiens. *In* E. Blanchard, Histoire naturelle des insectes: orthoptères, néuroptères, hémiptères, hyménoptères, lépidoptères et diptères. Vol. 3: 46–47. Paris: P. Duménil, Vol. 3 672 pp.

Blanchard, E. 1846. 2. Insectes. Néuroptères. 747. Termite a ailes claires. *In* A. Brullé and E. Blanchard, Voyage dans l'Amérique méridionale (le Brésil, la République orientale de l'Uruguay, la République Argentine, la Patagonie, la République du Chili, la République de Bolivia, la République du Pérou) exécuté pendant las années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833 par Alcide d'Orbigny. Vol. 6: 216–217. Paris: P. Bertrand, 222 pp. + 52 pls.

Blanchard, E. 1849. Les insectes: les termites, (*Termes. Hemerobius.* Lin.). *In* G. Cuvier (editor), Le règne animal: distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux, et d'introduction à l'anatomie comparée. Vol. 2 (text and atlas) 3rd ed.: 102–106 + pl. 106 [figs. 1–4]. Fortin, Paris: Masson et Cie, 443 pp. + pls. 76–182.

Blanchard, E. 1851. Termianos. *In* C. Gay (editor), Historia fisica y politica de Chile. Vol. 6: 87–91. Paris: "En casa del autor," 572 pp.

Bland, J.M., W.L.A. Osbrink, M.L. Cornelius, A.R. Lax, and C.B. Vigo. 2003. Detection of termite cuticular hydrocarbons by solid-phase microextraction (SPME). Sociobiology 41 (1): 91–104.

Bleich, K.E. 1988. Miocene lake development and environment of the Randeck Maar (Swabian Alb, southwest Germany). Neues Jahrbuch für Geologie und Paläontologie Monatschefte 177 (2): 263–288.

Blomquist, G.J., R.W. Howard, and C.A. McDaniel. 1979a. Structures of the cuticular hydrocarbons of the termite *Zootermopsis angusticollis* (Hagen). Insect Biochemistry 9 (4): 365–370.

Blomquist, G.J., R.W. Howard, and C.A. McDaniel. 1979b. Biosynthesis of the cuticular hydrocarbons of the termite *Zootermopsis angusticollis* (Hagen). Incorporation of propionate into dimethylalkanes. Insect Biochemistry 9 (4): 371–374.

Blomquist, G.J., J.A. Tillman, S. Mpuru, and S.J. Seybold. 1998. The cuticle and cuticular hydrocarbons of insects: structure, function, and biochemistry. *In* R.K. Vander Meer, M.D. Breed, K.E. Espelie, and M.L. Winston (editors), Pheromone communication in social insects: ants, wasps, bees, and termites: 34–54. Boulder, CO: Westview Press, x + [2] + 368 pp.

Blum, M.S. 1981a. Chemical defenses of arthropods. New York: Academic Press, xii + 562 pp.

Blum, M.S. 1981b. Sex pheromones in social insects: chemotaxonomic potential. *In* P.E. Howse and J.-L. Clément (editors), Biosystematics of social insects: 163–174. New York: Academic Press, [14] + 346 pp.

Blum, M.S., T.H. Jones, D.F. Howard, and W.L. Overal. 1982. Biochemistry of termite defenses: *Coptotermes, Rhinotermes,* and *Cornitermes* species. Comparative Biochemistry and Physiology, Part B 71 (4): 731–733.

Blumenbach, J.F. 1810. Chapter 9. *Termes fatalis*: die allverheerende Termite oder sogenannte weisse Ameise. Chapter 10. Gebaude der (Guineischen) Termiten; sowohl von aussen als im denkelrechten Durchschnitt. *In* J.F. Blumenbach, Abbildungen naturhistorischer Gegenstände, 2nd ed.: 9–10 pls. Göttingen, Germany: Heinrich Dieterich, [10] + [210] pp. + [100] pls.

Bobe-Moreau, M. 1843. Mémoire sur les termites observés à Rochefort et dans divers autres lieux de département de la Charente-Inférieure. Saintes, France: Hus, xliv + 122 + [1] pp. + 1 l.

Bodot, P. 1964a. Études écologiques et biologiques des termites dans les savanes de basse Côte d'Ivoire. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 251–262. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bodot, P. 1964b. Documents sur les jeunes nids de *Bellicositermes bellicosus.* Insectes Sociaux 9 (3): 283–292.

Bodot, P. 1966. Études écologique et biologique des termites des savanes de basse Côte-d'Ivoire. D.Sc. dissertation, Université d'Aix-Marseille, France, 190 pp.

Bodot, P. 1968a. Étude écologique des termites des savanes de basse Côte-d'Ivoire. Insectes Sociaux 14 (3) [1967]: 229–258.

Bodot, P. 1968b. Observations sur l'essaimage et les premières étapes du développement de la colonie d'*Allodontermes giffardii* Silv. (Isoptera, Termitidae). Insectes Sociaux 14 (4) [1967]: 351–358.

Bodot, P. 1968c. Cycles saisonniers d'activité collective des termites des savanes de basse Côte-d'Ivoire. Insectes Sociaux 14 (4) [1967]: 359–387.

Bodot, P. 1969. Composition des colonies de termites: ses fluctuations au cours du temps. Insectes Sociaux 16 (1): 39–53.

Bodot, P. 1970. La composition des colonies de *Cubitermes subcrenulatus* Silvestri (Isoptera, Termitidae). Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 271 (3): 327–330.

Bodot, P. 1971. L'évolution de la faune de termites dans les savanes de Basse Côte d'Ivoire. Annales de l'Université d'Abidjan, Série E (Écologie) 4 (1): 195–207.

Bolivar, I. 1884. Artrópodos del viaje al Pacífico verificado de 1862 a 1865 por una comision de naturalistas enviada por el gobierno español. Insectos: neurópteros y ortópteros. Madrid: Miguel Ginesta, 114 pp. + 3 pls.

Bolton, B. 1995. A new general catalogue of the ants of the world. Cambridge, MA: Harvard University Press, 504 pp.

Bonabeau, E., G. Theraulaz, J.-L. Deneubourg, N.R. Franks, O. Rafelsberger, J.-L. Joly, and S. Blanco. 1998. A model for the emergence of pillars, walls and royal chambers in termite nests. Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences 353: 1561–1576.

Bonneville, P.-P. 1936. Recherches sur l'anatomie microscopique des termites. Arvenia Biologica (Faculté des Sciences, Université de Clermont-Ferrand) 15: 1–127 + 2 pls.

Bordereau, C. 1967. Cuticule intersegmentaire des imagos de termites supérieurs (Isoptera, Termitidae): dimorphisme sexuel, ultrastructure, relations avec la physogastrie de la reine. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 265: 1997–2000 + 1 pl.

Bordereau, C. 1971a. Dimorphisme sexuel du système trachéen chez les imagos ailés de *Bellicositermes natalensis* Haviland (Isoptera, Termitidae); rapports avec la physogastrie de la reine. Archives de Zoologie Expérimentale et Générale 112 (1): 33–54.

Bordereau, C. 1971b. Le système trachéen de la reine physogastre et du roi chez *Bellicositermes natalensis* Haviland (Isoptera, Termitidae). Archives de Zoologie Expérimentale et Générale 112 (4): 747–760 + 3 pls.

Bordereau, C. 1975a. Déterminisme des castes chez les termites supérieurs: mise en évidence d'un contrôle royal dans la formation de la caste sexuée chez *Macrotermes bellicosus* Smeathman (Isoptera, Termitidae). Insectes Sociaux 22 (4): 363–373.

Bordereau, C. 1975b. Croissance des trachées au cours de l'évolution de la physogastrie chez la reine des termites superieurs (Isoptera: Termitidae). International Journal of Insect Morphology and Embryology 4 (5): 431–465.

Bordereau, C. 1982. Ultrastructure and formation of the physogastric termite queen cuticle. Tissue and Cell 14 (2): 371–396.

Bordereau, C. 1985. The role of pheromones in termite caste differentiation. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3: caste differentiation in social insects: 221–226. Oxford: Pergamon Press, xiv + 405 pp.

Bordereau, C. 1986. Stimulatory influence of the queen and king on soldier differentiation in the higher termites *Nasutitermes lujae* and *Cubitermes fungifaber.* Insectes Sociaux 33 (3): 296–305.

Bordereau, C., and S.O. Andersen. 1978. Structural cuticular proteins in termite queens. Comparative Biochemistry and Physiology, Part B 60: 251–256.

Bordereau, C., and S.-H. Han. 1986. Stimulatory influence of the queen and king on soldier differentiation in the higher termites *Nasutitermes lujae* and *Cubitermes fungifaber.* Insectes Sociaux 33 (3): 296–305.

Bordereau, C., and S.-H. Han. 1987. Soldier regulation in the higher termites: stimulatory influence of the royal pair. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, 18–22 August, 1986: 291. Munich: J. Peperny, xxxv + 16 + 757 pp.

Bordereau, C., and J.M. Pasteels. 2010. Pheromones and chemical ecology of dispersal and foraging in termites. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors) Biology of termites: a modern synthesis: 279–320. Dordrecht: Springer, xiv + 576 pp.

Bordereau, C., A. Robert, O. Bonnard, and J.-L. Le Quere. 1990. Cis-3, cis-6, trans-8 dodecatrien-1-ol: sex and trail following pheromone in a higher fungus-growing termite? *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 39–40. Leiden: E.J. Brill, xxxi + 765 pp.

Bordereau, C., A. Robert, O. Bonnard, and J.-L. Le Quere. 1991. (3*Z*,6*Z*,8*E*)-3,6,8-dodecatrien-1-OL: sex pheromone in a higher fungus-growing termite, *Pseudacanthotermes spiniger* (Isoptera, Macrotermitinae). Journal of Chemical Ecology 17 (11): 2177–2191.

Bordereau, C., A. Robert, N. Laduguie, O. Bonnard, J.-L. Le Quere, and R. Yamaoka. 1993. Detection du (Z,Z,E)-3,6,8-dodecatrien-1-ol par les ouvriers et les essaimants de deux espèces de termites champignonnistes: *Pseudacanthotermes spiniger* et *P. militaris* (Termitidae, Macrotermitinae). Actes des Colloques Insectes Sociaux 8: 145–149.

Bordereau, C., A. Robert, V. Van Tuyen, and A. Peppuy. 1997. Suicidal defensive behaviour by frontal gland dehiscence in *Globitermes sulphureus* Haviland soldiers (Isoptera). Insectes Sociaux 44: 289–297.

Bordereau, C., A. Peppuy, S. Connétable, and A. Robert. 1998. The termites of the Réunion Island. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 69. Adelaide: International Union for the Study of Social Insects, [5] + 545 pp.

Bordereau, C., A. Peppuy, S. Connétable, and A. Robert. 1999. Les termites de l'île de la Réunion et leur importance economique. Actes des Colloques Insectes Sociaux 12: 159–164.

Bordereau, C., E.M. Cancello, E. Sémon, A. Courrent, and B. Quennedeey. 2002. Sex pheromone identified after solid phase microextraction from tergal glands of female alates in *Cornitermes bequaerti* (Isoptera, Nasutitermitinae). Insectes Sociaux 49: 209–215.

Bordy, E.M., A.J. Bumby, O. Catuneanu, and P.G. Eriksson. 2004. Advanced Early Jurassic termite (Insecta: Isoptera) nests: evidence from the Clarens Formation in the Tuli Basin, southern Africa. Palaios 5 (19): 68–78.

Börner, C. 1904. Zur Systematik der Hexapoden. Zoologischer Anzeiger 17 (16–17): 511–533.

Bose, G. 1975. Two new species of *Odontotermes* (Isoptera: Termitidae) from southern India. Oriental Insects 9 (2): 157–164.

Bose, G. 1976. A further record of *Neotermes andamanensis* Snyder, the little known termite of the Andamans. Newsletter, Zoological Survey of India 2 (3): 104.

Bose, G. 1977. Distribution of termites in southern India. Second Oriental Entomology Symposium, March 23–27, 1977, Entomology Research Unit, Loyola College, Madras. Abstracts pp. 54–55.

Bose, G. 1979. A new species from India of the termite-genus *Procryptotermes* Holmgren (Kalotermitidae), with a description of the hitherto unknown imago of *P. dhari* Roonwal and Chhotani. Bulletin of the Zoological Survey of India 2 (1): 53–59.

Bose, G. 1980. A further contribution to the study of termite fauna of Andaman and Nicobar Islands. Records of the Zoological Survey of India 77: 93–109.

Bose, G. 1984. Termite fauna of southern India. Records of the Zoological Survey of India, Occasional Paper 49: i–ix + 1–270 + [1].

Bose, G. 1992. A new genus of nasutiform termite from northeastern India. Journal of the Zoological Society of India 42 (1–2): 73–79.

Bose, G. 1993. An unusual case of mound construction by the termite *Odontotermes feae* (Wasmann). Records of the Zoological Survey of India 92 [1992] (1–4): 19–22.

Bose, G. 1997. [New species]. *In* O.B. Chhotani, Fauna of India and the adjacent countries. Isoptera (termites). (Family Termitidae). Vol. 2: 382–384, 477–478, 537–539, 542–544, 625–628, 671–673. Calcutta: Zoological Survey of India, xx + 800 pp.

Bose, G. 1999. Termite fauna of north eastern India. Records of the Zoological Survey of India, Occasional Paper 171: 1–148.

Bose, G., and B.C. Das. 1982. Termite fauna of Orissa state, eastern India. Records of the Zoological Survey of India 80 (1–2): 197–213.

Bose, G., and B.C. Das. 1987. Fauna of Orissa, Part 1. Insecta: Isoptera (a check-list). Zoological Survey of India State Fauna Series 1: 103–111.

Bose, G., and P.K. Maiti. 1966. A new species of *Eurytermes* Wasmann (Insecta: Isoptera: Termitidae) from India. Proceedings of the Zoological Society (Calcutta) 19: 115–120.

Bose, G., and P.K. Maiti. 1976. Genus *Prorhinotermes* Silvestri from the Indian mainland. Newsletter, Zoological Survey of India 2 (1): 15–16.

Bose, G., and P.N. Roy. 1984. On a small collection of termites (Isoptera, Insecta) from Bangladesh, with notes on distribution. Bulletin of the Zoological Survey of India 5 (2–3): 189–190.

Bose, S.R. 1923. The fauna of an island in the Chilka Lake III. The fungi cultivated by the termites of Barkuda. Records of the Indian Museum 25: 253–258 + 1 pl.

Boudreaux, H.B. 1979. Arthropod phylogeny with special reference to insects. New York: Wiley, 320 pp.

Boudreaux, H.B. 1987. Arthropod phylogeny with special reference to insects. 2nd ed. Malabar, FL: R.E. Krieger Pub. Co., viii + 320 pp.

Bouillon, A. 1958. Les termites du Katanga. Naturalistes Belges 39 (6): 198–208.

Bouillon, A., (editor). 1964a. Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A. 1964b. Étude de la composition des sociétés dans trois espèces d'*Apicotermes* Holmgren (Isoptera, Termitinae). *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 181–196. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A. 1964c. Préférences en matière de sol chez *Cubitermes exiguus* et rôle de guide joué par un *Microcerotermes* associé. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 285–294. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A. 1964d. Structure et accroissement des nids d'*Apicotermes* Holmgren (Isoptera, Termitinae). *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 295–326. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A. 1966. *Apicotermes* dit "du Mayumbe" et à auvents en ceinture continue. Déscription des soldats (Isoptera, Termitidae). Insectes Sociaux 13 (4): 241–253.

Bouillon, A. 1967. Influence du milieu sur la composition et la régulation des sociétés de *Cubitermes* Wasmann. Comptes Rendus du Ve Congrès de l'Union Internationale pour l'Étude des Insectes Sociaux (Toulouse, 5–10 Juillet 1965) 1967: 93–105.

Bouillon, A. 1970. Termites of the Ethiopian region. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 153–280. New York: Academic Press, xiv + [1] + 643 pp.

Bouillon, A. 1981. Mechanisms of species isolation in termites. *In* P.E. Howse and J.-L. Clément (editors), Biosystematics of social insects: 297–307. New York: Academic Press, [14] + 346 pp.

Bouillon, A., and S. Kidieri. 1964. Répartition des termitières de *Belliocitermes bellicosus rex* dans l'Ubangi d'après les photos aériennes. Corrélations écologiques qu'elle révèle. *In* A. Bouillon (editor), Études sur les termites

africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 373–378. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A., and R. Lekie. 1964. Populations, rythme d'activité diurne et cycle de croissance du nid de *Cubitermes sankurensis* Wasmann (Isoptera, Termitinae). *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 197–213. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A., and G. Mathot. 1964. Observations sur l'écologie et le nid de *Cubitermes exiguus* Mathot. Description de nymphes-soldats et d'un pseudimago. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 215–230. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Bouillon, A., and G. Mathot. 1965. Quel est ce termite africain? Zooleo (Kinshasa) 1: 1–115.

Bouillon, A., and G. Mathot. 1966. Quel est ce termite africain? Zooleo (Kinshasa) 1 (Suppl. 1): 1–23 + 4 pls.

Bouillon, A., and G. Mathot. 1971. Quel est ce termite africain? Zooleo (Kinshasa) 1 (Suppl. 2): 1–48 + 1 table.

Bouillon, A., and P.P. Vincke. 1971. Valvule entérique et révision du genre *Cubitermes* Wasmann: *Cubitermes bugeserae* sp. nov. (Isoptera, Termitidae). Revue de Zoologie et de Botanique Africaines 84 (3–4): 269–280.

Bouillon, A., and P.P. Vincke. 1973a. Hybridisme et génétique expérimentale chez les termites (Isoptera). Revue de Zoologie et de Botanique Africaines 87 (1): 31–49.

Bouillon, A., and P.P. Vincke. 1973b. *Ophiotermes* Sjöstedt (Isoptera, Termitidae) du Zaïre et du Rwanda: *Ophiotermes shabaensis* sp. n. et morphotypes nouveaux. Revue de Zoologie et de Botanique Africaines 87 (3): 457–484.

Bouillon, A., and P.P. Vincke. 1973c. *Megagnathotermes* Silvestri (Isoptera Termitinae): valvules entériques, révision des soldats, morphotype nouveau, comparison avec *Cubitermes* et *Ophiotermes.* Revue de Zoologie et de Botanique Africaines 87 (4): 764–774.

Bouillon, A., and B. Wabo. 1973. *Labidotermes celisi* Deligne et Pasteels (Isoptera: Amitermitinae): écologie, nid, société, variations, croissance. Revue de Zoologie et de Botanique Africaines 87 (2): 413–420.

Bouillon, A., R. Lekie, and G. Mathot. 1962. Études sur les termites africains. 1. Distribution spatiale et essai sur l'origine et la dispersion des espèces du genre *Apicotermes* (Termitinae). Studia Universitatis Lovanium Faculté des Sciences (Léopoldville) 15: 1–35.

Bourke, A.F.G. 1999. Colony size, social complexity and reproductive conflict in social insects. Journal of Evolutionary Biology 12 (2): 245–257.

Boutton, T.W., M.A. Arshad, and L.L. Tieszen. 1983. Stable isotope analysis of termite food habits in East African grasslands. Oecologia (Berlin) 59 (1): 1–6.

Bourguignon, T., and Y. Roisin. 2011. Revision of the termite family Rhinotermitidae (Isoptera) in New Guinea. ZooKeys 148: 55–103.

Bourguignon, T., M. Leponce, and Y. Roisin. 2008. Revision of the Termitinae with snapping soldiers (Isoptera: Termitidae) from New Guinea. Zootaxa 1769: 1–34.

Bourguignon, T., J. Šobotník, R. Hanus, and Y. Roisin. 2009a. Developmental pathways of *Glossotermes oculatus* (Isoptera, Serritermitidae): at the cross-roads of worker caste evolution in termites. Evolution and Development 11 (6): 659–668.

Bourguignon, T., J. Šobotník, G. Lepoint, J.-M. Martin, and Y. Roisin. 2009b. Niche differentiation among Neotropical soldierless soil-feeding termites revealed by stable isotope ratios. Soil Biology and Biochemistry 41: 2038–2043.

Bourguignon, T., R.H. Scheffrahn, J. Křeček, Z.T. Nagy, G. Sonet and Y. Roisin. 2010. Towards a revision of the Neotropical soldierless termites (Isoptera: Termitidae): redescription of the genus *Anoplotermes* and description of *Longustitermes,* gen.nov. Invertebrate Systematics 24: 357–370.

Bown, T.M. 1982. Ichnofossils and rhizoliths of the nearshore fluvial Jebel Qatrani Formation (Oligocene), Fayum Province, Egypt. Palaeogeography, Palaeoclimatology, Palaeoecology 40 (4): 255–309.

Bown, T.M., and J.H. Laza. 1990. A Miocene termite nest from southern Argentina and its paleoclimatological implications. Ichnos 1 (2): 73–79.

Boyer, P. 1968. Étude pédologique comparative de l'habitat et de l'environnement d'*Anacanthotermes ochraceus* (Burgmeister [sic]). Insectes Sociaux 15 (4): 395–406.

Boyer, P. 1973. Action de certains termites constructeurs sur l'évolution des sols tropicaux. Annales des Sciences Naturelles, Zoologie (12) 15 (3): 329–498.

Braekman, J.C., D. Daloze, A. Dupont, J.M. Pasteels, P. Lefeuve, D. Bordereau, J.P. Declercq, and M. Van Meerssche. 1983. Chemical composition of the frontal gland secretion from soldiers of *Nasutitermes lujae* (Termitidae, Nasutitermitinae). Tetrahedron 39: 4237–4241.

Braekman, J.C., D. Daloze, A. Dupont, J.M. Pasteels, and G. Josens. 1984. Diterpene composition of defense secretion of four West African *Trinervitermes* soldiers. Journal of Chemical Ecology 10 (9): 1363–1370.

Braekman, J.C., A. Remacle, and Y. Roisin. 1993. Soldier defensive secretion of three *Amitermes* species. Biochemical Systematics and Ecology 21 (6–7): 661–666.

Braithwaite, R.W., L. Miller, and J.T. Wood. 1988. The structure of termite communities in the Australian tropics. Australian Journal of Ecology 13: 375–391.

Brandão, D. 1991. Relações espaciais de duas espécies de *Syntermes* (Isoptera, Termitidae) nos cerrados da região de Brasília, DF, Brasil. Revista Brasileira de Entomologia 35 (4): 745–754.

Brandão, D. 1998. Patterns of termite (Isoptera) diversity in the Reserva Florestal de Linhares, state of Espírito Santo, Brazil. Revista Brasileira de Entomologia 41 (2–4): 151–153.

Brandl, R., and M. Kaib. 1995. Diversity of African termites: an evolutionary perspective. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 10 (1–6): 653–660.

Brandl, R., and M. Kaib. 1998a. Biogeography of *Schedorhinotermes* in eastern Africa: survival in forest remnants. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 76. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Brandl, R., and M. Kaib. 1998b. Distribution of *Macrotermes michaelseni* colonies in Kenya on different spatial scales. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 77. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Brandl, R., R.K.N. Bagine, and M. Kaib. 1996. The distribution of *Schedorhinotermes lamanianus* (Isoptera: Rhinotermitidae) and its termitophile *Paraclystis* (Lepidoptera: Tineidae) in Kenya: its importance for understanding east African biogeography. Global Ecology and Biogeography Letters 5 (3): 143–148.

Brandl, R., M. Hacker, R.K.N. Bagine, and M. Kaib. 2001. Geographic variation of polygyny in the termite *Macrotermes michaelseni* (Sjöstedt). Insectes Sociaux 48: 134–137.

Brandl, R., M. Hacker, R.K.N. Bagine, and M. Kaib. 2004. Yearly variation in polygyny in the termite *Macrotermes michaelseni* (Sjöstedt). Insectes Sociaux 51: 294–298.

Brandl, R., M. Hacker, J.T. Epplen, and M. Kaib. 2005. High gene flow between populations of *Macrotermes michaelseni* (Isoptera, Termitidae). Insectes Sociaux 52: 344–349.

Brandl, R., F. Hyodo, M. von Korff-Schmising, K. Maekawa, T. Miura, Y. Takematsu, T. Matsumoto, T. Abe, R. Bagine, and M. Kaib. 2007. Divergence times in the termite genus *Macrotermes* (Isoptera: Termitidae). Molecular Phylogenetics and Evolution 45: 239–250.

Brauer, F. 1865. Fünfter Bericht über die auf der Weltfahrt der Kais. Fregatte Novara gesammelten Neuropteren. Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien 15: 975–978.

Brauer, F. 1866. Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorf-Urbair: zoologischer Theil, zweiter Band, 1. Abtheilung A [Vol. 2, part 4]. Wien [Vienna]: Kaiserlich-Königliche Hof- und Staatsdruckerei in Commission bei K. Gerold's Sohn, 104 pp. + 2 pls.

Brauer, F. 1868. Verzeichniss der bis jetzt bekannten Neuropteren im Sinne Linné's. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 18: 359–416.

Brauer, F. 1885. Systematisch-zoologische Studien. Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften in Wien. Mathematisch-Naturwissenschaftliche Classe, Abteilung I 91: 237–413.

Brauer, F. 1886. Ansichten über die paläozoischen Insecten und deren Deutung. Annalen des Kaiserlich-Königlichen Naturhistorischen Museums in Wien 1: 87–126 + 2 pls.

Brauman, A., M.D. Kane, M. Labat, and J.A. Breznak. 1992. Genesis of acetate and methane by gut bacteria of nutritionally diverse termites. Science 257: 1384–1387.

Brauman, A., D.E. Bignell, and I. Tayasu. 2000. Soil-feeding termites: biology, microbial associations and digestive mechanisms. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 233–259. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Bremer, S., H. Hertel, and E. Wachmann. 1993. Degeneration of the compound eye of the termite *Neotermes jouteli* (Isoptera) in darkness during the phase of reproduction. Zoomorphology (Berlin) 113 (3): 205–210.

Brent, C.S., and J.F.A. Traniello. 2001a. Social influence of larvae on ovarian maturation in primary and secondary reproductives of the dampwood termite *Zootermopsis angusticollis.* Physiological Entomology 26: 78–85.

Brent, C.S., and J.F.A. Traniello. 2001b. Influence of sex-specific stimuli on ovarian maturation in primary and secondary reproductives of the dampwood termite *Zootermopsis angusticollis.* Physiological Entomology 26: 239–247.

Brent, C.S., and J.F.A. Traniello. 2001c. Social regulation of testicular development in primary and secondary males of the dampwood termite *Zootermopsis angusticollis* Hagen. Insectes Sociaux 48: 384–391.

Brent, C.S., and J.F.A. Traniello. 2002. Effect of enhanced dietary nitrogen on reproductive maturation of the termite *Zootermopsis angusticollis* (Isoptera: Termopsidae). Environmental Entomology 31 (2): 313–318.

Brent, C.S., C. Schal, and E.L. Vargo. 2005. Endocrine changes in maturing primary queens of *Zootermopsis angusticollis.* Journal of Insect Physiology 51: 1200–1209.

Breznak, J.A. 1975. Symbiotic relationships between termites and their intestinal microbiota. Symposia of the Society for Experimental Biology 29: 559–580.

Breznak, J.A. 1982. Intestinal microbiota of termites and other xylophagous insects. Annual Review of Microbiology 36: 323–343.

Breznak, J.A. 2000. Ecology of prokaryotic microbes in the guts of wood- and litter-feeding termites. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 209–231. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Breznak, J.A., and A. Brune. 1994. Role of microorganisms in the digestion of lignocellulose by termites. Annual Review of Entomology 39: 453–487.

Breznak, J.A., and J.M. Switzer. 1986. Acetate synthesis from $H_2$ plus $CO_2$ by termite gut microbes. Applied and Environmental Microbiology 52 (4): 623–630.

Brillhart, D.E., and D.W. Kaufman. 1990. Local distribution of termites in mixed grass prairie. Transactions of the Kansas Academy of Science 93 (3–4): 110–112.

Brito de Carvalho, J.H. 1970. Note on the presence of *Psammotermes allocerus* Silvestri in Mozambique (Isoptera, Rhinotermitidae, Psammotermitinae). Revista de Ciências Agronomicas (Série A) 3: 151–154.

Brito de Carvalho, J.H. 1972. *Cryptotermes brevis* (Walker) in Mozambique. First notice (Isoptera, Kalotermitidae). Revista de Ciências Agronomicas (Série A) 5: 49–50.

Brochu, M. 1999. Les termitières en dôme, forme modale des reliefs de bioturbation à l'echelle du monde intertropical. Cahiers Géologiques 134: 1812–1815.

Brochu, M., and A. Wakponou. 1991. Les termitières de l'extrême nord du Cameroun selon les unités morphologiques regionales. Cahiers Géologiques 118: 1261–1270.

Brodie, P.B. 1845. A history of the fossil insects in the secondary rocks of England. London: John Van Voorst, xviii + 130 pp. [*Termes? grandaevus,* p. 33, 119 + pl. 2, fig. 5]

Brodskij, A.K., and V.D. Ivanov. 1980. A structure of the wing base articulations in *Anacanthotermes ahngerianus* Jacobs. (Isoptera, Hodotermitidae) with reference to the origin of wing homonomy in termites. Entomologicheskoe Obozrenie 59 (4): 746–756. [in Russian]

Brongniart, C. 1893. Recherches pour servir à l'histoire des insectes fossiles des temps primaires, précédées d'une étude sur la nervation des ailes des insectes. Bulletin de la Société d'Industrie Minerale de Saint-Étienne (3) 7 (4): 124–615.

Brossut, R. 1973. Évolution du système glandulaire exocrine cephalique des Blattaria et des Isoptera. International Journal of Insect Morphology and Embryology 2 (1): 35–54.

Broughton, R.E. 1995. Mitochondrial DNA variation within and among species of termites in the genus *Zootermopsis* (Isoptera: Termopsidae). Annals of the Entomological Society of America 88 (2): 120–128.

Broughton, R.E., and J.K. Grace. 1994. Lack of mitochondrial DNA variation in an introduced population of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Sociobiology 24 (2): 121–126.

Broughton, R.E., and D.H. Kistner. 1991. A DNA hybridization study of the termite genus *Zootermopsis* (Isoptera: Termopsidae). Sociobiology 19 (1): 15–40.

Brouwer, S.B., and P.A. Brouwer. 1982. Geología de la region ambarifera oriental de la Republica Dominicana. Transactions of the Ninth Caribbean Geological Conference (Santo Domingo): 303–322.

Browman, L.G. 1935. The chitenous structures in the posterior abdominal segments of certain female termites. Journal of Morphology 57 (1): 113–129.

Brown, G.E. 1930. Hypermastigote flagellates from the termite *Reticulitermes, Torquenympha octoplus* gen. nov., sp. nov., and two new species of *Microjoenia.* University of California Publications in Zoölogy 36 (3): 67–80 + 2 pls.

Brown, G.E. 1931. The morphology of *Spironympha,* with a description of a new species from *Reticulitermes hesperus* Banks. Journal of Morphology and Physiology 51 (1): 291–307.

Brown, K.S., B.M. Kard, and M.P. Doss. 2004. 2002 Oklahoma termite survey (Isoptera). Journal of the Kansas Entomological Society 77 (1): 1–9.

Brown, K.S., B.M. Kard, and M.E. Payton. 2005. Comparative morphology of *Reticulitermes* species (Isoptera: Rhinotermitidae) of Oklahoma. Journal of the Kansas Entomological Society 78 (3): 277–284.

Brown, K.S., B.P. Yokum, C. Riegel, and M.K. Carroll. 2007. New parish records of *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in Louisiana. Florida Entomologist 90 (3): 570–572.

Brown, W.L., Jr. 1982. Isoptera. *In* S.P. Parker (editor), Synopsis and classification of living organisms. Vol. 2: 349–351. New York: McGraw-Hill, 1232 pp.

Brown, W.V., J.A.L. Watson, F.L. Carter, M.J. Lacey, R.A. Barrett, and C.A. McDaniel. 1990. Preliminary examination of cuticular hydrocarbons of worker termites as chemotaxonomic characters for some Australian species of *Coptotermes* (Isoptera: Rhinotermitidae). Sociobiology 16 (3): 305–328.

Brown, W.V., J.A.L. Watson, and M.J. Lacey. 1993. Cuticular hydrocarbon profiles and taxonomy of the Australian harvester termites *Drepanotermes* (Isoptera: Termitidae). *In* S.A. Corey D.J. Dall, and W.M. Milne (editors), Pest control and sustainable agriculture: 359–361. Melbourne: CSIRO, xiv + 514 pp.

Brown, W.V., J.A.L. Watson, and M.J. Lacey. 1994. The cuticular hydrocarbons of workers of three Australian *Coptotermes* species, *C. michaelseni, C. brunneus* and *C. dreghorni* (Isoptera: Rhinotermitidae). Sociobiology 24 (3): 277–291.

Brown, W.V., J.A.L. Watson, M.J. Lacey, R. Morton, and L.R. Miller. 1996a. Composition of cuticular hydrocarbons in the Australian harvester termite *Drepanotermes perniger* (Isoptera: Termitidae): variation among individuals, castes, colonies and locations. Sociobiology 27 (2): 181–197.

Brown, W.V., J.A.L. Watson, and M.J. Lacey. 1996b. A chemotaxonomic survey using cuticular hydrocarbons of some species of the Australian harvester termite genus *Drepanotermes* (Isoptera: Termitidae). Sociobiology 27 (2): 199–221.

Brown, W.V., M.J. Lacey, and M. Lenz. 2004. Further examination of cuticular hydrocarbons of worker termites of Australian *Coptotermes* (Isoptera: Rhinotermitidae) reveals greater taxonomic complexity within species. Sociobiology 44 (3): 623–658.

Brues, C.T., and A.L. Melander. 1932. Classification of insects: a key to the known families of insects and other terrestrial arthropods. Bulletin of the Museum of Comparative Zoology 73: 1–672.

Brugerolle, G., and C. Bordereau. 2006. Immunological and ultrastructural characterization of spirotrichonymphid flagellates from *Reticulitermes grassei* and *R. flavipes* (syn. *R. santonensis*), with special reference to *Spirotrichonympha, Spironympha* and *Microjoenia.* Organisms, Diversity and Evolution 6: 109–123.

Bruinsma, O., and R.H. Leuthold. 1977. Pheromones involved in the building behaviour of *Macrotermes subhyalinus* (Rambur). *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 257–258. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Brullé, G.A. 1832. Expédition scientifique de Morée. Section des sciences physiques zoologie. Deuxième section—des animaux articulés [Vol. 3, part 1]. Paris: F.G. Levrault, 400 pp.

Brun, L.O., and J. Chazeau. 1980. Catalogue des ravageurs d'intérêt agricole de Nouvelle-Calédonia. Nouméa, New Caledonia: Office de la Recherche Scientifique et Technique Outre-Mer, Centre de Nouméa, 125 pp.

Brune, A., and M. Ohkuma. 2010. Role of the termite gut microbiota in symbiotic digestion. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 439–475. Dordrecht: Springer, xiv + 576 pp.

Brune, A., D. Emerson, and J.A. Breznak. 1995a. The termite gut microflora as an oxygen sink: microelectrode determination of oxygen and pH gradients in guts of lower and higher termites. Applied and Environmental Microbiology 61 (7): 2681–2687.

Brune, A., E. Miambi, and J.A. Breznak. 1995b. Roles of oxygen and the intestinal microflora in the metabolism of lignin-derived phenylpropanoids and other monoaromatic compounds by termites. Applied and Environmental Microbiology 61: 2688–2695.

Buchli, H.[H.R.] 1950a. Recherche sur la fondation et le développement des nouvelles colonies chez le termite lucifuge (*Reticulitermes lucifugus* Ressi [sic]). Physiologia Comparata et Oecologia 2 (2): 145–160.

Buchli, H.[H.R.] 1950b. La parthénogenèse, les rapports entre sexués influence sur la ponte chez *Reticulitermes lucifugus* Rossi (Rhinotermitidae). Comptes Rendus des Séances de l'Académie des Sciences 230: 1697–1699.

Buchli, H.[H.R.] 1956a. Die neotenie bei *Reticulitermes.* Insectes Sociaux 3 (1): 131–143.
Buchli, H.[H.R.] 1956b. Le cycle de développement des castes chez *Reticulitermes.* Insectes Sociaux 3 (3): 395–401.
Buchli, H.H.R. 1958. L'origine des castes et les potentialités ontogéniques des termites Européens du genre *Reticulitermes* Holmgren. Annales des Sciences Naturelles, Zoologie (11) 20: 263–429.
Buchli, H.[H.R.] 1961. Les relations entre la colonie maternelle et les jeunes imagos ailés de *Reticulitermes lucifugus.* Vie et Milieu 12 (4): 627–632.
Buchli, H.H.R. 1966. Notes sur les parasites fongiques des isoptères. Revue d'Écologie et de Biologie du Sol 3 (4): 589–610.
Buckerfield, J.C. 1974. The termites (Isoptera) of the New Hebrides. Resumé of a talk given at a Royal Society (of London) meeting on the expedition to the New Hebrides. [unpublished]
Buckley, S.B. 1862. Description of two new species of termites from Texas. Proceedings of the Entomological Society of Philadelphia 1 (7): 212–215.
Buděšínský, M., I. Valterová, E. Semon, E. Cancello, and C. Bordereau. 2005. NMR structure determination of (11E)-trinervita-1(14),2,11-triene, a new diterpene from sexual glands of termites. Tetrahedron 61 (45): 10699–10704.
Bugnion, E. 1909. Le termite noir de Ceylan: *Eutermes monoceros* Koen [Neur.]. Annales de la Société Entomologique de France 78: 271–281 + 3 pls.
Bugnion, E. 1910a. Observations relatives à l'industrie des termites. Annales de la Société Entomologique de France 79: 129–144.
Bugnion, E. 1910b. Quelques observations sur les termites de Ceylan. Bulletin de la Société Zoologique de France 35: 103–105.
Bugnion, E. 1911. Le *Termes ceylonicus.* Revue Suisse de Zoologie 19 (15): 383–395 + 2 pls.
Bugnion, E. 1912a. Observations sur les termites. Différenciation des castes. Compte Rendu des Séances de la Société de Biologie 72: 1091–1094.
Bugnion, E. 1912b. Le bruissement des termites. Procès-Verbaux de la Société Vaudoise des Sciences Naturelles 1912: [1].
Bugnion, E. 1912c. Nouvelles observations sur le termite noir de Ceylon. (*Eutermes monoceros.*). Bulletin de la Société Entomologique Suisse 12 (4): 119–123.
Bugnion, E. 1912d. *Eutermes lacustris* nov. sp. de Ceylan. Revue Suisse de Zoologie 20 (8): 487–505 + 2 pls.
Bugnion, E. 1913a. Le *Termes horni* Wasm. de Ceylan. Revue Suisse de Zoologie 21 (10): 299–330 + 3 pls.
Bugnion, E. 1913b. Le bruissement des termites. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 12 (4): 125–139.
Bugnion, E. 1913c. Les termites de Ceylan avec quelques indications sur la distribution géographic de ces insectes. Le Globe (Genève) (Mém.) 52: 24–58 + 8 pls.
Bugnion, E. 1913d. Liste des termites indo-malais, avec l'indication du nombre des articles des antennes dans les trois castes. Bulletin de la Société Vaudoise des Sciences Naturelles (5) 49 (180): 165–172.
Bugnion, E. 1914a. L'imago de l'*Eutermes lacustris* de Ceylan. Spolia Zeylanica 9: 149–154 + 2 pls.
Bugnion, E. 1914b. *Eutermes hantanae* de Ceylan. Spolia Zeylanica 9: 155–162 + 2 pls.
Bugnion, E. 1914c. Le *Termitogeton umbilicatus* Hag. (de Ceylan) (Corrodentia, Termitidae). Annales de la Société Entomologique de France 83 (1): 39–47 + 1 pl.
Bugnion, E. 1914d. Les pièces buccales des *Eutermes* de Ceylan (Corrodentia Termitidae). Annales de la Société Entomologique de France 83: 351–364 + 1 pl.
Bugnion, E. 1914e. *Eutermes kotuae* nov. sp. de Ceylan. Bulletin de la Société Entomologique Suisse 12 (5–6): 193–200 + 2 pls.
Bugnion, E. 1914f. La biologie des termites de Ceylan. Bulletin du Muséum National d'Histoire Naturelle 20 (4): 170–204 + 8 pls.
Bugnion, E. 1933. Le termite noir de Ceylan (*Eutermes monoceros): s*ouvenirs de Seenigoda. La Terre et la Vie 3: 1–12.
Bugnion, E., and C. Ferrière. 1911a. Le termite noir de Ceylan: observations nouvelles. Bulletin de la Société Vaudoise des Sciences Naturelles 47: 417–437.
Bugnion, E., and C. Ferrière. 1911b. L'imago du *Coptotermes flavus* larves portent des rudiments d'ailes prothoraciques. Mémoires de la Société Zoologique de France 24 (1–2): 97–106 + 2 pls.
Bugnion, E., and N. Popoff. 1910a. Le termite à latex de Ceylan *Coptotermes travians* Haviland, avec un appendice comprenant la description des *Coptotermes gestroi* Wasm. et *flavus* nov. sp. Mémoires de la Société Zoologique de France 23 (8): 107–123 + 2 pls.

Bugnion, E., and N. Popoff. 1910b. Les *Calotermes* de Ceylan. Mémoires de la Société Zoologique de France 23 (9): 124–143 + 3 pls.

Bugnion, E., and N. Popoff. 1913. Anatomie de la reine et du roi-termite. (*Termes redemanni, obscuriceps,* et *horni*). Mémoires de la Société Zoologique de France 25 (3–4) [1912]: 210–232 + 2 pls.

Bugnion, E., N. Popoff, and C. Ferrière. 1911. Über *Termes ceylonicus* Wasm. Deutsche Entomologische National-Bibliothek 2 (11): 86–96.

Bühlmann, G. 1977. The development of the incipient colony and egg adoption experiments in the termite *Macrotermes subhyalinus. In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 259–261. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Bühlmann, G. 1987. Caste differentiation in incipient colonies of the termite *Macrotermes michaelseni. In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, 18–22 August, 1986: 292. Munich: J. Peperny, xxxv + 16 + 757 pp.

Bulmer, M.S., and R.H. Crozier. 2004. Duplication and diversifying selection among termite antifungal peptides. Molecular Biology and Evolution 21 (12): 2256–2264.

Bulmer, M.S., and R.H. Crozier. 2006. Variation in positive selection in termite GNBPs and relish. Molecular Biology and Evolution 23 (2): 317–326.

Bulmer, M.S., and J.F.A. Traniello. 2002a. Lack of aggression and spatial association of colony members in *Reticulitermes flavipes.* Journal of Insect Behavior 15 (1): 121–126.

Bulmer, M.S., and J.F.A. Traniello. 2002b. Foraging range expansion and colony genetic organization in the subterranean termite *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Environmental Entomology 31 (2): 293–298.

Bulmer, M.S., E.S. Adams, and J.F.A. Traniello. 2001. Variation in colony structure in the subterranean termite *Reticulitermes flavipes.* Behavioral Ecology and Sociobiology 49: 236–243.

Bunn, S.E. 1983. Termite (Isoptera) fauna of Jarrah Forest in the Wagerup-Willowdale Region, Western Australia: relevance to the rehabilitation of bauxite mine sites. Forest Ecology and Management 6: 169–177.

Burleigh, R., and P. Whalley. 1983. On the relative geological ages of amber and copal. Journal of Natural History 17 (6): 919–921.

Burmeister, H. 1829. De insectorum systemate naturali. Dissertatio inauguralis quam consensu facultatis medicae halensis et doctoris utriusque medicinae gradum rite adipiscatur die IV. Halis Saxonum [Halle an der Saale, Germany]: Grunertorum Patris Filique, 48 pp.

Burmeister, H. 1839. Termiten, weisse Ameisen. Termitina. *In* H. Burmeister, Handbuch der Entomologie. Vol. 2: 758–768. Berlin: Theod. Chr. Friedr. Enslin, xii + 1050 + 8 pp.

Burmeister, H. 1843. *Termes flavipes. In* H. Burmeister, Zoologischer Hand-Atlas zum Schulgebrauch und Selbstunterricht, mit besonderer Rücksicht auf seinen "Grundriss" und sein "Lehrbuch der Naturgeschichte": [164–165], pl. 30, figs 9–10. Berlin: Georg Reimer, [244] pp. [Vol. 1], 42 pls. [Vol. 2]. [Title page is dated 1835, with "-43" entered by hand. Catalogues indicate that the work was published in parts over the period 1835–43, but the authors have been unable to pinpoint the dates of publication of the individual fascicles. See W. Engelmann, Biblioteca historico-naturalis (Leipzig: W. Engelmann, 1846): 292; Catalogue of the books, manuscripts, maps and drawings in the British Museum (Natural History) (London: Trustees of the British Museum, 1903), Vol. 1: 289]

Burmeister, H. 1860. *Termes flavipes. In* H. Burmeister, Zoologischer Hand-Atlas zum Schulgebrauch und Selbstunterricht, mit besonderer Rücksicht auf seinen "Grundriss" und sein "Lehrbuch der Naturgeschichte," 2nd ed.: 131, pl. 30, figs. 9–10. Berlin: Georg Reimer, 42 pls. + [4] + 192 pp.

Burnham, L. 1978. Survey of social insects in the fossil record. Psyche (Cambridge) 85 (1): 85–133.

Burr, M. 1931. On the mineralization of termitaria. Entomologist's Record and Journal of Variation 43 (5): 81–83.

Burr, M., and P.S. Nazaroff. 1931. Note on the spongy ironstone of Angola. Geological Magazine (London) 68 (10): 443–446.

Buschini, M.L.T. 1999. Spatial distribution of nests of *Nasutitermes* sp. (Isoptera: Termitidae) in a Cerrado area in southeastern Brazil. Environmental Entomology 28 (4): 618–621.

Buschini, M.L.T., and A.M. [Costa-]Leonardo. 1999a. Reproductive mechanisms in a *Nasutitermes* species (Isoptera: Termitidae). Revista Brasileira de Biologia 59 (4): 609–616.

Buschini, M.L.T., and A.M. C[osta-]Leonardo. 1999b. Growth rate of the mounds of *Nasutitermes* sp. (Isoptera: Termitidae). Sociobiology 34 (3): 525–531.

Buschini, M.L.T., and A.M. C[osta-]Leonardo. 2001. Agonistic behavior of *Nasutitermes* sp. (Isoptera: Termitidae). Sociobiology 38 (3A): 399–406.

Buschini, M.L.T., and A.M. Costa[-]Leonardo. 2002. Biometric studies of caste development in *Nasutitermes coxipoensis* (Isoptera; Termitidae). Sociobiology 40 (2): 465–477.

Büttiker, W. 1983. Introduction. Fauna of Saudi Arabia 5: 3–9.

Büttiker, W. 1986. Zoological survey in Saudi Arabia 1983–1985. Fauna of Saudi Arabia 7 [1985]: 5–13.

Cabrera, B.J., and S.T. Kamble. 2001. Effects of decreasing thermophotoperiod on the eastern subterranean termite (Isoptera: Rhinotermitidae). Environmental Entomology 30 (2): 166–171.

Cabrera, B.J., and M.K. Rust. 1999. Caste differences in feeding and trophallaxis in the western drywood termite, *Incisitermes minor* (Hagen) (Isoptera, Kalotermitidae). Insectes Sociaux 46 (3): 244–249.

Cabrera, P., and [M.]A. Camousseight. 1997. La presencia de *Reticulitermes hesperus* Banks (Isoptera, Rhinotermitidae) en Chile. 19th congreso nacional de entomología, La Serena, Chile, 19 al 21 de Noviembre de 1997, 107 pp.

Cachan, P. 1949. Les termites de Madagascar. Mémoires de l'Institut Scientifique de Madagascar (A) 3 (2): 177–275.

Cachan, P. 1950a. Les termites de Madagascar. Naturaliste Malgache (Tananarive) 2: 111–117 + 2 pls.

Cachan, P. 1950b. Les termites de Madagascar et leurs dégâts. Tananarive-Tsimbazaza, Madagascar: Institut de Recherche Scientifique, 29 pp.

Cachan, P. 1951. Les termites de Madagascar. Premier supplément. Mémoires de l'Institut Scientifique de Madagascar (A) 5 (1): 1–18.

Cai, H.-Z., and M. Lin. 1995. Isoptera. *In* H. Wu (editor), Insects of Baishanzu Mountain, eastern China: 56–57. Beijing: China Forestry Publishing House, [20] + 586 pp. [in Chinese, with English summary]

Calaby, J.H. 1956a. Additions to the termite fauna of western and south Australia. Western Australian Naturalist 5 (4): 89–92.

Calaby, J.H. 1956b. The distribution and biology of the genus *Ahamitermes* (Isoptera). Australian Journal of Zoology 4 (2): 111–124 + 1 pl.

Calaby, J.H. 1960. Observations on the banded ant-eater *Myrmecobius f. fasciatus* Waterhouse (Marsupialia), with particular reference to its food habits. Proceedings of the Zoological Society of London 135 (2): 183–207 + 1 pl.

Calaby, J.H., and F.J. Gay. 1956. The distribution and biology of the genus *Coptotermes* (Isoptera) in Western Australia. Australian Journal of Zoology 4 (1): 19–39 + 2 pls.

Calaby, J.H., and F.J. Gay. 1959. Aspects of the distribution and ecology of Australian termites. *In* A. Keast, R.L. Crocker, and C.S. Christian (editors), Biogeography and ecology in Australia. Series Monographiae Biologicae 8: 211–223. The Hague: Junk, 640 pp.

Calleri II, D.V., R.B. Rosengaus, and J.F.A. Traniello. 2005. Disease and colony foundation in the dampwood termite *Zootermopsis angusticollis*: the survival advantage of nestmate pairs. Naturwissenschaften 92: 300–304.

Calleri II, D.V., R.B. Rosengaus, and J.F.A. Traniello. 2006. Disease and colony establishment in the dampwood termite *Zootermopsis angusticollis*: survival and fitness consequences of infection in primary reproductives. Insectes Sociaux 53: 204–211.

Cals-Usciati, J., and J. Frescheville. 1963. Pérennité d'une colonie de termites à Paris. Cahiers des Naturalistes (n.s.) 19 (2): 54.

Camargo-Dietrich, C.R.R., de, and A.M. Costa-Leonardo. 2003. População e território de forrageamento de uma colônia de *Heterotermes tenuis* (Hagen) (Isoptera, Rhinotermitidae). Revista Brasileira de Zoologia 20 (3): 397–399.

Cameron, S.L., and M.F. Whiting. 2007. Mitochondrial genomic comparisons of the subterranean termites from the genus *Reticulitermes* (Insecta: Isoptera: Rhinotermitidae). Genome 50 (2): 188–202.

Camousseight, M.A. 1980. Catálogo de los tipos de insecta depositados en la colección de Museo Nacional de Historia Natural (Santiago, Chile). Museo Nacional de Historia Natural (Santiago) Publicación Ocasional 32: 3–45.

Camousseight, [M.]A. 1999. Los termitas y su presencia en Chile. Corporación Nacional Forestal, Nota Técnica 19 (37).

Camousseight, [M.]A., and V. Alehandro. 2005. Acerca de la validez de las subespecies de *Neotermes* (Isoptera: Kalotermitidae) descritas de Chile. Bosque 26 (2): 39–45.

Campbell, A.S. 1922. Biology notes. Lingnaam Agricultural Review 1 (1): 82–85.

Campbell, N.A., and J.A.L. Watson. 1975. A multivariate study of mandibular characters in fifth instar workers and nymphs of *Drepanotermes perniger* (Froggatt) (Isoptera: Termitinae). Insectes Sociaux 22 (3): 293–306.

Campora, C.E., and J.K. Grace. 2004. Effect of average worker size on tunneling behavior of Formosan subterranean termite colonies. Journal of Insect Behavior 17 (6): 777–791.

Campos, L., and L.E. Peña. 1973. Los insectos de Isla de Pascua. Revista Chilena de Entomología 7: 217–229.

Cancello, E.M. 1986. Revisão de *Procornitermes* Emerson (Isoptera, Termitidae, Nasutitermitinae). Papéis Avulsos de Zoologia (São Paulo) 36 (19): 189–235.

Cancello, E.M. 1987a. Observation on *Cyranotermes* Araujo, with a description of *C. caete,* new species (Isoptera, Termitidae, Nasutitermitinae). Papéis Avulsos de Zoologia (São Paulo) 36 (21): 251–255.

Cancello, E.M. 1987b. Systematic revision of *Procornitermes* Emerson (Isoptera: Termitidae, Nasutitermitinae). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, Munich, 18–22 August 1986: 55. Munich: J. Peperny, xxxv + 16 + 757 pp.

Cancello, E.M. 1989. Revisão de *Cornitermes* Wasmann (Isoptera, Termitidae, Nasutitermitinae). Ph.D. dissertation, Instituto de Biociências, Universidade de São Paulo, Brazil, [5] + iv + 151 + [26] pp. + 34 pls.

Cancello, E.M. 1991. Two different mounds of *Cornitermes bequaerti* (Termitidae, Nasutitermitinae): an example of the plasticity in termite nest architecture in the Neotropics. Revista Brasileira de Entomologia 35 (3): 603–606.

Cancello, E. M. 1997. *Rhynchotermes guarany,* new species and *Rhynchotermes piauy,* new species (Isoptera, Termitidae, Nasutitermitinae) from Brazil. Papéis Avulsos de Zoologia (São Paulo) 40 (9): 147–159.

Cancello, E.M., and A.G. Bandeira. 1992. *Macuxitermes triceratops* (Isoptera; Termitidae; Nasutitermitinae), a new genus and species from island of Maracá, Roraima. Papéis Avulsos de Zoologia (São Paulo) 38 (1): 1–8.

Cancello, E.M., and C. Cuezzo. 2007. A new species of *Ereymatermes* Constantino (Isoptera, Termitidae, Nasutitermitinae) from the northeastern Atlantic Forest, Brazil. Papéis Avulsos de Zoologia (São Paulo) 47 (23): 283–288.

Cancello, E.M., and O. DeSouza. 1998. A reappraisal of *Glossotermes* Emerson status based on the morphology of all castes with transfer from Rhinotermitidae to Serritermitidae. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 95. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Cancello, E.M., and O. DeSouza. 2005. A new species of *Glossotermes* (Isoptera): reappraisal of the generic status with transfer from the Rhinotermitidae to the Serritermitidae. Sociobiology 45 (2): 31–51.

Cancello, E.M., and T.G. Myles. 2000. *Noirotitermes noiroti* (Isoptera, Termitidae, Nasutitermitinae): a new genus and new species from northeastern Brazil. Sociobiology 30 (3): 531–546.

Cancello, E.M., and C. Noirot. 2003. *Paraconvexitermes acangapua* (Isoptera: Termitidae, Nasutitermitinae), a new genus and new species of the so-called "small Neotropical soil-feeding nasutes" from South America. Annales de la Société Entomologique de France (n.s.) 39 (2): 187–193.

Cancello, E.M., and T. Schlemmermeyer. 1998. The first Rhinotermitinae (Rhinotermitidae) from Dominican amber. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 96. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Cancello, E.M., D. Brandão, and S.T.P. Amarante. 1996. Two new *Angularitermes* species (Isoptera, Termitidae, Nasutitermitinae) from Brazil with a discussion of the cephalic microsculpture of the soldier. Sociobiology 27 (3): 277–286.

Canter, H.M. 1968. Uma nova espécie de *Armitermes* Wasmann, 1897 (Isoptera, Termitidae, Nasutitermitinae). Papéis Avulsos de Zoologia (São Paulo) 21 (24): 243–245.

Capra, F. 1935. La vera patria del *Trinervitermes tripolitanus* (Sjöst.) e note su alcuni termiti della Libia (Isoptera). Bollettino della Società Entomologica Italiana 67 (3): 44–46.

Capra, F. 1938. Sulla presenza in Libia di *Trinervitermes tripolitanus* (Sjöst.) e *trinervius* (Ramb.) (Isoptera). Bollettino della Società Entomologica Italiana 70 (6–7): 125.

Capra, F. 1948. Sul *Reticulitermes lucifugus* (Rossi) in Italia. Memorie della Società Entomologica Italiana 27: 77–79.

Carpenter, F.M. 1992. Treatise on invertebrate paleontology, Part R, Arthropoda 4. Vol. 3. Boulder, CO: Geological Society of America, xxi + 277 pp.

Carpenter, F.M., and H.R. Hermann. 1979. Antiquity of social insects. *In* H.R. Hermann (editor), Social insects. Vol. 1: 81–89. New York: Academic Press, xv + 437 pp.

Carr, R.V. 1972. The tergal gland and courtship behavior in the termites *Pterotermes occidentalis, Marginitermes hubbardi* and *Paraneotermes simplicicornis* (Isoptera: Kalotermitidae). Ph.D. dissertation, University of Arizona, Tucson, 108 pp.

Carrijo, T.F., and E.M. Cancello. 2011. *Divinotermes* (Isoptera, Termitidae, Termitinae), a new genus from South America. Sociobiology 58 (3): 537–556.

Carrijo, T.F., M.M. Rocha, C. Cuezzo, and E.M. Cancello. 2011. Key to the soldiers of *Angularitermes* Emerson with a new species from Brazilian Amazonia (Isoptera: Termitidae: Nasutitermitinae). Zootaxa 2967: 61–68.

Carvalho, J.P., de. 1971. Introduçao à entomologia florestal de Angola. Nova Lisboa, Angola: Universidade de Luanda and Istituto de Investigaçao Agronomica de Angola, xi + 314 pp.

Carvalho, S.H.C., and R. Constantino. 2011. Taxonomic revision of the Neotropical termite genus *Curvitermes* Holmgren (Isoptera: Termitidae: Syntermitinae). Sociobiology 57 (3): 643–657.

Casarin, F.E., A. Arab, and A.M. Costa-Leonardo. 2003. Influence of the labial gland's semiochemicals on the feeding behavior of *Coptotermes havilandi* (Isoptera: Rhinotermitidae). Sociobiology 42 (2): 485–493.

Castle, G.B. 1934. The damp-wood termites of western United States, genus *Zootermopsis* (formerly *Termopsis*). *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 273–310. Berkeley: University of California Press, xxvii + 795 pp.

Castle, G.B. 1944. Termites in Montana. Northwest Science 18 (3): 64.

Cesselin, F., S. Konate, K. Merdaci, and M. Lepage. 1998. Comparaison des strategies de recolté chez deux espèces de termites champignonnistes, *Ancistrotermes cavithorax* et *Odontotermes* sp. Actes des Colloques Insectes Sociaux 11: 1–8.

Chambers, D.M., P.A. Zungoli, and H.S. Hill. 1988. Distribution and habitats of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in South Carolina. Journal of Economic Entomology 81 (6): 1611–1619.

Chandra, K., and P.T. Rajan. 2004. Order Isoptera (termites). *In* L. Chandra and P.T. Rajan. Faunal diversity of Mount Harriet National Park (South Andaman). Conservation area series 17: 24–26. Kolkata [Calcutta]: Zoological Survey of India, 142 pp. + 53 figs.

Chang, L., E.-L. Hsu, and W.-J. Wu. 2001. Study on the phototaxis of alates of *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae). Formosan Entomologist 21: 353–363.

Chang, L., W.-J. Wu, and E.-L. Hsu. 2004. Study of the photosensitivity of the compound eyes of *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae) alates. Formosan Entomologist 24: 129–136. [in Chinese, with English title, abstract, and figure legends]

Chang, L., E.-L. Hsu, and W.-J. Wu. 2005. The ultrastructure of compound eye of Formosan subterranean termite, *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Collection and Research 18: 1–6.

Chapela, I.H., S.A. Rehner, T.R. Schultz, and U.G. Mueller. 1994. Evolutionary history of the symbiosis between fungus-growing ants and their fungi. Science 266: 1691–1694.

Chappell, D.J., and M. Slaytor. 1992. Purine metabolism in *Nasutitermes walkeri*: urate synthesis and salvage pathways. Proceedings 19th International Congress of Entomology, Beijing 1992: 597. [abstract]

Chararas, C., and C. Noirot. 1988. Les osidases du termite *Nasutitermes lujae* (Termitidae). Bulletin de la Société Zoologique de France 113 (2): 175–180.

Charpentier, T., von. 1843. Über einige fossile Insecten aus Radoboj in Croatien. Novorum Actorum Academiae Caesarae Leopoldino-Carolinae Naturae Curiosum 20: 399–410 + 3 pls.

Chatterjee, P.N., and P.K. Sen-Sarma. 1962. *Odontotermes paralatigula,* a new species of termite from Burma (Isoptera: Termitidae: Macrotermitinae). Journal of the Bombay Natural History Society 59 (3): 822–826 + 2 pls.

Chatterjee, P.N., and M.L. Thakur. 1963a. Biology and ecology of Oriental termites (Isoptera). Some observations on *Sarvaritermes faveolus* Chatterjee and Thakur (Isoptera: Stylotermitidae). Indian Forester 89 (9): 635–637 + 1 pl.

Chatterjee, P.N., and M.L. Thakur. 1963b. Revision of the termite genus *Hypotermes* Holmg. (Isoptera: Termitidae: Macrotermitinae) from the Indo-Malayan region. Indian Forest Records (n.s.), Entomology 10 (9): 169–203.

Chatterjee, P.N., and M.L. Thakur. 1964a. *Sarvaritermes faveolus* gen. et sp. nov. from Kulu Valley (Punjab: India) [Isoptera], with a discussion on the systematic position and relationship of the family Stylotermitidae. Zoologischer Anzeiger 173 (3): 149–162.

Chatterjee, P.N., and M.L. Thakur. 1964b. A new species of *Angulitermes* from North India (Isoptera: Termitidae: Termitinae). Journal of the Bombay Natural History Society 61 (2): 346–353.

Chatterjee, P.N., and M.L. Thakur. 1964c. Contributions to the knowledge of the systematics of Himalayan (north-western) termite fauna.—II. Description of *Microcerotermes rambanensis* sp. nov. (Isoptera. Termitidae: Amitermitinae) from Kashmir. Bulletin of Entomology (Madras) 5: 1–6.

Chatterjee, P.N., and M.L. Thakur. 1964d. Revision of the termite genus *Microtermes* Wasmann (Isoptera: Termitidae: Macrotermitinae) from the Indian region. Indian Forest Records (n.s.), Entomology 10 (11): 219–260.

Chatterjee, P.N., and M.L. Thakur. 1964e. Redescription of *Odontotermes gurdaspurensis* Holmg. and Holmg. (Isoptara [sic]: Termitadee [sic]: Macrotermitinae). Bulletin of Entomology (Madras) 5: 7–16.

Chatterjee, P.N., and M.L. Thakur. 1965a. A new termite, *Trinervitermes fletcheri* (Isoptera: Termitidae) from India. Bulletin of Systematic Zoology (Calcutta) 1 (1): 11–18.

Chatterjee, P.N., and M.L. Thakur. 1965b. *Doonitermes capillosus* gen. et sp. nov. from Doon Valley (Uttar Pradesh, India) (Isoptera: Termitidae: Amitermitinae). Science and Culture 31 (12): 646–647.

Chatterjee, P.N., and M.L. Thakur. 1966a. Biology and ecology of Oriental termites (Isoptera). Observations on the habits and biology of some termites of the Doon Valley. Indian Forester 92 (2): 139–142 + 4 pls.

Chatterjee, P.N., and M.L. Thakur. 1966b. *Doonitermes capillosus* gen. et sp. nov. from Doon Valley (Uttar Pradesh, India) (Isoptera: Termitidae: Amitermitinae). Zoologischer Anzeiger 176 (5): 349–357.

Chatterjee, P.N., and M.L. Thakur. 1966c. Description of the hitherto unknown imago caste of *Euhamitermes lighti* Snyder with descriptions of other castes. Indian Forest Bulletin (n.s.). Entomology 256: 1–11.

Chatterjee, P.N., and M.L. Thakur. 1967. Contributions to the knowledge of systematics of north-western Himalayan termite fauna (Isoptera: Insecta). III. Systematic account of the survey. Indian Forest Records (n.s.), Entomology 11 (1): 1–57 + 6 pls.

Chatterjee, P.N., and M.L. Thakur. 1968a. Biology and ecology of Oriental termites (Isoptera). Some observations on *Neotermes assmuthi* (Holmgren) [Isoptera: Kalotermitidae]. Indian Forester 94 (5): 401–402 + 1 pl.

Chatterjee, P.N., and M.L. Thakur. 1968b. On a collection of termites from Daman. Indian Forester 94 (7): 560–570.

Chatterjee, P.N., and M.L. Thakur. 1969. A new species of *Nasutitermes* (Isoptera: Termitidae: Nasutitermitinae) from Doon Valley, India. Bulletin of Systematic Zoology (Calcutta) 1 (2): 57–65.

Chatterjee, P.N., and R.S. Thapa. 1963. A new genus *Beesonitermes* from India (Isoptera: Termitidae: Amitermitinae). Journal of the Timber Dryers' and Preservers' Association of India, Dehra Dun 9 (2): 20–26.

Chatterjee, P.N., and R.S. Thapa. 1964a. *Speculitermes chadaensis* sp. n. from India (Isoptera: Termitidae: Amitermitinae). Indian Forester 90 (8): 514–516.

Chatterjee, P.N., and R.S. Thapa. 1964b. A new species of the genus *Grallatotermes* from India (Isoptera: Termitidae: Nasutitermitinae). Indian Forester 90 (4): 210–214.

Chaudhry, G.U. 1954. A useful termite. Pakistan Journal of Forestry 4 (1): 31–32 + 2 pls.

Chaudhry, G.U. 1955. Notes on a collection of termites from Pakistan. Pakistan Journal of Forestry 5 (1): 40–43.

Chaudhry, M.I., and M. Ahmad. 1969. Termites of Pakistan (identity, distribution and ecological relationships). Peshawar, Pakistan: Pakistan Forest Institute, 32 pp.

Chaudhry, M.I., and M. Ahmad. 1970. Termites of Pakistan: identity, distribution and ecological relationships. Annual Technical Report, August 1969–July 1970. Peshawar, Pakistan: Pakistan Forest Institute, 28 pp.

Chaudhry, M.I., M. Ahmad, N.K. Malik, M.S. Akhtar, and M. Arshad. 1972. Termites of Pakistan: identity, distribution and ecological relationships [final technical report]. Peshawar, Pakistan: Pakistan Forest Institute, xiv + 70 + 3 pp. + 3 pls.

Cheema, P.S., S.R. Das, H.M. Dayal, T. Koshi, K.L. Maheshwari, S.S. Nigam, and S.K. Ranganathan. 1962. Temperature and humidity in the fungus garden of the mound-building termite *Odontotermes obesus* (Rambur). *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 145–149. Paris: UNESCO, 259 pp.

Chen, B.-Y., Z.-N. Zhang, and Z. Chen. 1988. The relation between body size of the queen and colony development in termite *Odontotermes fontanellus* Kemner. Acta Entomologica Sinica 31 (1): 26–31. [in Chinese, with English summary]

Chen, B.-Y., R.-Q. Yang, and S.-Y. Shao. 1992. Correlation among ovariole number, nest size and caste number in *Odontotermes fontanellus* Kemners [sic]. Acta Entomologica Sinica 35 (4): 438–442. [in Chinese, with English title, abstract, and reference list]

Chen, B.-Y., B.-Z. Chen, and X.-H. Wang. 1997. Survey on termites in Chaohu Region and study on their distr[i]butive character. Science and Technology of Termites 14 (1): 7–12. [in Chinese, with English summary]

Chen, B.-Y., J.-X. Tu, C.-H. Xu, M.-P. Ding, and R.-G. Wang. 1999. The termite fauna in Qianshan County, southside of the Dabie Mountain. Science and Technology of Termites 16 (1): 9–14. [in Chinese, with English summary]

Chen, H., G. Henderson, and R.A. Laine. 1999. Lignoceric acid and hexacosanoic acid: major components of soldier frontal gland secretions of the Formosan subterranean termite (*Coptotermes formosanus*). Journal of Chemical Ecology 25 (4): 817–824.

Chen, L.-F., and X.-G. Yu. 1996. Termite interception and quarantine at Tianjin Port. Plant Quarantine 10 (1): 219–221. [in Chinese]

Chen, M., and Z.-M. Ping. 1983. A new species of the genus *Stylotermes* from Chongqing. Entomotaxonomia 5 (1): 63–65. [in Chinese, with English summary]

Chen, M., and J.-M. Chen. 1984. A new species of the genus *Stylotermes* (Isoptera: Rhinotermitidae). Entomotaxonomia 6 (4): 291–293. [in Chinese, with English summary]

Chen, M., and Z.-M. Ping. 1984. Two new species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae) from Sichuan Province, China. Sichuan Dongwu (Sichuan Journal of Zoology) 3 (4): 1–4. [in Chinese, with English summary]

Chen, M.-Y. 1996. Termites in lumber coming from Malaysia into Ning-Bo. Plant Quarantine 10 (5): 291–293. [in Chinese]

Chen, N.-S. 1959. The present status of biological studies and control of termites. Opera Entomologica (Beijing): 1–17. Beijing: Scientific Society Publications, ii + 391 pp. [in Chinese, with Latin nomenclature]

Chen, Z., and Y. Xu. 1992. Preliminary investigations on species and distribution of termites in Huangshan Mountain. Entomological Journal of East China 1 (2): 10–12. [in Chinese, with English title and abstract]

Cheo, C.-C. 1948. Notes on fungus-growing termites in Yunnan, China. Lloydia 11: 139–147.

Cherian, M.C., and V. Margabandhu. 1944. On a new species of *Cryptotermes* from South India. Proceedings of the thirty-first Indian Science Congress, Delhi, 1944 3: 80–81.

Chey, V.-K. 1989. A survey of termites in Sabah forests. Sandakan, Sabah: Forest Research Centre (Publication No. 1/89), ii + 144 pp.

Chey, V.-K. 1996. Forest pest insects in Sabah. Sabah Forest Record 15: vii + 111.

Chhotani, O.B. 1959. Biological observations on the termite *Kalotermes beesoni* Gardner. 1st All India Congress of Zoology (Jabalpur, Oct. 1959), Calcutta (abstracts) 1959: 43–44.

Chhotani, O.B. 1962a. Further observations on the biology and parthenogenesis in the termite *Kalotermes beesoni* (Kalotermitidae). *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 73–75. Paris: UNESCO, 259 pp.

Chhotani, O.B. 1962b. Biological observations on the termite *Kalotermes beesoni* Gardner. Proceedings of the All-India Congress of Zoology 1959 (2): 476–478 + 1 pl.

Chhotani, O.B. 1963. The termite *Cryptotermes havilandi* (Sjöstedt) from the interior of India. Journal of the Bombay Natural History Society 60 (1): 287–288 + 1 pl.

Chhotani, O.B. 1970. Taxonomy, zoogeography and phylogeny of the genus *Cryptotermes* (Isoptera: Kalotermitidae) from the Oriental region. Memoirs of the Zoological Survey of India 15 (1): i + 1–81.

Chhotani, O.B. 1971. The imago of termite *Nasutitermes indicola* (Holmgren and Holmgren) (Isoptera: Termitidate [sic]) and the nesting habits of the species. Records of the Zoological Survey of India 63 (1–4) [1965]: 223–229 + 3 pls.

Chhotani, O.B. 1972. Problems of taxonomy of the Indian termites. *In* M.L. Roonwal (editor), Termite problems in India: 22–27. New Delhi: Council of Scientific and Industrial Research, viii + 81 pp.

Chhotani, O.B. 1975a. A new species of *Euhamitermes* and the imago of *Nasutitermes garoensis* from Arunachal Pradesh (Isoptera: Termitidae). Oriental Insects 9 (2): 149–155.

Chhotani, O.B. 1975b. Kalotermitidae of the Oriental region, its distribution and zoogeography. Zoologischer Anzeiger 194 (1–2): 111–124.

Chhotani, O.B. 1975c. Revision of the genus *Glyptotermes* Froggatt (Kalotermitidae, Isoptera, Insecta) from the Indian region. Records of the Zoological Survey of India 68 (1–4) [1970]: 109–159.

Chhotani, O.B. 1976a. Report on a collection of termites from Tripura, eastern India. Newsletter, Zoological Survey of India 2 (1): 12–13.

Chhotani, O.B. 1976b. On the occurrence of the termite *Cryptotermes dudleyi* Banks in the interior on the mainland. Newsletter, Zoological Survey of India 2 (5): 211–212.

Chhotani, O.B. 1977a. A review of taxonomy of Indian termites. Records of the Zoological Survey of India, Miscellaneous Publication, Occasional Papers 9: 1–36.

Chhotani, O.B. 1977b. Termites of Kanha National Park (Madya Pradesh), India. Records of the Zoological Survey of India 72: 367–388 + 5 pls.

Chhotani, O.B. 1977c. Distribution and zoogeography of the Oriental termites of families Termopsidae, Hodotermitidae, Stylotermitidae and Rhinotermitidae. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 116–117. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Chhotani, O.B. 1980. Termite pests of agriculture in the Indian region and their control. Technical monograph no. 4. Calcutta: Zoological Survey of India, 94 pp. + 7 pls.

Chhotani, O.B. 1981a. Soil termites of India. *In* G.K. Veeresh (editor), Progress in soil biology and ecology in India: 229–236. Bangalore, India: University of Agricultural Science, ix + 351 pp.

Chhotani, O.B. 1981b. Morphometric analyses of populations from four different types of mounds of the Indian termite *Odontotermes obesus* (Rambur). *In* P.E. Howse and J.-L. Clément (eds), Biosystematics of social insects: 147–161. New York: Academic Press, [14] + 346 pp.

Chhotani, O.B. 1984. A review of the Rhinotermitidae and Stylotermitidae (Isoptera) from the Oriental region. Oriental Insects 17 [1983]: 109–125.

Chhotani, O.B. 1985. Distribution and zoogeography of the Oriental termites of families Termopsidae, Hodotermitidae, Stylotermitidae and Rhinotermitidae. Zeitschrift für Angewandte Entomologie 100 (1): 88–95.

Chhotani, O.B. 1986. Affinities of Indian north-eastern borderland termites with those from other parts of the Oriental region. Records of the Zoological Survey of India 83 (3–4): 19–29.

Chhotani, O.B. 1987. Distribution and zoogeography of Oriental Termitidae (Isoptera). Beiträge zur Entomologie (Berlin) 37 (2): 407–420.

Chhotani, O.B. 1988. Termites of Oman. *In* R.W. Dutton (editor), The scientific results of the Royal Geographical Society's Oman Wahiba Sands Project 1985–1987: 363–371. Journal of Oman Studies (Special Report) 3: xx + 576 pp.

Chhotani, O.B. 1993. On the species *Capritermes fletcheri* Holmgren and Holmgren and *Eutermes incola* Wasmann (Isoptera: Termitidae: Termitinae): their status, descriptions, etc. Records of the Zoological Survey of India 92 (1–4) [1992]: 293–310.

Chhotani, O.B. 1995. Insecta: Isoptera. *In* R.K. Ghosh (editor), Fauna of Kanha Tiger Reserve Madhya Pradesh (Fauna of Conservation Areas 7): 9–14. Calcutta: Zoological Survey of India, [6] + 117 pp.

Chhotani, O.B. 1997. The fauna of India and the adjacent countries. Isoptera (Termites): (family Termitidae). Vol. 2. Calcutta: Zoological Survey of India, xx + 800 pp.

Chhotani, O.B., and G. Bose. 1973. Distribution of termites in relation to the ecology of the Indian region. Zoologischer Anzeiger 190 (3–4): 231–236.

Chhotani, O.B., and G. Bose. 1977. Alfred E. Emerson—a benefactor of the Zoological Survey of India. Newsletter, Zoological Survey of India 3 (2): 92–93.

Chhotani, O.B., and G. Bose. 1979a. Insects of Saudi Arabia. Isoptera. Fauna of Saudi Arabia 1: 75–83.

Chhotani, O.B., and G. Bose. 1979b. Nesting behaviour and nests of Indian termites. Zoologiana 2: 16–28.

Chhotani, O.B., and G. Bose. 1982. Insects of Saudi Arabia. Isoptera (Part 2). Fauna of Saudi Arabia 4: 73–83.

Chhotani, O.B., and G. Bose. 1983. Insects of Saudi Arabia. Isoptera (Part 3). Distribution of Isoptera in Arabia and their affinities with the termites from the Indian desert and neighbouring countries. Fauna of Saudi Arabia 5: 121–128.

Chhotani, O.B., and G. Bose. 1985. Fauna of Namdapha: Arunachal Pradesh 'A Proposed Biosphere Reserve.' Insecta: Isoptera. Records of the Zoological Survey of India 82 (1–4): 53–60.

Chhotani, O.B., and G. Bose. 1986. Isoptera of Saudi Arabia (Part 4). Fauna of Saudi Arabia 7 [1985]: 122–124.

Chhotani, O.B., and G. Bose. 1987. Taxonomic remarks on the Indomalayan *Microtermes* Wasmann (Isoptera: Termitidae: Macrotermitinae). Bulletin of the Zoological Survey of India 8 (1–3): 61–65.

Chhotani, O.B., and G. Bose. 1991. Isoptera from Saudi Arabia and Kuwait, with a key to Arabian species. Fauna of Saudi Arabia 12: 256–265.

Chhotani, O.B., and B.C. Das. 1979. Variability in size and morphometric analysis of the soldier caste in *Heterotermes indicola* (Wasmann) (Rhinotermitidae: Heterotermitinae). Zoological Survey of India, Special Publications, Proceedings of Symposia 1: 47–52.

Chhotani, O.B., and B.C. Das. 1983. A review of the Indian species of the genus *Reticulitermes* Holmgren (Isoptera: Rhinotermitidae). Records of the Zoological Survey of India 80 (3–4): 315–329.

Chhotani, O.B., and B. Ferry. 1995. New termites (Isoptera: Termitidae) from southern India. Annals of Entomology (Dehra Dun) 13 (1): 21–24.

Child, H.J. 1934. The internal anatomy of termites and the histology of the digestive tract. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 58–88. Berkeley: University of California Press, xxvii + [1] + 795 pp.

Chilson, L.M. 1960. New insect records from Molokai. Proceedings of the Hawaiian Entomological Society 17 (2): 171.

Chimkod, V.B. 1993. Swarming behaviour and environmental hazards to the reproductives of the termites, *Odontotermes obesus, Odontotermes brunneus,* and *Odontotermes wallonensis.* Journal of Nature Conservation 5 (1): 1–8.

China Institute of Entomology. 1980. *Chinese termites.* Beijing: Scientific Publishing Company, 56 + xxxii pp. [in Chinese]

Chinery, M. 1979. Ordnung Isoptera: Termiten. *In* I. Jung and D. Jung (eds), Insekten mitteleuropas: ein Taschenbuch für Zoologen und Naturfreunde, 2nd ed.: 120–123. Hamburg: Parey, 389 pp.

Chu, H.-H., T.-D. Tai, T.-F. Chen, and M.-W. King. 1974. Induction of soldier differentiation in the termite, *Reticulitermes flaviceps* Oshima with juvenile hormone analogues. Acta Entomologica Sinica 17 (2): 161–165. [in Chinese, with English summary]

Chuah, C.-H. 2005. Interspecific variation in defense secretions of Malaysian termites from the genus *Bulbitermes.* Journal of Chemical Ecology 31 (4): 819–827.

Chuah, C.-H. 2007. Intraspecific variation in soldier defense secretions of *Longipeditermes longipes* (Isoptera, Nasutitermitinae). Biochemical Systematics and Ecology 35: 600–605.

Chuah, C.[-]H., and S.[-]H. Goh. 1990. 17-*O*-acetoxy-(8,19) β-epoxy-2β,3α,7α,9α,14α,17-hexahydroxytrinervitene 2,3,9,14-*O*-tetrapropionate, a new diterpene from the Malaysian termite *Hospitalitermes umbrinus.* Malaysian Journal of Science 12: 63–70.

Chuah, C.-H., S.-H. Goh, G.D. Prestwich, and Y.-P. Tho. 1983. Soldier defense secretions of the Malaysian termite, *Hospitalitermes umbrinus* (Isoptera, Nasutitermitinae). Journal of Chemical Ecology 9 (3): 347–356.

Chuah, C.-H., S.-H. Goh, and Y.-P. Tho. 1986. Soldier defense secretions of the genus *Hospitalitermes* in peninsular Malaysia. Journal of Chemical Ecology 12 (3): 701–712.

Chuah, C.-H., S.-H. Goh, J.C. Beloeil, and N. Morellet. 1987. (8,19)β-epoxy-2β,3α,7α,9α,14α,17-hexahydroxytrinervitene 2,3,9,14,17-*O*-pentapropionate, a highly oxygenated diterpene from the defense secretion of the termite *Hospitalitermes umbrinus.* Malaysian Journal of Science 9: 83–90.

Chuah, C.-H., S.H. Goh, and Y.-P. Tho. 1989. Interspecific variation in defense secretions of Malaysian termites from the genus *Nasutitermes* (Isoptera, Nasutitermitinae). Journal of Chemical Ecology 15 (2): 549–563.

Chuah, C.-H., S.-H. Goh, and Y.-P. Tho. 1990. Chemical defense secretions of some species of Malaysian Rhinotermitidae (Isoptera, Rhinotermitidae). Journal of Chemical Ecology 16 (3): 685–692.

Chuah, C.-H., S.-H. Goh, and J.W. Blunt. 1991. Intra- and interspecific variations in the defence secretions of the Malaysian termite *Hospitalitermes* (Isoptera: Nasutitermitinae). Biochemical Systematics and Ecology 19 (1): 35–46.

Chung, C.-H., and C.-S. Chen. 1994. A review of Taiwanese termites (Insecta, Isoptera) with keys to adults and soldiers. Yushania 11: 193–203. [in Chinese, with English summary]

Clagg, C.F. 1958. Termites from western Pacific islands. Proceedings of the Hawaiian Entomological Society 16 (3): 338–339.

Clagg, C.F. 1965a. Damage by *Coptotermes formosanus* Shiraki. Proceedings of the Hawaiian Entomological Society 19 (1): 3.

Clagg, C.F. 1965b. Subterranean termite on Guam. Proceedings of the Hawaiian Entomological Society 19 (1): 15.

Clagg, C.F., and C.B. Keck. 1960. *Coptotermes formosanus* Shiraki. Proceedings of the Hawaiian Entomological Society 17 (2): 162.

Clark, A.F. 1938. Termites in New Zealand. New Zealand Journal of Forestry 14 (3): 177–179.

Clark, J.W., S. Hossain, C.A. Burnside, and S. Kambhampati. 2001. Coevolution between a cockroach and its bacterial endosymbiont: a biogeographical perspective. Proceedings of the Royal Society of London, Series B, Biological Sciences 268 (1465): 393–398.

Clarke, P.A. 1993. Alate production in colonies of *Nasutitermes nigriceps* and *Nasititermes* [sic] *costalis* (Isoptera: Termitidae) in Jamaica and Trinidad. Sociobiology 23 (2): 167–174.

Clarke, P.[A.]. 1994. The natural history of termites of Jamaica. Jamaica Naturalist 4: 12–14.

Clarke, P.A., and E. Garraway. 1994. Development of nests and composition of colonies of *Nasutitermes nigriceps* (Isoptera: Termitidae) in the mangroves of Jamaica. Florida Entomologist 77 (2): 272–280.

Clément, G. 1953. Recherches sur le polymorphisme de *Psammotermes hybostoma* Desneux. Annales des Sciences Naturelles, Zoologie (11) 14 (1) [1952]: 95–116.

Clément, G. 1954. Contribution à l'étude de la biologie d'"*Anacanthotermes ochraceus*" Burm. Insectes Sociaux 1 (2): 194–198.

Clément, G. 1956a. Observations sur l'essaimage d'*Anacanthotermes ochraceus* Burm. [Isopt.]. Bulletin de la Société Entomologique de France 61 (5–6): 98–103.

Clément, G. 1956b. Premières étapes du développement de la colonie chez *Anacanthotermes ochraceus* Burm. [Isopt.]. Bulletin de la Société Entomologique de France 61 (7–8): 148–153.

Clément, J.-L. 1976. Contribution à la systématique évolutive et biologique des reticulitermes français (isoptères). Ph.D. dissertation, Université Pierre et Marie Curie, Paris, 97 pp.

Clément, J.-L. 1977a. Speciation in the French populations of *Reticulitermes. In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 297. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Clément, J.-L. 1977b. Caryotypes des *Reticulitermes* français. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 284 (23): 2355–2356 + 1 pl.

Clément, J.-L. 1977c. Écologie des *Reticulitermes* (Holmgren) français (isoptères): position systématique des populations. Bulletin de la Société Zoologique de France, Évolution et Zoologie 102 (2): 169–185.

Clément, J.-L. 1978a. Nouveaux critères taxinomiques dans le genre *Reticulitermes* (Holmgren) [Isoptera]: description de nouveaux taxons français. Annales de la Société Entomologique de France (n.s.) 14 (2): 131–139.

Clément, J.-L. 1978b. L'agression interspécifique et intraspécifique des espèces françaises du genre *Reticulitermes* (Isoptère). Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 286 (4): 351–354.

Clément, J.-L. 1979a. Hybridation expérimentale entre *Reticulitermes santonensis* Feytaud et *Reticulitermes lucifugus* Rossi. Annales des Sciences Naturelles, Zoologie (13) 1: 251–260.

Clément, J.-L. 1979b. Étude biométrique des populations de *Reticulitermes* (isoptères) français (*R. lucifugus, R. santonensis* et *R. banyulensis* sp. nov.) et de populations américaines de *R. flavipes.* Archives de Zoologie Expérimentale et Générale 120: 65–87.

Clément, J.-L. 1981a. Comportement de reconnaisance individuelle dans le genre *Reticulitermes* (Isoptera). Comptes Rendus de l'Académie des Sciences, Serie III, Sciences de la Vie 292 (16): 931–933.

Clément, J.-L. 1981b. Evolution des populations européennes des termites du complexe *Reticulitermes lucifugus* (Rossi) durant le Pléistocène. Proceedings of the 1981 general assembly of the French section of the Internaional Union for the Study of Social Insects, Toulouse 10–12 September 1981: 44–47.

Clément, J.-L. 1981c. Enzymatic polymorphism in the European populations of various *Reticulitermes* species (Isoptera). *In* P.E. Howse and J.-L. Clément (editors), Biosystematics of social insects: 49–61. New York: Academic Press, [14] + 346 pp.

Clément, J.-L. 1982a. Signaux de contact responsables de l'agressian interspécifique des termites du genre *Reticulitermes* (isoptères). Comptes Rendus de l'Académie des Sciences, Serie III, Sciences de la Vie 294: 635–638.

Clément, J.-L. 1982b. Phéromones d'attraction sexuelle des termites européens du genre *Reticulitermes* (Rhinotermitinae). Mécanismes comportementaux et isolements spécifiques. Biology of Behaviour 7: 55–68.

Clément, J.-L. 1982c. Les termites européens du genre *Reticulitermes.* 1. Statut spécifique des populations. Compte Rendu des Séances de la Société de Biogéographie 58 (4): 145–158.

Clément, J.-L. 1983. Autoécologie, distances phénotypiques et génétiques entre population des termites du complexe *Reticulitermes lucifugus.* Vie et Milieu 31 (3–4) [1981]: 261–270.

Clément, J.-L. 1984. Diagnostic alleles and systematics in termite species of the genus *Reticulitermes* in Europe. Experientia (Basel) 40 (3): 283–285.

Clément, J.-L. 1986. Open and closed societies in *Reticulitermes* termites (Isoptera, Rhinotermitidae): geographic and seasonal variations. Sociobiology 11 (3): 311–323.

Clément, J.-L. 1987. Sociogenetics in *Reticulitermes* termites—the nest: a family, a tribe or a population? *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects [proceedings of the 10th international congress of the International Union for the Study of Social Insects, Munich, 18–22 August 1986]: 339–340. Munich: J. Peperny, xxxv + 16 + 757 pp.

Clément, J.-L., and A.G. Bagnères. 1998. Nestmate recognition in termites. *In* R.K. Vander Meer, M.D. Breed, K.E. Espelie, and M.L. Winston (editors), Pheromone communication in social insects: ants, wasps, bees and termites: 126–155. Boulder, CO: Westview Press, xi + 368 pp.

Clément, J.-L., J. Lefebvre, and M. Wimitzky. 1982. Variabilité biométrique inter et intraspécifique des termite européens du genre *Réticulitermes* (isoptères). Archives de Zoologie Expérimentale et Générale 122: 397–409.

Clément, J.-L., C. Lange, M. Blum, R. Howard, and H. Lloyd. 1985. Chimosystematique du genre *Reticulitermes* (isoptères) aux U.S.A. et en Europe. Actes des Colloques Insectes Sociaux 2: 123–131.

Clément, J.-L., R. Howard, M. Blum, and H. Lloyd. 1986a. L'isolement spécifique des termites du genre *Reticulitermes* (Isoptera) du sud-est des États-Unis. Mise en évidence grâce à la chimie et au comportement d'une espèce jumelle de *R. virginicus* = *R. malletei* sp. nov. et d'une semi-species de *R. flavipes*. Comptes Rendus de l'Académie des Sciences, Serie III, Sciences de la Vie 302 (2): 67–70.

Clément, J.[-]L., H. Lloyd, P. Nagnan, and M.S. Blum. 1986b. Le N-tetradecyl proprionate, la pheromone d'attraction sexuelle de *Reticulitermes flavipes* (Kollar). Actes des Colloques Insectes Sociaux 3: 87–95.

Clément, J.-L., M. Lemaire, P. Nagnan, P. Escoubas, A.G. Bagnères, and C. Joulie. 1988. Chemical ecology of European termites of the genus *Reticulitermes*. Allomones, pheromones, and kairomones. Sociobiology 14 (1): 165–174.

Clément, J.[-]L., H. Lloyd, P. Nagnan, and M.S. Blum. 1989. n-Tetradecyl propionate: identification as a sex pheromone of the eastern subterranean termite *Reticulitermes flavipes*. Sociobiology 15 (1): 19–24.

Clément, J.-L., A.-G. Bagnères, P. Uva, L. Wilfert, A. Quintana, J. Reinhard, and S. Dronnet. 2001. Biosystematics of *Reticulitermes* termites in Europe: morphological, chemical and molecular data. Insectes Sociaux 48 (3): 202–215.

Cleveland, L.R., S.K. Hall, E.P. Sanders, and J. Collier. 1934. The wood-feeding roach *Cryptocercus,* its protozoa, and the symbiosis between protozoa and roach. Memoirs of the American Academy of Arts and Sciences 17: 185–342.

Cloud, P., L.B. Gustafson, and J.A.L. Watson. 1980. The works of living social insects as pseudofossils and the age of the oldest known Metazoa. Science 210 (4473): 1013–1015.

Cloudsley-Thompson, J.L. 1967. Altitude and faunal distribution on Jebel Marra. Sudan Notes and Records 48: 133–140.

Cloudsley-Thompson, J.L. 1969a. Some aspects of the fauna of the Nuba Mountains, Sudan. Entomologist's Record 81: 203–206.

Cloudsley-Thompson, J.L. 1969b. Some aspects of the fauna of the Ingessana hills. Entomologist's Record 81: 262–264.

Coaton, W.G.H. 1943. The harvester termite (*Hodotermes mossambicus,* subsp. *transvaalensis*). Farming in South Africa 18: 346–350.

Coaton, W.G.H. 1947. The Pienaars River complex of wood-eating termites. Journal of the Entomological Society of Southern Africa 9 (2): 130–177.

Coaton, W.G.H. 1948a. *Trinervitermes* species—the snouted harvester-termites. Bulletin Department of Agriculture Union of South Africa (Entomology Series) (23) 261: 1–19.

Coaton, W.G.H. 1948b. *Cryptotermes brevis*: a new wood-borer problem in South Africa. Bulletin Department of Agriculture Union of South Africa (Entomology Series) (24) 290: 1–18.

Coaton, W.G.H. 1948c. The harvester-termite problem in South Africa. Bulletin Department of Agriculture Union of South Africa (Entomology Series) (25) 292: 1–38.

Coaton, W.G.H. 1949a. Infestation of buildings in South Africa by sub-terranean wood-destroying termites. Bulletin Department of Agriculture Union of South Africa (Entomology Series) (30) 299: 1–89.

Coaton, W.G.H. 1949b. Notes on some South African species of the families Hodotermitidae and Kalotermitidae. Journal of the Entomological Society of Southern Africa 12: 13–77.

Coaton, W.G.H. 1950. *Cryptotermes* of the Union of South Africa. Journal of the Entomological Society of Southern Africa 13: 3–32.

Coaton, W.G.H. 1955. New Isoptera from Belgian Congo (with redescriptions of some named species). Journal of the Entomological Society of Southern Africa 18 (2): 109–136.

Coaton, W.G.H. 1958. The hodotermitid harvester termites of South Africa. Science Bulletin Department of Agriculture Union of South Africa (Entomology Series) (43) 375: iv + 1–112.

Coaton, W.G.H. 1961. Association of termites and fungi. African Wild Life 15 (1): 39–54.

Coaton, W.G.H. 1962a. Survey of the termites of the Kruger National Park (including diagnosis of *Fulleritermes* gen. nov.: Nasutitermitinae). Koedoe 5: 144–156 + 12 pls.

Coaton, W.G.H. 1962b. Survey of the termites (Isoptera) of the Kalahari thornveld and shrub bushveld of the R.S.A. Koedoe 6: 38–50 + 18 pls.
Coaton, W.G.H. 1962c. Nesting habits and mounds of the termites of northern Rhodesia. African Wild Life 16 (1): 61–70.
Coaton, W.G.H. 1962d. The origin and development of massive, vegetated termite hills in northern Rhodesia. African Wild Life 16 (2): 159–166.
Coaton, W.G.H. 1962e. Control of hodotermitid harvester termites in the Karoo. Journal of the Entomological Society of Southern Africa 25 (2): 318–327.
Coaton, W.G.H. 1964. The National Survey of the Isoptera [South Africa]. Symposium on Entomological Problems, 1961. South Africa Department of Agriculture Technical Service, Technical Communication 12: 90–103.
Coaton, W.G.H. 1971. Five new termite genera from south west Africa (Isoptera: Termitidae). Cimbebasia (Series A) 2 (1): 1–34.
Coaton, W.G.H. 1974. Status of the taxonomy of the Hexapoda of Southern Africa. Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 36: 1–124.
Coaton, W.G.H. 1981. Fossilised nests of Hodotermitidae (Isoptera) from the Clanwilliam district, Cape Province. Journal of the Entomological Society of Southern Africa 44 (2): 79–81.
Coaton, W.G.H., and J.L. Sheasby. 1972. Preliminary report on a survey of the termites (Isoptera) of South West Africa. Cimbebasia (Memoir) 2: 1–129.
Coaton, W.G.H., and J.L. Sheasby. 1973a. National survey of the Isoptera of southern Africa. 1. The genus *Baucaliotermes* Sands (Termitidae: Nasutitermitinae). Cimbebasia (Series A) 3 (1): 2–7.
Coaton, W.G.H., and J.L. Sheasby. 1973b. National survey of the Isoptera of southern Africa. 2. The genus *Schedorhinotermes* Silvestri (Rhinotermitidae). Cimbebasia (Series A) 3 (2): 10–17.
Coaton, W.G.H., and J.L. Sheasby. 1973c. National survey of the Isoptera of southern Africa. 3. The genus *Psammotermes* Desneux (Rhinotermitidae). Cimbebasia (Series A) 3 (3): 19–28.
Coaton, W.G.H., and J.L. Sheasby. 1973d. National survey of the Isoptera of southern Africa. 4. The genus *Fulleritermes* Coaton (Termitidae: Nasutitermitinae). Cimbebasia (Series A) 3 (4): 29–38.
Coaton, W.G.H., and J.L. Sheasby. 1974a. National survey of the Isoptera of southern Africa. 5. The genus *Rhadinotermes* Sands (Termitidae: Nasutitermitinae). Cimbebasia (Series A) 3 (5): 39–45.
Coaton, W.G.H., and J.L. Sheasby. 1974b. National survey of the Isoptera of southern Africa. 6. The genus *Microhodotermes* Sjöstedt (Hodotermitidae). Cimbebasia (Series A) 3 (6): 47–59.
Coaton, W.G.H., and J.L. Sheasby. 1974c. National survey of the Isoptera of southern Africa. 7. The genus *Apicotermes* Holmgren (Termitidae: Apicotermitinae). Cimbebasia (Series A) 3 (7): 61–72.
Coaton, W.G.H., and J.L. Sheasby. 1975a. National survey of the Isoptera of southern Africa. 9. The genus *Ancistrotermes* Silvestri (Termitidae: Macrotermitinae). Cimbebasia (Series A) 3 (9): 95–104.
Coaton, W.G.H., and J.L. Sheasby. 1975b. National survey of the Isoptera of southern Africa. 10. The genus *Hodotermes* Hagen (Hodotermitidae). Cimbebasia (A) 3 (10): 105–138.
Coaton, W.G.H., and J.L. Sheasby. 1976a. National survey of the Isoptera of southern Africa. 11. The genus *Coptotermes* Wasmann (Rhinotermitidae: Coptotermitinae). Cimbebasia (Series A) 3 (11): 139–172.
Coaton, W.G.H., and J.L. Sheasby. 1976b. National survey of the Isoptera of southern Africa. 12. The genus *Porotermes* Hagen (Termopsidae: Porotermitinae). Cimbebasia (Series A) 3 (12): 173–182.
Coaton, W.G.H., and J.L. Sheasby. 1977. National survey of the Isoptera of southern Africa. 13. The genus *Pseudacanthotermes* Sjöstedt (Termitidae: Macrotermitinae). Cimbebasia (Series A) 3 (13): 183–205.
Coaton, W.G.H., and J.L. Sheasby. 1978a. National survey of the Isoptera of southern Africa. 14. The genus *Stolotermes* Hagen (Termopsidae: Stolotermitinae). Cimbebasia (Series A) 3 (14): 207–213.
Coaton, W.G.H., and J.L. Sheasby. 1978b. National survey of the Isoptera of southern Africa. 15. The genus *Termes* Linné (Termitidae: Termitinae). Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 48: 1–15.
Coaton, W.G.H., and J.L. Sheasby. 1979. National survey of the Isoptera of southern Africa. 17. The genus *Cryptotermes* Banks (Kalotermitidae). Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 52: 1–21.
Coaton, W.G.H., and J.L. Sheasby. 1980. National survey of the Isoptera of southern Africa. 18. The genus *Bifiditermes* Krishna (Kalotermitidae). Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 53: 1–13.

Cockerell, T.D.A. 1908. Florissant: a Miocene Pompeii. Popular Science Monthly 73: 112–126.
Cockerell, T.D.A. 1909. A catalogue of the generic names based on American insects and arachnids from the Tertiary rocks, with indications of the type species. Bulletin of the American Museum of Natural History 26 (8): 77–86.
Cockerell, T.D.A. 1911. Fossil insects from Florissant, Colorado. Coleoptera. Bulletin of the American Museum of Natural History 30 (6): 71–82.
Cockerell, T.D.A. 1913. The genera *Parotermes* and *Hodotermes* (Isoptera). Entomological News 24 (1): 6–8.
Cockerell, T.D.A. 1915. British fossil insects. Proceedings of the United States National Museum 49: 469–499 + 6 pls.
Cockerell, T.D.A. 1916. Insects in Burmese amber. American Journal of Science 42: 135–138.
Cockerell, T.D.A. 1917a. Insects in Burmese amber. Annals of the Entomological Society of America 10: 323–329.
Cockerell, T.D.A. 1917b. New Tertiary insects. Proceedings of the United States National Museum 52: 373–384 + 1 pl.
Cockerell, T.D.A. 1920. Fossil arthropods in the British Museum.—IV. Annals and Magazine of Natural History (9) 6 (32): 211–214.
Cockerell, T.D.A. 1922. Fossils in Burmese amber. Nature 109 (2744): 713–714.
Cockerell, T.D.A., and T.E. Snyder. 1925a. A fossil termite from Germany. Proceedings of the Biological Society of Washington 38: 21–22 + 1 pl.
Cockerell, T.D.A., and T.E. Snyder. 1925b. Termite synonymy—*Ulmeriella bauckhorni* Meunier and *Macrohodotermes* Fuller. Proceedings of the Biological Society of Washington 38: 86.
Coles de Negret, H.R., and P.E. Howse. 1983. Chemical defense in termites—ecological aspects. *In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico, November, 1980. Vol. 2: 21–29. Paris: Université Paris-Nord, 252 pp.
Coles, H.R. 1980. Defensive strategies in the ecology of Neotropical termites. Ph.D. dissertation, University of Southampton, UK, 243 pp.
Coles de Negret, H.R., and K. Redford. 1982. The biology of nine termite species (Isoptera: Termitidae) from the Cerrado of Central Brazil. Psyche (Cambridge) 89 (1–2): 81–106.
Collet, T., and M.C.C. Ruvolo-Takasusuki. 2003a. Genetic relationship of *Nasutitermes* populations from southern Brazil (Isoptera: Termitidae). Sociobiology 42 (2): 343–349.
Collet, T., and M.C.C. Ruvolo-Takasusuki. 2003b. Isozyme characterization of three *Nasutitermes* populations (Isoptera: Termitidae). Sociobiology 42 (2): 351–357.
Collins, M. S. 1959. Studies on water relations in Florida termites. I. Survival time and rate of water loss during drying. Quarterly Journal of the Florida Academy of Sciences 21 (4) [1958]: 341–352.
Collins, M.S. 1969. Water relations in termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 433–458. New York: Academic Press, xiii + 598 pp.
Collins, M.S. 1979. Kartabo revisited: termite studies in Guyana. Sociobiology 4 (2): 211–213.
Collins, M.S. 1988. Taxonomic problems with termites of North America, Canada through Panama. Sociobiology 14 (1): 207–210.
Collins, M.S. 1991. Physical factors affecting termite distribution. Sociobiology 19 (1): 283–286.
Collins, M.S., and G.D. Prestwich. 1983. Defense in *Nasutitermes octopilis* Banks (Isoptera, Termitidae, Nasutitermitinae): comparative effectiveness of soldier secretion. Insectes Sociaux 30 (1): 70–81.
Collins, M.S., and A.G. Richards. 1963. Studies on water relations in North American termites. I. Eastern species of the genus *Reticulitermes* (Isoptera, Rhinotermitidae). Ecology 44 (3): 600–604.
Collins, M.S., M.I. Haverty, and B.L. Thorne. 1997. The termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of the British Virgin Islands: distribution, moisture relations, and cuticular hydrocarbons. Sociobiology 30 (1): 63–76.
Collins, N.M. 1977a. Two new termites (Isoptera) from the United Republic of Cameroon. Systematic Entomology 2: 95–104.
Collins, N.M. 1977b. Oxford expedition to the Edea-Marienberg Forest Reserve, United Republic of Cameroon, 1973. Bulletin of the Oxford University Explorers Club (n.s.) 3: 5–15.
Collins, N.M. 1979a. Observations on the foraging activity of *Hospitalitermes umbrinus* (Haviland), (Isoptera: Termitidae) in the Gunong [sic] Mulu National Park, Sarawak. Ecological Entomology 4: 231–238.

Collins, N.M. 1979b. The nests of *Macrotermes bellicosus* (Smeathman) from Mokwa, Nigeria. Insectes Sociaux 26 (3): 240–246.

Collins, N.M. 1980a. Two hundred years of termitology. Antenna 4 (2): 42–48.

Collins, N.M. 1980b. Inhabitation of epigeal termite (Isoptera) nests by secondary termites in Cameroun Rain Forest. Sociobiology 5: 47–54.

Collins, N.M. 1980c. The distribution of soil macrofauna on the west ridge of Gunung (Mount) Mulu, Sarawak. Oecologia (Berlin) 44: 263–275.

Collins, N.M. 1981a. Populations, age structure and survivorship of colonies of *Macrotermes bellicosus* (Isoptera: Macrotermitinae). Journal of Animal Ecology 50: 293–311.

Collins, N.M. 1981b. Consumption of wood by artificially isolated colonies of the fungus-growing termite *Macrotermes bellicosus.* Entomologia Experimentalis et Applicata 29: 313–320.

Collins, N.M. 1982. The interaction and impact of domestic stock and termites in a Kenyan rangeland. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 80–84. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Collins, N.M. 1983. Termite populations and their role in litter removal in Malaysian rain forests. *In* S.L. Sutton, T.C. Whitmore, and A.C. Chadwick (editors), Tropical rain forest: ecology and management: 311–325. Oxford: Blackwell Scientific Publications, ix + 498 pp.

Collins, N.M. 1984. The termites (Isoptera) of the Gunung Mulu National Park with a key to the genera known from Sarawak. Sarawak Museum Journal (n.s.) 30 (51): 65–87 + 2 pls.

Collins, N.M. 1988. Termites. *In* Earl of Cranbrook (editor), Key environments: Malaysia: 196–211. Oxford: Pergamon Press, x + 317 pp.

Collins, N.M., T.G. Wood, P.R. Zimmerman, J.P. Greenberg, and J.P.E.C. Darlington. 1984. Termites and atmospheric gas production. Science 224 (4644): 84–86.

Collins, R.L. 1925. A Lower Eocene termite from Tennessee. American Journal of Science *(5)* 9: 406–410.

Comstock, J.H. 1918. The wings of the Isoptera. *In* J.H. Comstock, The wings of insects: 132–144. Ithaca, NY: Comstock Publishing Company, 430 + xviii pp. + 10 pls.

Comstock, J.H., and A.B. Comstock. 1895. *A* manual for the study of insects. Ithaca, NY: Comstock Publishing Company, x + 701 pp.

Connétable, S., A. Robert, and C. Bordereau. 1998. Rôle des vibrations dans la communication d'alarme chez deux espèces des termites champignonnistes: *Pseudacanthotermes spiniger* et *P. militaris.* Actes des Colloques Insectes Sociaux 11: 117–124.

Connétable, S., A. Robert, F. Bouffault, and C. Bordereau. 1999. Vibratory alarm signals in two sympatric higher termite species: *Pseudacanthotermes spiniger* and *P. militaris* (Termitidae, Macrotermitinae). Journal of Insect Behavior 12 (3): 329–342.

Conrad, G. 1959. Importance et rôle des termites dans les formations pédologiques fossiles du Quaternaire de la région de Béni-Abbès. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 249 (20): 2089–2091.

Constantino, R. 1990a. Notes on *Cyranotermes* Araujo, with description of a new species (Isoptera, Termitidae, Nasutitermitinae). Goeldiana Zoologia 2: 1–11.

Constantino, R. 1990b. *Anhangatermes macarthuri,* a new genus and species of soil-feeding nasute termite from Amapá, Brazil (Isoptera, Termitidae, Nasutitermitinae). Goeldiana Zoologia 3: 1–6.

Constantino, R. 1990c. Two new species of termites (Insecta, Isoptera) from western Brazilian Amazonia. Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 6 (1): 3–9.

Constantino, R. 1990d. *Agnathotermes crassinasus,* new species of termite from the Amazon Basin (Isoptera: Termitidae: Nasutitermitinae). Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 6 (1): 43–46.

Constantino, R. 1991a. Notes on *Neocapritermes* Holmgren, with description of two new species from the Amazon Basin (Isoptera, Termitidae, Termitinae). Goeldiana Zoologia 7: 1–13.

Constantino, R. 1991b. *Ereymatermes rotundiceps,* new genus and species of termite from the Amazon Basin (Isoptera, Termitidae, Nasutitermitidae). Goeldiana Zoologia 8: 1–11.

Constantino, R. 1991c. Termites (Isoptera) from the lower Japurá River, Amazonas State, Brazil. Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 7 (2): 189–224.

Constantino, R. 1992. Notes on *Embiratermes* Fontes (Isoptera, Termitidae, Nasutitermitinae), with descriptions of two new species from Amapá State, Brazil. Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 8 (2): 329–336.

Constantino, R. 1993. A new species of *Amitermes* Silvestri from Amapá State, Brazil (Isoptera, Termitidae, Termitinae). Boletim do Museu Paraense Emílio Goeldi, Série Zoologia 8 (2) [1992]: 337–341.
Constantino, R. 1994. A new genus of Nasutitermitinae with mandibulate soldiers from tropical North America (Isoptera: Termitidae). Sociobiology 25 (2): 285–294.
Constantino, R. 1995. Revision of the Neotropical termite genus *Syntermes* Holmgren (Isoptera: Termitidae). University of Kansas Science Bulletin 55 (13): 455–518.
Constantino, R. 1997a. Notes on *Eucryptotermes* with a new species from central Amazonia (Isoptera: Kalotermitidae). Sociobiology 30 (2): 125–131.
Constantino, R. 1997b. Morphology of the digestive tube of *Macuxitermes triceratops* and its phylogenetic implications (Isoptera: Termitidae: Nasutitermitinae). Sociobiology 30 (2): 225–230.
Constantino, R. 1998a. Description of a new *Planicapritermes* from Central Amazonia, with notes on the morphology of the digestive tube of the *Neocapritermes-Planicapritermes* group (Isoptera: Termitidae: Termitinae). Sociobiology 32 (1): 109–118.
Constantino, R. 1998b. Catalog of the living termites of the New World (Insecta: Isoptera). Arquivos de Zoologia (São Paulo) 35 (2): 135–231.
Constantino, R. 1999a. Chave ilustrada para identificação dos gêneros de cupins (Insecta: Isoptera) que ocorrem no Brasil. Papéis Avulsos de Zoologia (São Paulo) 40 (25): 387–448.
Constantino, R. 1999b. Errata [for "Description of a new *Planicapritermes* from Central Amazonia, with notes on the morphology of the digestive tube of the *Neocapritermes-Planicapritermes* group (Isoptera: Termitidae: Termitinae)." Sociobiology 32 (1): 109–118]. Sociobiology 33 (2): 144.
Constantino, R. 2000a. A new *Cryptotermes* from the Brazilian Atlantic forest (Isoptera: Kalotermitidae). Sociobiology 36 (2): 525–530.
Constantino, R. 2000b. Key to the soldiers of South American *Heterotermes* with a new species from Brazil (Isoptera: Rhinotermitidae). Insect Systematics and Evolution 31 (4): 463–472.
Constantino, R. 2002a. An illustrated key to Neotropical termite genera (Insecta: Isoptera) based primarily on soldiers. Zootaxa 67: 1–40.
Constantino, R. 2002b. Notes on the type-species and synonymy of the genus *Nasutitermes* (Isoptera: Termitidae: Nasutitermitinae). Sociobiology 40 (3): 533–537.
Constantino, R. 2002c. The pest termites of South America: taxonomy, distribution and status. Journal of Applied Entomology 126: 355–365.
Constantino, R. 2012. Description of the imago of *Noirotitermes noiroti* Cancello and Myles 2000 (Isoptera: Termitidae: Syntermitinae), with new records. Zootaxa 3174: 65–68.
Constantino, R., and A.N.S. Acioli. 2009. *Ngauratermes arue,* new genus and species of nasute termite (Isoptera: Termitidae) from the Amazon. Zootaxa 2239: 22–30.
Constantino, R., and E.M. Cancello. 1993. Cupins (Insecta, Isoptera) da Amazônia Brasileira: distribuição geográfica e esforço de coleta. Revista Brasileira de Biologia 52 (3) [1992]: 401–413.
Constantino, R., and E.M. Cancello. 1999. Updates and correction to Mathews's "Termites from Mato Grosso" (Isoptera). Sociobiology 33 (2): 195–198.
Constantino, R., and A.M. Costa-Leonardo. 1997. A new species of *Constrictotermes* from central Brazil with notes on the mandibular glands of workers (Isoptera: Termitidae: Nasutitermitinae). Sociobiology 30 (2): 213–223.
Constantino, R., and O.F.F. DeSouza. 1997. Key to the soldiers of *Atlantitermes* Fontes 1979, with a new species from Brazil (Isoptera: Termitidae: Nasutitermitinae). Tropical Zoology 10 (2): 205–213.
Constantino, R., and E.C. Dianese. 2001. The urban termite fauna of Brasilia, Brazil (Isoptera). Sociobiology 38 (3A): 323–326.
Constantino, R., and S.H.C. Carvalho. 2011. *Paracurvitermes,* a new genus of Syntermitinae (Isoptera: Termitidae). Sociobiology 57 (2): 377–388.
Constantino, R., and S.H.C. Carvallo. 2012a. A taxonomic revision of the Neotropical termite genus *Cyrilliotermes* Fontes (Isoptera, Termitidae, Syntermitinae). Zootaxa 3186: 25–41.
Constantino, R., and S.H.C. Carvallo. 2012b. A taxonomic revision of the Neotropical termite genus *Cyrilliotermes* Fontes (Isoptera, Termitidae, Syntermitinae). Erratum. Zootaxa 3242: 68.
Constantino, R., J. Liotta, and B. Giacosa. 2002. A reexamination of the systematic position of *Amitermes brevicorniger,* with the description of a new genus (Isoptera, Termitidae, Termitinae). Sociobiology 39 (3): 453–463.

Constantino, R., A.N.S. Acioli, K. Schmidt, C. Cuezzo, S.H.C. Carvalho, and A. Vasconcellos. 2006. A taxonomic revision of the Neotropical termite genera *Labiotermes* Holmgren and *Paracornitermes* Emerson (Isoptera: Termitidae: Nasutitermitinae). Zootaxa 1340: 1–44.

Copren, K.A. 2007. Characterization of microsatellite loci in western subterranean termite, *Reticulitermes hesperus* and cross-amplification in closely related cryptic species. Journal of Insect Science 7 (17): 1–5.

Copren, K.A., L.J. Nelson, E.L. Vargo, and M.I. Haverty. 2005. Phylogenetic analyses of mtDNA sequences corroborate taxonomic designations based on cuticular hydrocarbons in subterranean termites. Molecular Phylogenetics and Evolution 35: 689–700.

Corbett, G.H., and N.C.E. Miller. 1936. The termite, *Microtermes pallidus* Hav., in relation to tea in Malaya. Scientific Series, Department of Agriculture, Straits Settlements and Federated Malay States 17: 1–12 + 4 pls.

Cornelius, M.L. 2003. Foraging behavior of *Coptotermes formosanus* and *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 41 (1): 105–111.

Cornelius, M.L., and J.M. Bland. 2001. Trail-following behavior of *Coptotermes formosanus* and *Reticulitermes flavipes* (Isoptera: Rhinotermitidae): is there a species-specific response? Environmental Entomology 30 (3): 457–465.

Cornelius, M.L., and W.L.A. Osbrink. 2000. Interspecific interaction between *Coptotermes formosanus* and *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) in laboratory bioasssays. Journal of Insect Behavior 13 (5): 757–770.

Cornelius, M.L., and W.L.A. Osbrink. 2003. Agonistic interactions between colonies of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in New Orleans, Louisiana. Environmental Entomology 32 (5): 1002–1009.

Cornelius, M.L., D.J. Daigle, W.J. Connick, A. Parker, and K. Wunch. 2002. Responses of *Coptotermes formosanus* and *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) to three types of wood rot fungi cultured on different substrates. Journal of Economic Entomology 95 (1): 121–128.

Cornette, R., S. Koshikawa, M. Hojo, T. Matsumoto, and T. Miura. 2006. Caste-specific cytochrome P450 in the damp-wood termite *Hodotermopsis sjostedti* (Isoptera, Termopsidae). Insect Molecular Biology 15 (2): 235–244.

Cornette, R., S. Koshikawa, and T. Miura. 2008. Histology of the hormone-producing glands in the damp-wood termite *Hodotermopsis sjostedti* (Isoptera, Termopsidae): a focus on soldier differentiation. Insectes Sociaux 55: 407–416.

Coronel, J.M., and E. Porcel. 2001. Morphometric variations in soldiers of *Termes saltans* (Isoptera: Termitidae). Sociobiology 38 (3A): 465–474.

Coronel, J.M., and E. Porcel. 2002. Morphometric analysis of soldiers of *Microcerotermes strunckii* (Isoptera: Termitidae, Termitinae). Sociobiology 40 (2): 307–316.

Coronel, J.M., E.R. Laffont, G.J. Torales, and E. Porcel. 2001. Variacion estacional en la composicion de colonias de *Termes saltans* (Isoptera, Termitidae, Termitinae) en un area del departamento Ituzaingó (Corrientes, Argentina). FACENA, Serie Ciencias Naturales 17: 3–13.

Cosarinsky, M. 2004. Nest micromorphology of the termite *Cortaritermes fulviceps* in different types of soil (Isoptera: Termitidae). Sociobiology 44 (1): 153–170.

Cosarinsky, M.I. 2005. Comparative micromorphology of arboreal and terrestrial carton nests of the Neotropical termite *Nasutitermes aquilinus* (Isoptera: Termitidae). Sociobiology 45 (3): 839–852.

Cosarinsky, M.I., E.S. Bellosi, and J.F. Genise. 2005. Micromorphology of modern epigean termite nests and possible termite ichnofossils: a comparative analysis (Isoptera). Sociobiology 45 (3): 745–778.

Costa, J.T. 2006. The other insect societies. Cambridge, MA: Harvard University Press, xiv + 767 pp.

Costa-Leonardo, A.M. 1992. The secretory epithelium of the frontal gland in *Velocitermes* sp. soldiers (Isoptera, Termitidae). Naturalia (São Paulo) 17: 99–109.

Costa-Leonardo, A.M. 1993. Occurrence and morphology of the oenocytes in soldier of *Cornitermes cumulans* (Kollar) (Isoptera, Termitidae). Revista Brasileira de Entomologia 37 (2): 345–351.

Costa-Leonardo, A.M. 1994. The leg exocrine system in *Serritermes serrifer* (Hagen 1858), phylogenetic implications (Isoptera: Serritermitidae). Insectes Sociaux 41: 111–114.

Costa-Leonardo, A.M. 1995. Morphology of the digestive tube in the termite *Serritermes serrifer* (Isoptera, Serritermitidae). Naturalia (São Paulo) 20: 31–44.

Costa-Leonardo, A.M. 1997a. Metodos paracoleta e estudo das populações de cupins subterraneos. Naturalia (São Paulo) 22: 199–206.

Costa-Leonardo, A.M. 1997b. Secretion of salivary glands of the Brazilian termite *Serritermes serrifer* Hagen and Bates (Isoptera: Serritermitidae). Annales de la Société Entomologique de France (n.s.) 33 (1): 29–37.

Costa-Leonardo, A.M. 1998a. The frontal weapon of the termite soldier *Serritermes serrifer* (Isoptera, Serritermitidae). Ciência e Cultura (São Paulo) 50 (1): 65–67.

Costa-Leonardo, A.M. 1998b. Morphology of the frontal weapon in the soldier caste of *Cornitermes cumulans* (Isoptera, Termitidae). Revista Brasileira de Entomologia 41 (2–4): 195–197.

Costa-Leonardo, A.M. 1998c. Morphology of replacement reproductives and response to orphaning in *Armitermes* and *Embiratermes* (Isoptera, Termitidae). *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 109. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Costa-Leonardo, A.M. 1998d. Defense glands of three Neotropical *Ruptitermes* (Isoptera, Termitidae, Apicotermitinae). *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 110. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Costa-Leonardo, A.M. 2000. Biological data for the Neotropical termite *Nasutitermes globiceps* (Isoptera: Termitidae: Nasutitermitinae). Sociobiology 36 (3): 63–71.

Costa-Leonardo, A.M. 2001. The frontal weapon of the termite *Armitermes euamignathus* Silvestri (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Zoologia 18 (2): 411–419.

Costa-Leonardo, A.M. 2004. A new interpretation of the defense glands of Neotropical *Ruptitermes* (Isoptera, Termitidae, Apicotermitinae). Sociobiology 44 (2): 391–402.

Costa-Leonardo, A.M., and A. Arab. 2004. Reproductive strategy of *Coptotermes gestroi* (Isoptera: Rhinotermitidae) in Brazil. Sociobiology 43 (3): 123–125.

Costa-Leonardo, A.M., and R.C. Barsotti. 1996. Soldier head morphology of the Neotropical termites: *Embiratermes festivellus* Silvestri and *Spinotermes brevicornutus* (Desneux) (Isoptera, Termitidae). Revista Brasileira de Zoologia 13 (2): 321–330.

Costa-Leonardo, A.M., and R.C. Barsotti. 1998. Swarming and incipient colonies of *Coptotermes havilandi* (Isoptera, Rhinotermitidae). Sociobiology 31 (1): 65–66, 132–142.

Costa-Leonardo, A.M., and R.C. Barsotti. 2001. Growth patterns of incipient colonies of *Coptotermes havilandi* (Isoptera, Rhinotermitidae) initiated in the laboratory from swarming alates. Sociobiology 37 (3B): 551–561.

Costa-Leonardo, A.M., and R.S. Camargo. 1990. Morphology of the digestive tube and salivary glands of *Serritermes serrifer* (Isoptera: Serritermitidae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 43. Leiden: E.J. Brill, xxxi + 765 pp.

Costa-Leonardo, A.M., and C.R.R. [de] Camargo-Dietrich. 1999. Território e população de forrageio de uma colônia de *Coptotermes havilandi* (Isoptera: Rhinotermitidae) em meio urbano. Arquivos do Instituto Biológico (São Paulo) 66 (2): 99–105.

Costa-Leonardo, A.M., and C. da Cruz-Landim. 1991. Morphology of the salivary gland acini in *Grigiotermes bequaerti* (Isoptera: Termitidae: Apicotermitinae). Entomologia Generalis 16 (1): 13–21.

Costa-Leonardo, A.M., and C. da Cruz-Landim. 1997. Microorganisms of the digestive tract of Brazilian termites (Isoptera, Termitidae). Ciência e Cultura (São Paulo) 49 (4): 266–268.

Costa-Leonardo, A.M., and C.R. De Salvo. 1987. A comparative study of the frontal glands in three species of Brazilian termite soldiers (Isoptera, Termitidae). Revista Brasileira de Entomologia 31 (3): 465–471.

Costa-Leonardo, A.M., and K.E.S. Filho. 2004. Occurrence of polygyny in *Procornitermes araujoi* (Termitidae, Nasutitermitinae). Sociobiology 44 (3): 607–613.

Costa-Leonardo, A.M., and K. Kitayama. 1990. Sternal gland size related to polyethism in the termite *Constrictotermes cyphergaster* (Termitidae, Nasutitermitinae). Ciência e Cultura (São Paulo) 42 (10–12): 975–977.

Costa-Leonardo, A.M., and K. Kitayama. 1991. Frontal gland dehiscence in the Brazilian termite *Serritermes serrifer* (Isoptera: Serritermitidae). Sociobiology 19 (2): 333–338.

Costa-Leonardo, A.M., and G.B. Patricio. 2005. Structure of the spermatheca in five families of Isoptera. Sociobiology 45 (3): 659–670.

Costa-Leonardo, A.M., and K.S. Shields. 1990. Morphology of the mandibular glands in workers of *Constrictotermes cyphergaster* (Silvestri) (Isoptera: Termitidae). International Journal of Insect Morphology and Embryology 19 (1): 61–64.

Costa-Leonardo, A.M., and H.X. Soares. 1997a. Morphological aspects of Neotropical termite antenna under scanning microscopy. Revista Brasileira de Entomologia 41 (1): 47–52.

Costa-Leonardo, A.M., and H.X. Soares. 1997b. Oviposition and survival in females of *Procornitermes araujoi* under laboratory conditions (Isoptera, Termitidae, Nasutitermitinae). Sociobiology 30 (3): 289–294.

Costa-Leonardo, A.M., R.C. Barsotti, and H.X. Soares. 1996. Multiple nymphoid reproductives in the nests of the Neotropical termite, *Armitermes euamignathus* (Isoptera, Termitidae, Nasutitermitinae). Sociobiology 28 (2): 197–205.

Costa-Leonardo, A.M., H.X. Soares, and R.C. Barsotti. 1998a. Response to orphaning in two Neotropical termites: *Armitermes euamignathus* and *Embiratermes festivellus.* Entomologia Experimentalis et Applicata 88: 109–114.

Costa-Leonardo, A.M., R.C. Barsotti, and C.R.R. [de] Camargo-Dietrich. 1998b. Description of an aerial carton nest of *Coptotermes havilandi* (Isoptera, Rhinotermitidae). *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 111. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Costa-Leonardo, A.M., R.C. Barsotti, and H.X. Soares. 1999a. Morphology of the nymphoid replacement reproductives in the Neotropical termite *Armitermes euamignathus* (Isoptera, Termitidae, Nasutitermitinae). Journal of Morphology 239: 131–141.

Costa-Leonardo, A.M., R.C. Barsotti, and C.R.R. de Camargo-Dietrich. 1999b. Review and update on the biology of *Coptotermes havilandi* (Isoptera, Rhinotermitidae). Sociobiology 33 (3): 339–356.

Costa-Leonardo, A.M., C.R.R. de Camargo-Dietrich, and A. Arab. 2002. Preliminary studies on agonistic behavior between colonies of *Coptotermes havilandi* (Isoptera, Rhinotermitidae) in laboratory bioassays. Sociobiology 39 (3): 417–422.

Costa-Leonardo, A.M., F.E. Casarin, and J. Ferreira. 2003. Estimates of foraging population and territory of *Heterotermes tenuis* colonies using mark-release-recapture (Isoptera: Rhinotermitidae). Sociobiology 42 (3): 807–814.

Costa-Leonardo, A.M., A. Arab, and H. Hertel. 2005. Note about the first swarming in a laboratory colony of *Coptotermes gestroi* (Isoptera: Rhinotermitidae). Sociobiology 45 (1): 137–139.

Costa-Leonardo, A.M., F.E. Casarin, and J.T. Lima. 2009. Chemical communication in Isoptera. Neotropical Entomology 38 (1): 1–6.

Costa Lima, A., da. 1938. Sobre um *Kalotermes* do Rio de Janeiro (Isoptera: Kalotermitidae). Memórias do Instituto Oswaldo Cruz. Rio de Janeiro 33 (3): 359–362 + 2 pls.

Costa Lima, A., da. 1939. Insetos do Brasil. Vol. 1. Rio de Janeiro: Escola Nacional de Agronomia (Serie Didatica, No. 2), 470 pp.

Costa Lima, A., da. 1941. Sobre cupins brocas da Goiabeira (Isoptera: Kalotermitidae). Boletim da Sociedade Brasileira de Agronomia 4 (4): 377–387.

Costa Lima, A., da. 1942. Sobre *Kalotermes* (*Neotermes*) *wagneri* e espécies afins (Isoptera: Kalotermitidae). Boletim da Sociedade Brasileira de Agronomia 5 (1): 1–4.

Costa Lima, A., da. 1944. Sobre dois fósseis da bacia Terciaria de Fonseca (Alvinópolis–Minas Gerais). Anais da Academia Brasileira de Ciencias 16 (4): 291–292 + 1 pl.

Courrent, A., A. Quennedey, C.A. Nalepa, A. Robert, M. Lenz, and C. Bordereau. 2008. The fine structure of colleterial glands in two cockroaches and three termites, including a detailed study of *Cryptocercus punctulatus* (Blattaria, Cryptocercidae) and *Mastotermes darwiniensis* (Isoptera, Mastotermitidae). Arthropod Structure and Development 37: 55–66.

Cowie, R.H. 1988. Fungus-growing termites and the tropical environment. Ecology and Evolution 3 (3): 60–61.

Cowie, R.H. 1989a. The zoogeographical composition and distribution of the Arabian termite fauna. Biological Journal of the Linnean Society 36 (1–2): 157–168.

Cowie, R.H. (editor). 1989b. The first international symposium on fungus-growing termites and the tropical environment. National Museums of Kenya, Nairobi, Kenya 3–7 November 1987. Sociobiology 15 (2): 107–275.

Cowie, R.H., T.G. Wood, E.A. Barnett, W.A. Sands, and H.I.J. Black. 1990. A checklist of the termites of Ethiopia with a review of their biology, distribution and pest status. African Journal of Ecology 28 (1): 21–33.

Crampton, G.C. 1919. Notes on the phylogeny of the Orthoptera. Entomological News 30 (2): 42–48, 64–72.

Crampton, G.C. 1920a. The terminal abdominal structures of the primitive Australian termite, *Mastotermes darwiniensis* Froggatt. Transactions of the Entomological Society of London 1920: 137–145 + 1 pl.

Crampton, G.C. 1920b. Notes on the lines of descent of lower winged insects. Psyche (Cambridge) 27 (5): 116–127.

Crampton, G.C. 1920c. Some anatomical details of the remarkable winged zorapteran, *Zorotypus hubbardis* Caudell, with notes on its relationships. Proceedings of the Entomological Society of Washington 22 (5): 98–106.

Crampton, G.C. 1921. The sclerites of the head, and the mouthparts of certain immature and adult insects. Annals of the Entomological Society of America 14 (2): 65–110.

Crampton, G.C. 1922. Notes on the relationships indicated by the venation of the wings of insects. Canadian Entomologist 54: 206–216, 222–235.

Crampton, G.C. 1923. A comparison of the terminal abdominal structures of an adult alate female of the primitive termite *Mastotermes darwiniensis* with those of the roach *Periplaneta americana.* Bulletin of the Brooklyn Entomological Society 18 (3): 85–93.

Crampton, G.C. 1932. A phylogenetic study of the head capsule in certain orthopteroid, psocoid, hemipteroid and holometabolous insects. Bulletin of the Brooklyn Entomological Society 27 (1): 19–49 + 5 pls.

Crampton, G.C. 1938. The interrelationships and lines of descent of living insects. Psyche (Cambridge) 45 (4): 165–181.

Creffield, J.W. (2009). Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae (Case 3385; BZN 64: 83–86, 185–187, 65: 47–49, 132–136) Bulletin of Zoological Nomenclature 66 (4): 347.

Crist, T.O., and C.F. Friese. 1994. The use of ant nests by subterranean termites in two semiarid ecosystems. American Midland Naturalist 131 (2): 370–373.

Crosland, M.W.J., and J.P.E.C. Darlington. 1997. The relationship between the primary and a subsidiary nest of *Pericapritermes nitobei* (Isoptera, Termitidae, Termitinae) in Hong Kong. Sociobiology 29 (3): 263–268.

Crosland, M.W.J., and N.-Y. Su. 2006a. Mark-recapture without estimating population sizes: a tool to evaluate termite baits. Bulletin of Entomological Research 96: 99–103.

Crosland, M.W.J., and N.-Y. Su. 2006b. Work allocation among castes in a Rhinotermitid termite (Isoptera)—are nymphs a working caste? Sociobiology 48 (2): 585–598.

Crosland, M.W.J., and J.F.A. Traniello. 1997. Behavioral plasticity in division of labor in the lower termite *Reticulitermes fukienensis.* Naturwissenschaften 84: 208–211.

Crosland, M.W.J., L.K. Chan, and J.A. Buswell. 1996. Symbiotic fungus and enzymatic digestion in the gut of the termite, *Macrotermes barneyi* (Light) (Isoptera: Termitidae). Journal of Entomological Science 31 (1): 132–137.

Crosland, M.W.J., C.M. Lok, T.C. Wong, M. Shakarad, and J.F.A. Traniello. 1997. Division of labour in a lower termite: the majority of tasks are performed by older workers. Animal Behaviour 54: 999–1012.

Crosland, M.W.J., S.-X. Ren, and J.F.A. Traniello. 1998. Division of labour among workers in the termite, *Reticulitermes fukienensis* (Isoptera: Rhinotermitidae). Ethology 104 (1): 57–67.

Crosland, M.W.J., J.F.A. Traniello, and R.H. Scheffrahn. 2004. Social organization in the drywood termite, *Cryptotermes cavifrons*: is there polyethism among instars? Ethology Ecology and Evolution 16: 117–132.

Crosland, M.W.J., N.-Y. Su, and R.H. Scheffrahn. 2005. Arolia in termites (Isoptera): functional significance and evolutionary loss. Insectes Sociaux 52: 63–66.

Crosland, M.W.J., N.-Y. Su, and J.S. Scheibe. 2006. Soldier production strategy in lower termites: a simpler alternative hypothesis. Journal of Theoretical Biology 239 (1): 123–127.

Crossley, R. 1984. Fossil termite mounds associated with stone artifacts in Malawi, Central Africa. Palaeoecology of Africa 16: 397–401.

Crossley, R. 1986. Sedimentation by termites in the Malawi Rift Valley. *In* L.E. Frostik et al. (editors), Sedimentation in the African rifts: 191–199. Geological Society of London, Special Publication 25.

Crowson, R.A., W.D.I. Rolfe, J. Smart, C.D. Waterston, E.C. Willey, and R.J. Wootton. 1967. Arthropda: Chelicerata, Pycnogonida, *Palaeoisopus,* Myriapoda and Insecta. *In* W.B. Harland et al. (editors), The fossil record: a symposium with documentation: 499–534. London: Geological Society of London, xi + 827 pp.

Crozier, R.H. 2009. Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae (Case 3385; BZN 64: 83–86, 185–187, 65: 47–49, 132–136). Bulletin of Zoological Nomenclature 66 (4): 347.

Crozier, R.H., and P. Luykx. 1985. The evolution of termite eusociality is unlikely to have been based on a male-haploid analogy. American Naturalist 126 (6): 867–869.

Crozier, R.H., and P. Pamilo. 1996. Evolution of social insect colonies: sex allocation and kin selection. Oxford: Oxford University Press, viii + 306 pp.

Crozier, R.H., and H. Schluens. 2008. Genetic caste determination in termites: out of shade but not from Mars. Bioessays 30 (4): 299–302.

Cruz, H., N. Triguero, R. López, M. del C. Berrios, Y. Varela, A. Fernández, M. Betancourt, C. Sosa, and M. Valle. 2004. Lista anotada de los termites en Cuba. Fitosanidad 8: 3–8.

Cruz-Landim, C., [da], and A.M. Costa-Leonardo. 1990. Functional adaptations of the epithelium from different gut segments of *Grigiotermes bequaerti* (Isoptera, Termitidae, Apicotermitinae). Revista Brasileira de Entomologia 34 (3): 669–678.

Cruz-Landim, C., [da], and A.M. Costa-Leonardo. 1996. Ultrastructure of cell renewal in the midgut of termites. Memórias do Instituto Oswaldo Cruz, Rio de Janeiro 91 (1): 129–130.

Cuezzo, C. 2005. Citas nuevas de Isoptera para el Chaco semiárido Argentino. Revista de la Sociedad Entomológica Argentina 64 (1–2): 106–108.

Cuezzo, C., and E.M. Cancello. 2009. A new species of *Obtusitermes* (Isoptera, Termitidae, Nasutitermitinae) from South America. Zootaxa 1993: 61–68.

Cui, J., M. Bai, H. Wu, and L. Ji. 2007. Isoptera. *In* J. Cui, M. Bai, H. Wu, and L. Ji (editors), Catalogue of the insect type specimens deposited in China. Vol. 1: 18–31. Beijing: China Forestry Publishing House, 792 pp.

Curtis, A.D., and D.A. Waller. 1995. Changes in nitrogen fixation rates in termites (Isoptera: Rhinotermitidae) maintained in the laboratory. Annals of the Entomological Society of America 88 (6): 764–767.

Curtis, A.D., and D.A. Waller. 1996. The effects of decreased $pO_2$ and increased $pCO_2$ on nitrogen fixation rates in termites (Isoptera: Rhinotermitidae). Journal of Insect Physiology 42 (9): 867–872.

Czerwinski, K.[K.]. 1897. Beiträge zur Kenntnis der Termiten. Zoologischer Anzeiger 20 (533): 199–202.

Czerwinski, K.K. 1901. List and descriptions of the collections of termites (fam. Termitidae). Collections of the Zoological Cabinet of the Imperial Warsaw University 7: i–v + 1–10. [in Russian]

Czolij, R.T., and M. Slaytor. 1988. Morphology of the salivary glands of *Mastotermes darwiniensis* Froggatt (Isoptera: Mastotermitidae). International Journal of Insect Morphology and Embryology 17 (3): 207–220.

Czolij, R.[T.], M. Slaytor, P.C. Veivers, and R.W. O'Brien. 1984a. Gut morphology of the Australian termite *Mastotermes darwiniensis* [abstract]. International Congress of Entomology Proceedings 17: 121.

Czolij, R.[T.], M. Slaytor, P.C. Veivers, and R.W. O'Brien. 1984b. Gut morphology of *Mastotermes darwiniensis* Froggatt (Isoptera: Mastotermitidae). International Journal of Insect Morphology and Embryology 13 (5–6): 337–355.

Dai, H.-G., X.-Y. Li, and H.-B. Zhang. 2004. A review of the classification on termites. Entomological Knowledge 41 (1): 20–23. [in Chinese, with English title, abstract, and references]

Dai, J.-D. 1980. Induction and inhibition of caste-differentiating potentials in *Reticulitermes flaviceps* (Oshima). Acta Entomologica Sinica 23 (4): 374–380. [in Chinese, with English title, abstract, and reference list]

Dai, X.-G. 1987. Studies on the bionomics of *Macotermes* [sic] *barneyi* Light. Scientia Silvae Sinicae 23 (4): 498–502. [in Chinese, with English summary]

Dake, H.C. 1942. Worm bored woods—conifer cones, some rare petrifications. Mineralogist (Portland) 10 (1): 11.

Dammerman, K.W. 1916. On a new species of *Calotermes* (*C. tectonae*) which attacks living teak trees. Tijdschrift voor Entomologie 58 (suppl.) [1915]: 98–100.

Dammerman, K.W. 1923. The fauna of Krakatau, Verlaten Island and Sebesy. Treubia 3 (1): 61–112.

Dammerman, K.W. 1948. The fauna of Krakatau 1883–1933. Verhandelingen der Koninklijke Nederlandsche Akademie van Wetenschappen, Afdeling Natuurkunde (Tweede Sectie) 44: ix + 594.

Dangerfield, J.M. 1990. The distribution and abundance of *Cubitermes sankurensis* (Wassmann [sic]) (Isoptera; Termitidae) within a Miombo woodland site in Zimbabwe. African Journal of Ecology 28 (1): 15–20.

Dangerfield, J.M., and D.K. Mosugelo. 1997. Termite foraging on toilet roll baits in semi-arid savanna, south-east Botswana (Isoptera: Termitidae). Sociobiology 30 (2): 133–143.

Dangerfield, J.M., and G. Schuurman. 2000. Foraging by fungus-growing termites (Isoptera: Termitidae, Macrotermitinae) in the Okavango Delta, Botswana. Journal of Tropical Ecology 16: 717–731.

Dangerfield, J.M., T.S. McCarthy, and W.N. Ellery. 1998. The mound-building termite *Macrotermes michaelseni* as an ecosystem engineer. Journal of Tropical Ecology 14 (4): 507–520.

Darlington, J.P.E.C. 1977. Nest structure and distribution of the population within the nest of the termite *Macrotermes subhyalinus*. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 246–248. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Darlington, J.P.E.C. 1982a. The underground passages and storage pits used in foraging by a nest of the termite *Macrotermes michaelseni* in Kajiado, Kenya. Journal of Zoology (London) 198: 237–247.

Darlington, J.P.E.C. 1982b. Population dynamics in an African fungus-growing termite. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 54–58. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Darlington, J.P.E.C. 1984. Two types of mound built by the termite *Macrotermes subhyalinus* in Kenya. Insect Science and Its Application 5 (6): 481–492.

Darlington, J.P.E.C. 1985a. Some observations on the initiation and regulation of castes in nests of the termite *Macrotermes michaelseni* in the field. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 209–218. Oxford: Pergamon Press, xiv + 405 pp.

Darlington, J.P.E.C. 1985b. Multiple primary reproductives in the termite *Macrotermes michaelseni* (Sjöstedt). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 187–200. Oxford: Pergamon Press, xiv + 405 pp.

Darlington, J.P.E.C. 1985c. The structure of mature mounds of the termite *Macrotermes michaelseni* in Kenya. Insect Science and Its Application 6 (2): 149–156.

Darlington, J.P.E.C. 1986. Seasonality in mature nests of the termite *Macrotermes michaelseni* in Kenya. Insectes Sociaux 33 (2): 168–189.

Darlington, J.P.E.C. 1987. Primary reproductives and royal cells of the termite *Macrotermes michaelseni.* Insect Science and Its Application 8 (1): 121–128.

Darlington, J.P.E.C. 1988a. Multiple reproductives in nests of *Macrotermes herus* (Isoptera: Termitidae). Sociobiology 14 (2): 347–351.

Darlington, J.P.E.C. 1988b. Mutilation of the primary reproductives in termites of the genus *Macrotermes.* Insect Science and Its Application 9 (1): 81–83.

Darlington, J.P.E.C. 1989. Ventilation systems in termite nests in Kenya. Sociobiology 15 (2): 263–264.

Darlington, J.P.E.C. 1990. Populations in nests of the termite *Macrotermes subhyalinus* in Kenya. Insectes Sociaux 37 (2): 158–168.

Darlington, J.P.E.C. 1991. Turnover in the population within mature nests of the termite *Macrotermes michaelseni* in Kenya. Insectes Sociaux 38 (3): 251–262.

Darlington, J.P.E.C. 1992. Survey of termites of Guadeloupe, Lesser Antilles (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae). Florida Entomologist 75 (1): 104–109.

Darlington, J.P.E.C. 1994a. Mound structure and nest population of the termite, *Pseudacanthotermes spiniger* (Sjöstedt) in Kenya. Insect Science and Its Application 15 (4–5): 445–452.

Darlington, J.P.E.C. 1994b. Nutrition and evolution in fungus-growing termites. *In* J.H. Hunt and C.A. Nalepa (editors), Nourishment and evolution in insect societies: 105–130. Boulder, CO: Westview Press, xii + 449 pp.

Darlington, J.P.E.C. 1997a. Ergatoid reproductives in termites of the genus *Heterotermes* (Isoptera, Rhinotermitidae). Sociobiology 30 (1): 95–98.

Darlington, J.P.E.C. 1997b. Comparison of nest structure and caste parameters of sympatric species of *Odontotermes* (Termitidae, Macrotermitinae) in Kenya. Insectes Sociaux 44 (4): 393–408.

Darlington, J.P.E.C. 2000. Termite nests in a mound field at Kiserian, Kenya (Isoptera: Macrotermitinae). Sociobiology 36 (3): 547–554.

Darlington, J.P.E.C. 2005a. Termite nest structure and impact on the soil at the radar site, Embakasi, Kenya (Isoptera: Termitidae). Sociobiology 45 (3): 521–542.

Darlington, J.P.E.C. 2005b. Distinctive fossilised termite nests at Laetoli, Tanzania. Insectes Sociaux 52: 408–409.

Darlington, J.P.E.C. 2007. Arena nests built by termites in the Masai Mara, Kenya. Journal of East African Natural History 96 (1): 73–81.

Darlington, J.P.E.C., and R.K.N. Bagine. 1999. Large termite nests in a moundfield on the Embakasi Plain, Kenya (Isoptera: Termitidae). Sociobiology 33 (2): 215–225.

Darlington, J.P.E.C., and R.D. Dransfield. 1987. Size relationships in nest populations and mound parameters in the termite *Macrotermes michaelseni* in Kenya. Insectes Sociaux 34 (3): 165–180.

Darlington, J.P.E.C., and J.M. Ritchie. 1987. Intercastes between steriles and nymphs in *Macrotermes michaelseni* (Isoptera: Termitidae). Sociobiology 13 (2): 67–73.

Darlington, J.P.E.C., E.M. Cancello, and O.F.F. de Souza. 1992a. Ergatoid reproductives in termites of the genus *Dolichorhinotermes* (Isoptera, Rhinotermitidae). Sociobiology 20 (1): 41–47.

Darlington, J.P.E.C., P.R. Zimmerman, and S.O. Wandiga. 1992b. Populations in nests of the termite *Macrotermes jeanneli* in Kenya. Journal of Tropical Ecology 8 (1): 73–85.

Darlington, J.P.E.C., M. Leponce, and W.O. Ogutu. 1997a. Termites (Isoptera) in Kibale Forest National Park, Western Uganda. Journal of East African Natural History 86 (1–2): 51–59.

Darlington, J.P.E.C., P.R. Zimmerman, J. Greenberg, C. Westberg, and P. Bakwin. 1997b. Production of metabolic gases by nests of the termite *Macrotermes jeanneli* in Kenya. Journal of Tropical Ecology 13 (4): 491–510.

Darlington, J.P.E.C., M. Kaib, and R. Brand. 2001. Termites (Isoptera) in forest remnants and forest islands in the Shimba Hills National Reserve, Coastal Province of Kenya. Sociobiology 37 (3B): 527–538.

Darlington, J.P.E.C., R.B. Benson, C.E. Cook, and G. Walker. 2008. Resolving relationships in some African fungus-growing termites (Termitidae, Macrotermitinae) using molecular phylogeny, morphology, and field parameters. Insectes Sociaux 55: 256–265.

Da Rocha, M.M., and E.M. Cancello. 2007. Estudo taxonômico de *Cylindrotermes* Holmgren (Isoptera, Termitidae, Termitinae). Papéis Avulsos de Zoologia (São Paulo) 47 (10): 137–152.

Da Rocha, M.M., and E.M. Cancello. 2009. Revision of the Neotropical termite genus *Orthognathotermes* Holmgren (Isoptera: Termitidae: Termitinae). Zootaxa 2280: 1–26.

[Da] Rocha, M.M., E.M. Cancello, and C. Cuezzo. 2011. A new genus and species of mandibulate nasute termite (Isoptera, Termitidae, Syntermitinae) from Brazil. ZooKeys 148: 125–134.

[Da] Rocha, M.M., T.F. Carrijo, and E.M. Cancello. 2012. An illustrated key to the soldiers of *Cyranotermes* Araujo with a new species from Amazonia (Isoptera: Termitidae: Nasutitermitinae). Zootaxa 3196: 50–57.

Das, A. 2003. A catalogue of new taxa described by scientists of the Zoological Survey of India during 1916–1991. Records of the Zoological Survey of India, Occasional Paper 208: 1–530.

Da Silva, E.G., and A.G. Bandeira. 1999. Abundancia e distribução vertical de cupins (Insecta: Isoptera) em solo de Mata Atlantica, João Pessoa, Paraiba, Brasil. Revista Nordestina de Biologia 13 (1–2): 13–36.

da Silva Moura, F.M., A. Vasconcellos, V.F. Pereira de Araujo, and A.G. Bandeira. 2006a. Feeding habits of *Constrictotermes cyphergaster* (Isoptera, Termitidae) in an area of Caatinga, northeast Brazil. Sociobiology 48 (1): 21–26.

[da Silva] Moura, F.M., A. Vasconcellos, V.E.P. Araújo, and A.G. Bandeira. 2006b. Seasonality in foraging behaviour of *Constrictotermes cyphergaster* in the Caatinga of Northeastern Brazil. Insectes Sociaux 53: 472–479.

Davies, R.G. 2002. Feeding group reponses of a Neotropical termite assemblage to rain forest fragmentation. Oecologia (Berlin) 133 (2): 233–242.

Davies, R.G., L.M. Hernández, P. Eggleton, R.K. Didham, L.L. Fagan, and N.N. Winchester. 2003a. Environmental and spatial influences upon species composition of a termite assemblage across Neotropical forest islands. Journal of Tropical Ecology 19: 509–524.

Davies, R.G., P. Eggleton, D.T. Jones, F.J. Gathorne-Hardy, and L.M. Hernández. 2003b. Evolution of termite functional diversity: analysis and synthesis of local ecological and regional influences on local species richness. Journal of Biogeography 30: 847–877.

Davis, A.C. 1929. Notes on *Coptotermes bornensis* Oshima (Isoptera). A study in description of the termite soldier. Proceedings of the Royal Society of Victoria (n.s.) 42 (1): 53–61.

Davis, R.B., S.L. Baldauf, and P.J. Mayhew. 2009. Eusociality and the success of the termites: insights from a supertree of dictyopteran families. Journal of Evolutionary Biology 22: 1750–1761.

Davis, R.W., and S.T. Kamble. 1994. Low temperature effects on survival of the eastern subterranean termite (Isoptera: Rhinotermitidae). Environmental Entomology 23 (5): 1211–1214.

Davis, R.W., S.T. Kamble, and S.K. Prabhakaran. 1995. Characteristics of general esterases in workers of the Eastern subterranean termite (Isoptera: Rhinotermitidae). Journal of Economic Entomology 88 (3): 574–578.

Davison, D., J.P.E.C. Darlington, and C.E. Cook. 2001. Species-level systematics of some Kenyan termites of the genus *Odontotermes* (Termitidae, Macrotermitinae) using mitochondrial DNA, morphology, and behaviour. Insectes Sociaux 48: 138–143.

Dawes, T. 2009. Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae (Case 3385; BZN 64: 83–86, 185–187, 65: 47–49, 132–136). Bulletin of Zoological Nomenclature 66 (4): 348.

Dawes-Gromadzki, T.Z. 2003. Sampling subterranean termite species diversity and activity in tropical savannas: an assessment of different bait choices. Ecological Entomology 28: 397–404.

Dawes-Gromadzki, T.Z. 2005. The termite (Isoptera) fauna of a monsoonal rainforest near Darwin, northern Australia. Australian Journal of Entomology 44: 152–157.

Dawes-Gromadzki, T.[Z.], and A. Spain. 2003. Seasonal patterns in the activity and species richness of surface-foraging termites (Isoptera) at paper baits in a tropical Australian savanna. Journal of Tropical Ecology 19: 449–456.

Day, M.F. 1938. Preliminary observations on the gaseous environment of *Eutermes exitiosus* Hill (Isoptera). Journal of the Council for Scientific and Industrial Research (Australia) 11 (4): 317–327.

Dean, S.R., and R.E. Gold. 2004. Sex ratios and development of the reproductive system in castes of *Reticulitermes flavipes* (Kollar) (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 97 (1): 147–152.

Dean, W.R.J. 1993. Unpredictable foraging behaviour in *Microhodotermes viator* (Isoptera: Hodotermitidae): an antipredator tactic? Journal of African Zoology 107 (4): 281–285.

De Baar, M. 1988. Insects collected during a trip to Torres Strait 27 March to 10 April, 1987. Entomological Society of Queensland News Bulletin 15 (9): 107–117.

De Borre, P. 1875. Complement de la note sur des empreintes d'insectes fossiles. Annales de la Société Entomologique de Belgique 18: 56–66.

De Fine Licht, H.H., J.J. Boomsma, and D.K. Aanen. 2006. Presumptive horizontal symbiont transmission in the fungus-growing termite *Macrotermes natalensis.* Molecular Ecology 15: 3131–3138.

De Fine Licht, H.H., J.J. Boomsma, and D.K. Aanen. 2007. Asymmetric interaction specificity between two sympatric termites and their fungal symbionts. Ecological Entomology 32: 76–81.

De Geer, C. 1773. Mémoires pour servir à l'histoire des insectes. Vol. 3. Stockholm: Pierre Hesselberg, viii + 696 + [1] pp. + 44 pls.

De Geer, C. 1778. Mémoires pour servir à l'histoire des insectes. Vol. 7. Stockholm: Pierre Hesselberg, xii + 950 pp. + 49 pls.

De Geer, C. 1780. Ausländische Asterphrynganäen. *In* J.A.E. Goeze (ed. and trans.), Abhandlungen zur Geschichte der Insekten. Vol. 3: 366–368, pl. 27, figs. 4, 5. Nürnberg: Gabriel Nikolaus Raspe, 454 + [18] pp. + 44 pls.

De Geer, C. 1783a. Von den Holzläusen (*Termes*). *In* J.A.E. Goeze (ed. and trans.), Abhandlungen zur Geschichte der Insekten. Vol. 7: 20–27. Nürnberg: Gabriel Nikolaus Raspe, 275 pp. + 45 pls.

De Geer, C. 1783b. [*Termes*]. *In* A.J. Retzius (ed. and trans.), Caroli de Geer genera et species insectorum e generosissimi auctoris scriptis extraxit digessit, latine quoad partem reddidit, et terminologiam insectorum Linneanam addidit: 200. Lipsiae [Leipzig]: Cruse, 220 pp.

DeHeer, C.J., and S.T. Kamble. 2008. Colony genetic organization, fusion and inbreeding in *Reticulitermes flavipes* from the midwestern U.S. Sociobiology 51 (2): 307–325.

DeHeer, C.J., and E.L. Vargo. 2004. Colony genetic organization and colony fusion in the termite *Reticulitermes flavipes* as revealed by foraging patterns over time and space. Molecular Ecology 13: 431–441.

DeHeer, C.J., and E.L. Vargo. 2006. An indirect rest of inbreeding depression in the termites *Reticulitermes flavipes* and *Reticulitermes virginicus.* Behavioral Ecology and Sociobiology 59 (6): 753–761.

DeHeer, C.J., and E.L. Vargo. 2008. Strong mitochondrial DNA similarity but low relatedness at microsatellite loci among families within fused colonies of the termite *Reticulitermes flavipes.* Insectes Sociaux 55: 190–199.

DeHeer, C.J., M. Kutnik, E.L. Vargo, and A.-G. Bagnères. 2005. The breeding system and population structure of the termite *Reticulitermes grassei* in southwestern France. Heredity 95: 408–415.

Deitz, L.L., C. Nalepa, and K.-D. Klass. 2003. Phylogeny of the Dictyoptera re-examined (Insecta). Entomologische Abhandlungen 61 (1): 69–91.

Dejean, A., and B. Bolton. 1995. Fauna sheltered by *Procubitermes niapuensis* termitaries of the African rainforest. Journal of African Zoology 109 (5–6): 481–487.

Dejean, A., and J.E. Ruelle. 1995. Importance of *Cubitermes* termitaries as shelter for alien incipient termite societies. Insectes Sociaux 42 (2): 129–136.

Dejean, A., B. Bolton, and J.L. Durand. 1997. *Cubitermes subarquatus* termitaries as shelters for soil fauna in African rainforests. Journal of Natural History 3 (8): 1289–1302.

Delaplane, K.S. 1991. Foraging and feeding behaviors of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Sociobiology 19 (1): 101–114.

Delaplane, K.S., and J.P. La Fage. 1989a. Preference of the Formosan subterranean termite (Isoptera: Rhinotermitidae) for wood damaged by conspecifics. Journal of Economic Entomology 82 (5): 1363–1366.

Delaplane, K.S., and J.P. La Fage. 1989b. Foraging tenacity of *Reticulitermes flavipes* and *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 16 (2): 183–189.

Delaplane, K.S., A.M. Saxton, and J.P. La Fage. 1991. Foraging phenology of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in Louisiana. American Midland Naturalist 125: 222–230.

Delbecque, J.P., B. Lanzrein, C. Bordereau, H. Imboden, M. Hirn, J.D. O'Conner, C. Noirot, and M. Lüscher. 1978. Ecdysone and ecdysterone in physogastric termite queens and eggs of *Macrotermes bellicosus* and *Macrotermes subhyalinus.* General and Comparative Endocrinology 36 (1): 40–47.

Deligne, J. 1962. Observations sur la transformation de l'ouvrier en soldat chez le termite du Natal, *Bellicositermes natalensis* (Haviland). Insectes Sociaux 9 (1): 7–21.

Deligne, J. 1965. Morphologie et fonctionnement des mandibles chez las soldats des termites. Biologia Gabonica 1 (2): 179–186.

Deligne, J. 1966. Caractères adaptatifs au régime alimentaire dans la mandibule des termites (insectes isoptères). Comptes Rendus des Séances de l'Académie des Sciences, D, Sciences Naturelles 263: 1323–1325.

Deligne, J. 1967. Observations sur l'appareil mandibulaire des soldats de termites: fonctionnement défensif et histogenèse. Comptes Rendus du Ve Congrès de l'Union Internationale pour l'Étude des Insectes Sociaux (Toulouse, 5–10 Juillet 1965) 1967: 131–142.

Deligne, J. 1970. Recherches sur la transformation des jeunes en soldats dans la société des termites (insectes isoptères). D.Sc. dissertation, Université Libre de Bruxelles, Belgium.

Deligne, J. 1971a. Morphologie du tube digestif et affinités systématiques du genre *Tuberculitermes* (isoptères Termitinae). Revue de Zoologie et de Botanique Africaines 84 (1–2): 184–191.

Deligne, J. 1971b. Mécanique du comportement de combat chez les soldats de termites (insectes isoptères). Forma et Functio 4: 176–187.

Deligne, J. 1972. Recherche sur le tégument des termites à l'aide du microscope électronique à balayage. Annales de la Société Royale Zoologique de Belgique 102: 261–263. [abstract]

Deligne, J. 1973. Observation au microscope électronique à balayage d'un nouveau système glandulaire céphalic chez les termites. Proceedings of the International Union for the Study of Social Insects (University of Southampton Central Printing Unit) [paper read at VIIth International Congress, London, 10–15 September, 1973] 1973: 85–87.

Deligne, J. 1983. Description, développement et affinités de *Verrucositermes hirtus* sp. n. Fonction glandulaire des tubercules du soldat (isoptères Nasutitermitinae). Revue de Zoologie Africaine (Tervuren) 97 (3): 533–548.

Deligne, J. 1985. Apport de la micromorphologie du labre à l comprehension de la phylogenese des termites (isoptères). Actes des Colloques Insectes Sociaux 2: 35–42.

Deligne, J. 1999. Functional morphology and evolution of a carpenter's plane-like tool in the mandibles of termite workers (Insecta Isoptera). Belgian Journal of Zoology 129 (1): 201–218.

Deligne, J., and E. De Coninck. 2006. Suicidal defence through a dehiscent frontal weapon in *Apilitermes longiceps* soldiers (Isoptera: Termitidae). Belgian Journal of Entomology 8: 3–10.

Deligne, J., and J.M. Pasteels. 1963. Les termites (I). Naturalistes Belges 44 (9): 462–472.

Deligne, J., and J.M. Pasteels. 1969. Morphologie, développement, et affinités de *Labidotermes celisi* gen. nov., sp. n. (isoptères Amitermitinae du Kivu). Revue de Zoologie et de Botanique Africaines 79 (1–2): 145–164.

Deligne, J., and A. Quennedey. 1977. Morphological approach to defensive mechanisms in termites. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 299. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Deligne, J., A. Quennedey, and M.S. Blum. 1981. The enemies and defense mechanisms of termites. *In* H.R. Hermann (editor), Social insects. Vol. 2: 1–76. New York: Academic Press, 491 pp.

Delphia, C.M., K.A. Copren, and M.I. Haverty. 2003. Agonistic behavior between individual worker termites from three cuticular hydrocarbon phenotypes of *Reticulitermes* (Isoptera: Rhinotermitidae) from northern California. Annals of the Entomological Society of America 96 (4): 585–593.

Delvare, G., and H.P. Aberlene. 1989. Les insectes d'Afrique et d'Amérique tropicale. Clés pour la reconnaissance des familles. Montpellier: Centre de Cooperation Internationale Recherche Agronomique pour le Developpement, 288 pp.

de Moraes, L. de D.V., R.S. Camargo, and A.M. Costa-Leonardo. 1990. Anatomy of the digestive tube of imagoes of *Cornitermes cumulans* and *Ruptitermes* sp. (Isoptera, Termitidae). Anais de Sociedade Entomológica do Brasil 19 (1): 95–99.

Deneubourg, J.L. 1977. Application de l'ordre par fluctuations à la description de certaines étapes de la construction du nid chez les termites. Insectes Sociaux 24 (2): 117–130.

Deng, T., J. Mo, H. He, C. Pan, and J. Cheng. 2006. Differences of morphology of antennae between soldiers and workers in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 48 (3): 689–700.

Deng, T., C. Chen, M. Cheng, C. Pan, Y. Zhou, and J. Mo. 2008. Differences in cellulase activity among different castes of *Odontotermes formosanus* (Isoptera: Termitidae) and the symbiotic fungus *Termitomyces albuminosus.* Sociobiology 51 (3): 697–704.

Deng, X.-J., J.-M. Zhang, J.-F. Hu, J. Yang, Y.-Y. Hu, and Q. Zheng. 2002. Biological activity of a synthetic trail-pheromone analogue of the black-winged subterranean termite, *Odontotermes formosanus* Shiraki. Acta Entomologica Sinica 45 (6): 739–742. [in Chinese, with English title and abstract]

Denis, C. 1958. Contribution à l'étude de l'ontogenèse sensori-nerveuse du termite *Calotermes flavicollis* Fab. Insectes Sociaux 5 (2): 171–188.

Denis, J.-R., and J. Bitsch. 1973. Structure céphalique dans les ordres des insectes: ordre des isoptères. *In* P.-P. Grassé (editor), Traité de zoologie: anatomie, systématique, biologie. Vol. 8 (insectes) (1): 186–191. Paris: Masson et Cie, [8] + 799 pp.

Deoras, P.J. 1962. Some observations on the termites of Bombay. *In* UNESCO (editor), Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 101–103. Paris: UNESCO, 259 pp.

DeSalle, R., J. Gatesy, W. Wheeler, and D. Grimaldi. 1992. DNA sequences from a fossil termite in Oligo-Miocene amber and their phylogenetic implications. Science 257: 1933–1936.

DeSalle, R., M. Barcia, and C. Wray. 1993. PCR jumping in clones of 30-million-year-old DNA fragments from amber preserved termites (*Mastotermes electrodominicus*). Experientia (Basel) 49 (10): 906–909.

Deshmukh, I. 1989. How important are termites in the production ecology of African savannas? Sociobiology 15 (2): 155–169.

Desneux, J. 1902. Termites du Sahara algérien recueillis par M. le professeur Lameere. Annales de la Société Entomologique de Belgique 46 (10): 436–440.

Desneux, J. 1904a. Notes termitologiques. Annales de la Société Entomologique de Belgique 48 (3): 146–151.

Desneux, J. 1904b. Isoptera, fam. Termitidae. *In* P. Wytsman (editor), Genera insectorum. Vol. 25: 1–52, 2 pls. Bruxelles: P. Wytsman, 52 pp.

Desneux, J. 1904c. À propos de la phylogénie des Termitides. Annales de la Société Entomologique de Belgique 48 (8): 278–286.

Desneux, J. 1904d. Trois termites nouveaux. Annales de la Société Entomologique de Belgique 48 (8): 286–289.

Desneux, J. 1904e. Rémarques critiques sur la phylogénie et la division systématique des Termitides (réponse à M. Wasmann). Annales de la Société Entomologique de Belgique 48 (10): 372–378.

Desneux, J. 1904f. A new termite from India. Journal of the Bombay Natural History Society 15: 445–446.

Desneux, J. 1905. Isoptera of New Guinea collected by L. Biró. Annales Historico-Naturales Musei Nationalis Hungarici 3: 367–377.

Desneux, J. 1906a. Variétés termitologiques. Annales de la Société Entomologique de Belgique 49 (12): 336–360.

Desneux, J. 1906b. Termitidae ó comejenes. Hábitos é historia de su vida. Primer informe anual de la Estación Central Agronómica de Cuba 1 de April, 1904–30 de Junio, 1905: 393–407. Havana: La Universal de Ruiz y Hermano.

Desneux, J. 1906c. The Kashmir termite, *Termopsis wroughtoni.* Journal of the Bombay Natural History Society 17 (2): 293–298.

Desneux, J. 1908. Variétés termitologiques.–II. Annales de la Société Entomologique de Belgique 51 (12): 388–400.

Desneux, J. 1915. Troisième partie. Isoptera. *In* E. de Sélys-Longchamps (editor), Collections zoologiques du Baron Edm. de Sélys Longchamps: catalogue systématique et descriptif. Vol. 3: 1–10. Bruxelles: Hayez, 55 + 10 pp. + 5 pls.

Desneux, J. 1918. Un nouveau type de nids de termites. Revue Zoologique Africaine (Bruxelles) 5 (3): 298–312.

Desneux, J. 1923. Assemblée générale du 21 Janvier 1923. Bulletin de la Société Entomologique de Belgique 4 (13): 135–142.

Desneux, J. 1948. Les nidifications souterraines des *Apicotermes,* termites de l'Afrique tropicale. Revue de Zoologie et de Botanique Africaines 41: 1–54 + 20 pls.

Desneux, J. 1952a. Notes sur la phylogénie des nidifications des *Apicotermes.* Annales des Sciences Naturelles, Zoologie (11) 14: 393–396.

Desneux, J. 1952b. Discussion [of *Apicotermes* nests]. *In* A.E. Emerson, The supraorganismic aspects of the society [*In* Structure et physiologie des sociétés animales]: 349–350. Colloques Internationaux du Centre National de la Recherche Scientifique 34: 333–354.

Desneux, J. 1953. Les constructions hypogées des *Apicotermes*: termites de l'Afrique tropicale: étude descriptive et essai de phylogénie. Annales du Musée Royal du Congo Belge, Série in 8º, Sciences Zoologiques 17 [1952]: 1–98.

Desneux, J. 1954. Nidifications d'*Anoplotermes* du Congo Belge. Annales du Musée Royal du Congo Belge, Nouvelle Série in 4º, Sciences Zoologiques 1: 346–347.

Desneux, J. 1956a. Structures "atypiques" dans les nidifications souterraines d'*Apicotermes lamani* Sj. (Isoptera, Termitidae) mises en évidence par la radiographie. Insectes Sociaux 3 (2): 277–281 + 2 pls.

Desneux, J. 1956b. Coordination du travail collectif des ouvriers et structures "atypiques" dans les nidifications souterraines d'*Apicotermes lamani* Sj. (Isoptera, Termitidae). Revue de Zoologie et de Botanique Africaines 53 (1–2): 1–12 + 6 pls.

Desneux, J. 1956c. Le nid d'*Apicotermes rimulifex* Emerson. Revue de Zoologie et de Botanique Africaines 53 (1–2): 92–97.

Desneux, J. 1958. Les nids "jumelés" d'*Apicotermes arquieri* Gr. et Noir. (Isoptera Termitidae). Revue de Zoologie et de Botanique Africaines 58 (3–4): 281–285.

Desneux, J. 1959. Le nid à caractères primitifs d'*Apicotermes rimulifex* Emerson (Isoptera, Termitidae). Bulletin et Annales de la Société Royale d'Entomologie de Belgique 95 (9–10): 286–292.

DeSouza, O.F.F., and V. Brown. 1994. Effects of habitat fragmentation on Amazonian termite communities. Journal of Tropical Ecology 10 (2): 197–206.

DeSouza, O., and O. Miramontes. 2004. Non-asymptotic trends in the social facilitated survival of termites (Isoptera). Sociobiology 44 (3): 527–538.

DeSouza, O., L.B. Albuquerque, V.M. Tonello, L.P. Pinto, and R.R. Junior. 2003. Effects of fire on termite generic richness in a Savanna-like ecosystem ('Cerrado') of Central Brazil. Sociobiology 42 (3): 639–649.

Detling, J.K. 1988. Grasslands and savannas: regulation of energy flow and nutrient cycling by herbivores. *In* L.R. Pomeroy and J.A. Alberts (editors), Concepts of ecosystem ecology: a comparative review: 131–148. Berlin: Springer Verlag, 384 pp.

De Vos, L., and J. Deligne. 2001. Ultrastructure du 'système malpighien' de *Microcerotermes* (Insecta Isoptera). Actes des Colloques Insectes Sociaux 14: 33–37.

De Wilde, J., and J. Beetsma. 1982. The physiology of caste development in social insects. Advances in Insect Physiology 16: 167–246.

Dhanarajan, G. 1969. The termite fauna of Malaya and its economic significance. Malayan Forester 32: 274–278.

Dhanarajan, G. 1978. Cannibalism and necrophagy in a subterranean termite (*Reticulitermes lucifugus* var. *santonensis*). Malayan Nature Journal 31 (4): 237–251.

Dhennin, L. 2005. Contribution à la connaissance des termites du genre *Reticulitermes* dans les Bouches-du-Rhône (Isoptera, Rhinotermitidae). Bulletin de la Société Entomologique de France 110 (4–5): 391–397.

Dibog, L. 1998. Biodiversity and ecology of termites (Isoptera) in a humid tropical forest, southern Cameroon. Ph.D. dissertation, Imperial College, University of London, 156 pp.

Dibog, L., P. Eggleton, L. Norgrove, D.E. Bignell, and S. Hauser. 1999. Impacts of canopy cover on soil termite assemblages in an agrisilvicultural system in southern Cameroon. Bulletin of Entomological Research 89: 125–132.

Dietz, H.F. 1921. Notes on the termites of Indiana. Proceedings of the Indiana Academy of Science 30 [1920]: 87–96.

Dietz, H.F. 1924. Notes on the termites of Indiana—II. Proceedings of the Indiana Academy of Science 33 [1923]: 299–301.

Dietz, H.F., and T.E. Snyder. 1924. Biological notes on the termites of the Canal Zone and adjoining parts of the Republic of Panama (rpt. 1924). Journal of Agricultural Research 26 (7) [1923]: 279–302 + 8 pls.

Diouf, M., A. Brauman, E. Miambi, and C. Rouland-Lefèvre. 2005. Fungal communities of the foraging soil sheeting built by several fungus-growing termite species (Isoptera, Termitidae: Macrotermitinae) in a dry savanna (Thiès, Senegal). Sociobiology 45 (3): 899–914.

Dittebrand, H., and M. Kaib. 1987. Food recruitment in the ant *Myrmicaria eumenoides,* influenced by the defense of *Schedorhinotermes lamaniamus. In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, 18–22 August 1986: 414. Munich: J. Peperny, xxxv + 16 + 757 pp.

Dobson, R.J. 1918. A European termite *Reticulotermes* [sic] *lucifugus* Rossi in the vicinity of Boston. Psyche (Cambridge) 25 (5): 99–101.

Dohrn, C.A. 1884. Einleitung. *In* H.A. Hagen, Ueber Termitenschaden: 167. Stettiner Entomologische Zeitung 14: 167–172.

Doflein, F. 1906. Die pilzzüchtenden Termiten. *In* F. Doflein, Ostasienfahrt. Erlebnisse und Beobachtungen eines Naturforschers in China, Japan und Ceylon: 454–473. Leipzig: B.G. Teubner, 511 pp.

Doki, H., K. Tsunoda, and K. Nishimoto. 1984. Effect of juvenile hormone analogues on caste-differentiation of the termite, *Reticulitermes speratus* (Kolbe) (Isoptera: Rhinotermitidae). Material und Organismen 19 (3): 175–187.

Domingos, D.J. 1983. Preferência alimentar de *Armitermes euamignathus* (Isoptera, Termitidae, Nasutitermitinae) em cinco formações vegetais do cerrado. Revista Brasileira de Biologia 43 (4): 339–343.

Domingos, D.J. 1985. Densidade e distribuição espacial de ninhos de duas espécies de *Armitermes* (Isoptera, Termitidae) em cinco formações vegetais do Cerrado. Revista Brasileira de Biologia 45 (3): 233–240.

Domingos, D.J., and T.A. Gontijo. 1996. Multi-occupation of termite mounds in cerrado vegetation in south-eastern Brazil. Revista Brasileira de Biologia 56 (4): 717–723.

Dong, S.-L., L. Mao, and G. Henderson. 2009. Physical contact between soldier and worker is essential in soldier self-regulation of *Coptotermes formosanus* (Isoptera, Rhinotermitidae). Insectes Sociaux 56: 28–54.

Donovan, S.E. 2002. A morphological study of the enteric valves of the Afrotropical Apicotermitinae (Isoptera: Termitidae). Journal of Natural History 36: 1823–1840.

Donovan, S.[E.], P. Eggleton, and D.[E.] Bignell. 1998. Trophic structure in termites (Isoptera) set within a phylogenetic framework, with particular reference to soil-feeding termites. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 142. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Donovan, S.E., D.T. Jones, W.A. Sands, and P. Eggleton. 2000. Morphological phylogenetics of termites (Isoptera). Biological Journal of the Linnean Society 70: 467–513.

Donovan, S.E., P. Eggleton, and D.E. Bignell. 2001. Gut content analysis and a new feeding group classification of termites. Ecological Entomology 26 (4): 356–366.

Donovan, S.E., P. Eggleton, and A. Martin. 2002. Species composition of termites of the Nyika plateau forests, northern Malawi, over an altitudinal gradient. African Journal of Ecology 40 (4): 379–385.

Donovan, S.E., G.J.K. Griffiths, R. Homathevi, and L. Winder. 2007. The spatial pattern of soil-dwelling termites in primary and logged forest in Sabah, Malaysia. Ecological Entomology 32: 1–10.

Dorf, E. 1968. Cretaceous insects from Labrador. 1. Geologic occurrence. Psyche (Cambridge) 74 (4) [1967]: 267–269.

Dourojeanni, M.J. 1964. Apuntes bibliográficos sobre los termites (Isoptera Brullé) Peruanos. Revista Peruana de Entomología 7 (1): 75–92.

Dracott, C.H. 1919. Notes on the flying white ant and scorpions that feed on them. Journal of the Bombay Natural History Society 26 (3): 873–874.

Dronnet, S., A.G. Bagnères, T.R. Juba, and E.L. Vargo. 2004. Polymorphic microsatellite loci in the European subterranean termite, *Reticulitermes santonensis* Feytaud. Molecular Ecology Notes 4: 127–129.

Dronnet, S., M. Chapuisat, E.L. Vargo, C. Lohou, and A.G. Bagnères. 2005. Genetic analysis of the breeding system of an invasive subterranean termite, *Reticulitermes santonensis,* in urban and natural habitats. Molecular Ecology 14: 1311–1320.

Dronnet, S., C. Lohou, J.-P. Christides, and A.G. Bagnères. 2006. Cuticular hydrocarbon composition reflects genetic relationship among colonies of the introduced termite *Reticulitermes santonensis* Feytaud. Journal of Chemical Ecology 32: 1027–1042.

Du, T.-Y., C.-T. Lo, M.-L. Tang, and C.-L. Mei-Ying. 1982. On the trail-following substance of black-winged subterranean termite (*Odontotermes formosanus* [Shiraki]). Acta Entomologica Sinica 25 (2): 172–177. [in Chinese, with English summary]

Dudley, P.H. 1889a. The termites or so-called "white ants" of the Isthmus of Panama. Journal of the New York Microscopical Society 5 (2): 56–73 + 1 pl.

Dudley, P.H. 1889b. Note on *Calotermes marginipennis,* Latr. Journal of the New York Microscopical Society 5 (4): 111–113.

Dudley, P.H. 1889c. Observations on the termites or white ants of the Isthmus of Panama. Transactions of the New York Academy of Sciences 8: 85–114 + 1 pl.

Dudley, P.H. 1890a. The termites of the Isthmus of Panama. Journal of the New York Microscopical Society 6 (4): 102–110, 117–118.

Dudley, P.H. 1890b. Termites of the Isthmus of Panama.–Part II. Transactions of the New York Academy of Sciences 9: 157–180.

Duncan, F.D., and P.H. Hewitt. 1989. Observations on the foraging behaviour of the harvester termite, *Hodotermes mossambicus* (Hagen) (Isoptera: Hodotermitidae). Bulletin of Entomological Research 79 (4): 631–642.

Duncan, F.D., A. Nel, S.H. Batzofin, and P.H. Hewitt. 1990. A mathematical approach to rating food acceptance of the harvester termite, *Hodotermes mossambicus* (Isoptera: Hodotermitidae) and the evaluation of baits for its control. Bulletin of Entomological Research 80: 277–287.

Dupont, S.A., J.-C. Brackman, D. Daloze, J.M. Pasteels, and B. Tursch. 1981. Chemical composition of the frontal gland secretions from Neo-Guinean nasute termite soldiers. Bulletin des Sociétés Chimiques Belges 90: 485–499.

Durden, C.J. 1969. Pennsylvanian correlation using blattoid insects. Canadian Journal of Earth Sciences 6 (5): 1159–1177.

Duringer, P., M. Schuster, J.F. Genise, A. Likius, H.T. Mackaye, P. Vignaud, and M. Brunet. 2006. The first fossil fungus gardens of Isoptera: oldest evidence of symbiotic termite fungiculture (Miocene, Chad basin). Naturwissenschaften 93: 610–615.

Duringer, P., M. Schuster, J.F. Genise, H.T. Mackaye, P. Vignaud, and M. Brunet. 2007. New termite trace fossils: galleries, nests and fungus combs from the Chad basin of Africa (Upper Miocene-Lower Pliocene). Palaeogeography, Palaeoclimatology, Palaeoecology 251: 323–353.

Early, J.W., and R.F. Gilbert. 1993. Primary types of terrestrial and freshwater Protista, Annelida and Arthropoda in the Auckland Institute and Museum: an annotated list. Records of the Auckland Institute and Museum 30: 49–86.

Eggleton, P. 1994. Termites live in a pear-shaped world: a response to Platnick. Journal of Natural History 28: 1209–1212.

Eggleton, P. 1999. Termite species description rates and the state of termite taxonomy. Insectes Sociaux 46: 1–5.

Eggleton, P. 2000. Global patterns of termite diversity. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 25–51. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Eggleton, P. 2001. Termites and trees: a review of recent advances in termite phylogenetics. Insectes Sociaux 48: 187–193.

Eggleton, P. 2006. The termite gut habitat: its evolution and co-evolution. *In* H. König and A. Varma (editors), Intestinal microorganisms of termites and other invertebrates: 373–404. Berlin: Springer Verlag, xxiii + 483 pp.

Eggleton, P. 2010. An introduction to termites: biology, taxonomy and functional morphology. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 1–26. Dordrecht: Springer, xiv + 576 pp.

Eggleton, P., and D.E. Bignell. 1995. Monitoring the response of tropical insects to changes in the environment: troubles with termites. *In* R. Harrington and N.E. Stork (editors), Insects in a changing environment: 473–497. New York: Academic Press, xviii + [2] + 535 pp.

Eggleton, P., and D.E. Bignell. 1997. Secondary occupation of epigeal termite (Isoptera) mounds by other termites in the Mbalmayo Forest Reserve, southern Cameroon, and its biological significance. Journal of African Zoology 111 (6): 489–498.

Eggleton, P., and R.[G.] Davies. 2003. Isoptera, termites. *In* S.M. Goodman and J.P. Benstead (editors), The natural history of Madagascar: 654–660. Chicago: University of Chicago Press, xix + 1709 pp.

Eggleton, P., and I. Tayasu. 2001. Feeding groups, lifetypes and the global ecology of termites. Ecological Research 16: 941–960.

Eggleton, P., P.H. Williams, and K.J. Gaston. 1994. Explaining global termite diversity: productivity or history? Biodiversity and Conservation 3: 318–330.

Eggleton, P., D.E. Bignell, W.A. Sands, B. Waite, T.G. Wood, and J.H. Lawton. 1995. The species richness of termites (Isoptera) under differing levels of forest disturbance in the Mbalmayo Forest Reserve, southern Cameroon. Journal of Tropical Ecology 11: 85–98.

Eggleton, P., D.E. Bignell, W.A. Sands, N.A. Mawdsley, J.H. Lawton, T.G. Wood, and N.C. Bignell. 1996. The diversity, abundance, and biomass of termites under differing levels of disturbance in the Mbalmayo Forest Reserve, southern Cameroon. Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences 351: 51–68.

Eggleton, P., R. Homathevi, D. Jeeva, D.T. Jones, R.G. Davies, and M. Maryati. 1998a. The species richness and composition of termites (Isoptera) in primary and regenerating lowland dipterocarp forest in Sabah, East Malaysia. Ecotropica 3 (2) [1997]: 119–128.

Eggleton, P., S. Donovan, D. Jones, and W.A. Sands. 1998b. Morphological phylogenetics of termites. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 148. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Eggleton, P., R. Davies, M.D. Kane, and S. Kambhampati. 1999a. A checklist of termites (Isoptera) from Kaieteur National Park, Guyana. Proceedings of the Entomological Society of Washington 101 (3): 687–689.

Eggleton, P., R. Homathevi, D.T. Jones, J.A. MacDonald, D. Jeeva, D.E. Bignell, R.G. Davies, and M. Maryati. 1999b. Termite assemblages, forest disturbance and greenhouse gas fluxes in Sabah, East Malaysia. Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences 354: 1791–1802.

Eggleton, P., D.E. Bignell, S. Hauser, L. Dibog, L. Norgrove, and B. Madong. 2002a. Termite diversity across an anthropogenic disturbance gradient in the humid forest zone of West Africa. Agriculture, Ecosystems and Environment 90: 189–202.

Eggleton, P., R.G. Davies, S. Connetable, D.E. Bignell, and C. Rouland. 2002b. The termites of the Mayombe Forest Reserve, Congo (Brazzaville): transect sampling reveals an extremely high diversity of ground-nesting soil feeders. Journal of Natural History 36: 1239–1246.

Eggleton, P., G. Beccaloni, and D. Inward. 2007. Response to Lo et al. Biology Letters 3: 564–565.

Ehrhorn, E.M. 1928. [Termites in Hawaii]. Proceedings of the Hawaiian Entomological Society 7 (1): 18–20.

Ehrhorn, E.M. 1931. Termites in Hawaii. Mid-Pacific Magazine 42 (4): 330–332.

Ehrhorn, E.M. 1934. The termites of Hawaii, their economic significance and control and the distribution of termites by commerce. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 321–333. Berkeley: University of California Press, xxvii + 1 + 795 pp.

Eidmann, H. 1930. Entomologische Ergebnisse einer Reise nach Ostasien. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 79 (2–4) [1929]: 308–335.

Eisner, T., I. Kriston, and D.J. Aneshansley. 1976. Defensive behavior of a termite (*Nasutitermes exitiosus*). Behavioral Ecology and Sociobiology 1: 83–125.

El Bakri, A., N. Eldein, M.A. Kambal, R.J. Thomas, and T.G. Wood. 1989. Colony foundation and development in *Microtermes* sp. nr. *albopartitus* (Isoptera: Macrotermitinae) in Sudan. Sociobiology 15 (2): 169–173.

Eldridge, B. 1987. *Glyptotermes* studies. Royal Zoological Society of New South Wales, Entomology Section Circular 51: 25.

Eldridge, R.H. 1991. Studies on the Australian *Glyptotermes* (Isoptera: Kalotermitidae). M.Sc. thesis, University of Sydney, Australia, xii + 163 pp.

Eldridge, R.H. 1996. Revision of Australian *Glyptotermes* Froggatt (Isoptera: Kalotermitidae). Australian Journal of Entomology 35 (2): 165–176.

El-Hemaesy, A.H. 1976. A short note on the desert subterranean termite, *Amitermes desertorum* (Desneux), attacking and damaging living trees in Upper Egypt. Isoptera: Termitidae. Agricultural Research Review (Cairo) 54 (1): 193–195.

El-Hemaesy, A.H., and N.N. Abdel-Malak. 1980. On the West Indian dry wood termite, *Cryptotermes brevis* (Walker), recently introduced to Egypt (Isoptera: Kalotermitidae). Sociobiology 5 (2): 155–161.

Ella, M.O., and S.L.O. Malaka. 1977. Termite associations on the University of Ife campus. Nigerian Field 42 (2): 63–69.

Ellwood, M.D.F., D.T. Jones, and W.A. Foster. 2002. Canopy ferns in lowland diptocarp forest support a prolific abundance of ants, termites, and other invertebrates. Biotropica 34 (4): 575–583.

El-Sebay, Y. 1993. Ecological studies on the colonies of the harvester termite *Anacanthotermes ochraceus* (Burm) [sic] in Egypt. Bulletin of the Entomological Society of Egypt 71: 47–54.

El-Sherif, L.S., and A.H. Kaschef. 1974. Survey and taxonomy of the termites of Egypt. Bulletin de la Société Entomologique d'Égypte 57: 283–297.

El-Sherif, L.S., and E.A. Koura. 1995. Histology and ultrastructure of the mid-gut in the lower termite worker, *Anacanthotermes ochraceus* Burm. (Hodotermitidae, Isoptera) with notes on some intestinal Protozoa. Journal of the Egyptian German Society of Zoology 17 (E): 25–53.

Emerson, A.E. 1924. A new termite from the Juan Fernandez Islands (Swedish Expedition 1916–17). *In* C.J.F. Skottsberg (editor), The natural history of Juan Fernandez and Easter Island. Vol. 3, Part 3: 392–394. Uppsala: Almqvist and Wiksells, 289–460 pp.

Emerson, A.E. 1925. The termites of Kartabo, Bartica District, British Guiana. Zoologica (New York) 6 (4): 291–459.

Emerson, A.E. 1926. Development of a soldier of *Nasutitermes* (*Constrictotermes*) *cavifrons* (Holmgren) and its phylogenetic significance. Zoologica (New York) 7 (2): 69–100.

Emerson, A.E. 1928a. Le développement des soldats termites. Annales des Sciences Naturelles, Botanique et Zoologie (10) 11: 261–284.

Emerson, A.E. 1928b. Termites of the Belgian Congo and the Cameroon. Bulletin of the American Museum of Natural History 57 (7): 401–574 + 19 pls, 24 maps, and 79 text figures.

Emerson, A.E. 1929. Communication among termites. Transactions of the fourth international congress of entomology (Ithaca, NY) 2: 722–726.

Emerson, A.E. 1933a. Conditioned behavior among termties (Isoptera). Psyche (Cambridge) 40 (4): 125–129.

Emerson, A.E. 1933b. A revision of the genera of fossil and Recent Termopsinae (Isoptera). University of California Publications in Entomology 6 (6): 165–195.

Emerson, A.E. 1935. Termitophile distribution and quantitative characters as indicators of physiological speciation in British Guiana termites (Isoptera). Annals of the Entomological Society of America 28 (3): 369–395.

Emerson, A.E. 1936. Distribution of termites. Science 83 (2157): 410–411.

Emerson, A.E. 1937. Termite architecture. Natural History 39 (4): 241–248.

Emerson, A.E. 1938. Termite nests—A study of the phylogeny of behavior. Ecological Monographs 8 (2): 247–284.

Emerson, A.E. 1939a. Social coordination and the Superorganism. American Midland Naturalist 21 (1): 182–209.

Emerson, A.E. 1939b. Report on two cases of introduction of *Coptotermes.* Review of Applied Entomology (A) 27 (7): 384.

Emerson, A.E. 1941. [Phylogeny of the termites]. Journal of the New York Entomological Society 44: 115.

Emerson, A.E. 1942. The relations of a relict South African termite (Isoptera: Hodotermitidae, *Stolotermes*). American Museum Novitates 1187: 1–12.

Emerson, A.E. 1943. *Kalotermes milleri,* a new species of termite from the Florida Keys and Jamaica (Isoptera, Kalotermitidae). Psyche (Cambridge) 50 (1–2): 18–22.

Emerson, A.E. 1945. The Neotropical genus *Syntermes* (Isoptera: Termitidae). Bulletin of the American Museum of Natural History 83 (7): 427–471.

Emerson, A.E. 1947. The imago of *Stolotermes africanus* Emerson. Journal of the Entomological Society of Southern Africa 9: 127–129.

Emerson, A.E. 1949a. On *Proglyptotermes* gen. nov. *In* H. Kirby, Devescovinid flagellates of termites. V. The genus *Hyperdevescovinia,* the genus *Bullanympha* and undescribed or unrecorded species: 320–321. University of California Publications in Zoölogy 45 (5): 319–422 + 18 pls.

Emerson, A.E. 1949b. *Schedorhinotermes holmgreni* sp. nov. *In* T.E. Snyder, Catalog of the termites of the world: 90. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949c. *Speculitermes proratus,* n. sp. *In* T.E. Snyder, Catalog of the termites of the world: 110. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949d. *Cylindrotermes parvignathus* Emerson, n. sp. *In* T.E. Snyder, Catalog of the termites of the world: 112. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949e. *Termes medioculatus* Emerson n. sp. *In* T.E. Snyder, Catalog of the termites of the world: 183. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949f. *Odontotermes* (*Odontotermes*) *nilensis* Emerson, n. sp. *In* T.E. Snyder, Catalog of the termites of the world: 234. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949g. *Cornitermes* (*Labiotermes*) *boreus. In* T.E. Snyder, Catalog of the termites of the world: 334. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949h. *Armitermes silvestriii* sp. nov. *In* T.E. Snyder, Catalog of the termites of the world: 337. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949i. *Convexitermes nigricornis,* subsp. *junceus* Emerson, n. subsp. *In* T.E. Snyder, Catalog of the termites of the world: 343. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949j. Descriptions of new genera. *In* T.E. Snyder, Catalog of the termites of the world: 374–377. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Emerson, A.E. 1949k. *Orthognathotermes aduncus* n. sp. *In* T.E. Snyder, Catalog of the termites of the world: 176. Smithsonian Miscellaneous Collections 112 (3953): 1–490.
Emerson, A.E. 1949l. Evolution of interspecies integration and the ecosystem. *In* W.C. Allee, O. Park, A.E. Emerson, T. Park, and K.P. Schmidt, Principles of animal ecology: 695–729. Philadelphia: W.B. Saunders Company, 837 pp.
Emerson, A.E. 1950. Five new genera of termites from South America and Madagascar (Isoptera, Rhinotermitidae, Termitidae). American Museum Novitates 1444: 1–15.
Emerson, A.E. 1951. Termite studies in the Belgian Congo. Deuxième rapport annuel (1949) de Institut Recherche Scientifique Afrique Centrale (Bruxelles) 1951: 149–159 + 4 pls.
Emerson, A.E. 1952a. The biogeography of termites. Bulletin of the American Museum of Natural History 99 (3): 217–225.
Emerson, A.E. 1952b. The Neotropical genera *Procornitermes* and *Cornitermes* (Isoptera, Termitidae). Bulletin of the American Museum of Natural History 99 (8): 475–539.
Emerson, A.E. 1952c. The supraorganismic aspects of the society. *In* Structure et physiologie des sociétés animales. Colloques Internationaux du Centre National de la Recherche Scientifique 34: 333–354.
Emerson, A.E. 1953. The African genus *Apicotermes* (Isoptera, Termitidae). Annales du Musée Royal du Congo Belge, Série in 8º, Sciences Zoologiques 17 [1952]: [4] + 101–121.
Emerson, A.E. 1954a. The relation of systematics to other fields. Ecology 35: 102–103.
Emerson, A.E. 1954b. Dynamic homeostasis: a unifying principle in organic, social, and ethical evolution. Scientific Monthly 78: 67–85.
Emerson, A.E. 1955. Geographical origins and dispersions of termite genera. Fieldiana: Zoology 37: 465–521.
Emerson, A.E. 1956a. *Apicotermes gurgulifex. In* H. Weidner, Beiträge zur Kenntnis der Termiten Angolas, hauptsächlich auf Grund der Sammlungen und Beobachtungen von A. de Barros Machado (I. Beitrag): 98. Publicações Culturais da Companhia de Diamantes de Angola 29: 55–106.
Emerson, A.E. 1956b. Ethospecies, ethotypes, taxonomy, and evolution of *Apicotermes* and *Allognathotermes* (Isoptera, Termitidae). American Museum Novitates 1771: 1–31.
Emerson, A.E. 1956c. A new species of *Apicotermes* from Katanga. Revue de Zoologie et de Botanique Africaines 53 (1–2): 98–101.
Emerson, A.E. 1958. The termite problem. *In* E.M. Weyer (editor), Illustrated library of the natural sciences. Vol. 4: 2798–2807. New York: Simon and Schuster, xvii + 3042 pp.
Emerson, A.E. 1959. The African termite genera *Firmitermes, Hoplognathotermes, Acutidentitermes, Duplidentitermes,* and *Heimitermes* (Termitidae, Termitinae). American Museum Novitates 1947: 1–42.
Emerson, A.E. 1960a. New genera of termites related to *Subulitermes* from the Oriental, Malagasy, and Australian regions (Isoptera, Termitidae, Nasutitermitinae). American Museum Novitates 1986: 1–28.
Emerson, A.E. 1960b. New genera on the *Subulitermes* branch of the Nasutitermitinae from the Ethiopian region (Isoptera, Termitidae). American Museum Novitates 1987: 1–21.
Emerson, A.E. 1960c. Six new genera of Termitinae from the Belgian Congo (Isoptera, Termitidae). American Museum Novitates 1988: 1–49.
Emerson, A.E. 1961. Vestigial characters of termites and processes of regressive evolution. Evolution 15 (2): 115–131.
Emerson, A.E. 1962. Vestigial characters, regressive evolution and recapitulation among termites. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 17–30. Paris: UNESCO, 259 pp.
Emerson, A.E. 1965. A review of the Mastotermitidae (Isoptera), including a new fossil genus from Brazil. American Museum Novitates 2236: 1–46.
Emerson, A.E. 1968a. Cretaceous insects from Labrador 3. A new genus and species of termite (Isoptera: Hodotermitidae). Psyche (Cambridge) 74 (4) [1967]: 276–289.
Emerson, A.E. 1968b. A revision of the fossil genus *Ulmeriella* (Isoptera, Hodotermitidae, Hodotermitinae). American Museum Novitates 2332: 1–22.
Emerson, A.E. 1969. A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). American Museum Novitates 2359: 1–57.
Emerson, A.E. 1971. Tertiary fossil species of the Rhinotermitidae (Isoptera), phylogeny of genera, and reciprocal phylogeny of associated Flagellata (Protozoa) and the Staphylinidae (Coleoptera). Bulletin of the American Museum of Natural History 146 (3): 243–303.

Emerson, A.E., and F.A. Banks. 1957. Five new species and one redescription of the Neotropical genus *Armitermes* Wasmann (Isoptera, Termitidae, Nasutitermitinae). American Museum Novitates 1841: 1–17.

Emerson, A.E., and F.A. Banks. 1965. The Neotropical genus *Labiotermes* (Holmgren): its phylogeny, distribution, and ecology (Isoptera, Termitidae, Nasutitermitinae). American Museum Novitates 2208: 1–33.

Emerson, A.E., and K. Krishna. 1975. The termite family Serritermitidae (Isoptera). American Museum Novitates 2570: 1–31.

Emerson, A.E., and E.M. Miller. 1943. A key to the termites of Florida. Entomological News 54 (8): 184–187.

Emerson, A.E., and E.M. Miller. 1944. A key to the termites of Florida. Proceedings of the Florida Academy of Sciences 6 (3–4) [1943]: 108–109.

Enderlein, G. 1903. Über die Morphologie, Gruppierung und systematische Stellung der Corrodentien. Zoologischer Anzeiger 26 (698–699): 423–437.

Enderlein, G. 1909. Die Klassifikation der Embiidinen nebst morphologischen und physiologischen Bemerkungen, besonders über das Spinnen derselben. Zoologischer Anzeiger 35 (6): 166–192.

Engel, M.S. 2004. Arthropods in Mexican amber. *In* J.L. Bousquets, J.J. Morrone, O. Yáñez-Ordóñez, and I.V. Fernández (editors), Biodiversidad, taxonomía y biogeografía de artrópodos de México: hacia una síntesis de su conocimiento. Vol. 4: 175–186. México D.F.: Universidad Nacional Autónoma de México, vii + [2] + 790 + [4] pp.

Engel, M.S. 2008. Two new termites in Baltic amber (Isoptera). Journal of the Kansas Entomological Society 81 (3): 194–203.

Engel, M.S. 2011. Family-group names for termites (Isoptera), redux. ZooKeys 148: 171–184.

Engel, M.S., and X. Delclòs. 2010. Primitive termites in Cretaceous amber from Spain and Canada (Isoptera). Journal of the Kansas Entomological Society 83 (2): 111–128.

Engel, M.S., and M. Gross. 2008. The Pannonian insect fauna of Styria: a preliminary overview. Austrian Journal of Earth Sciences 101: 52–59.

Engel, M.S., and M. Gross. 2009. A giant termite from the Late Miocene of Styria, Austria (Isoptera). Naturwissenschaften 96: 289–295.

Engel, M.S., and K. Krishna. 2001a. Case 3164. *Kalotermes* Hagen, 1853 (Insecta, Isoptera): proposed designation of *Termes flavicollis* Fabricius, 1793 as the type species. Bulletin of Zoological Nomenclature 58 (2): 100–104.

Engel, M.S., and K. Krishna. 2001b. Case 3155. Macrotermitinae Kemner, 1934 (Insecta, Isoptera): proposed precedence over Acanthotermitinae Sjöstedt, 1926. Bulletin of Zoological Nomenclature 58 (3): 206–209.

Engel, M.S., and K. Krishna. 2002. Case 3181. *Cryptotermes dudleyi* Banks, 1918 (Insecta, Isoptera): proposed precedence over *Calotermes* (*Cryptotermes*) *jacobsoni* Holmgren, 1913. Bulletin of Zoological Nomenclature 59 (2): 90–92.

Engel, M.S., and K. Krishna. 2004a. Family-group names for termites (Isoptera). American Museum Novitates 3432: 1–9.

Engel, M.S., and K. Krishna. 2004b. Comment on the proposed conservation of prevailing usage of Termopsidae Holmgren, 1911, *Termopsis* Heer, 1849 and *Miotermes* Rosen, 1913 (Insecta, Isoptera). Bulletin of Zoological Nomenclature 61 (3): 169–170.

Engel, M.S., and K. Krishna. 2005a. Case 3292. *Nasutitermes* Dudley, 1890, *Microcerotermes* Silvestri, 1901 and Nasutitermitinae Hare, 1937 (Insecta, Isoptera): proposed conservation. Bulletin of Zoological Nomenclature 62 (1): 8–13.

Engel, M.S., and K. Krishna. 2005b. Comment on the proposed suppression of *Eutermes* Heer, 1849 to conserve the generic names *Nasutitermes* Dudley, 1890 and *Microcerotermes* Silvestri, 1901, and on the proposed designation of *Eutermes costalis* Holmgren, 1910 as type species of *Nasutitermes* Dudley, 1890 (Insecta, Isoptera). Bulletin of Zoological Nomenclature 62 (4): 240.

Engel, M.S., and K. Krishna. 2005c. An overlooked family-group name for termites (Isoptera). Entomological News 115 (3) [2004]: 168.

Engel, M.S., and K. Krishna. 2007a. Two overlooked family-group names for fossil termites (Isoptera: Mastotermitidae). Entomological News 118 (1): 105–106.

Engel, M.S., and K. Krishna. 2007b. Case 3412. *Reticulitermes* Holmgren, 1913 (Insecta, Isoptera): proposed precedence over *Maresa* Giebel, 1856. Bulletin of Zoological Nomenclature 64 (4): 230–234.

Engel, M.S., and K. Krishna. 2007c. New *Dolichorhinotermes* from Ecuador and in Mexican amber (Isoptera: Rhinotermitidae). American Museum Novitates 3592: 1–8.

Engel, M.S., and K. Krishna. 2007d. Drywood termites in Dominican amber (Isoptera: Kalotermitidae). Beiträge zur Entomologie (Berlin) 57 (2): 263–275.

Engel, M.S., and D. Ren. 2003. A new name for *Mesotermes* Ren, a genus of Cretaceous termites (Isoptera: Termopsidae). Journal of the Kansas Entomological Society 76 (3): 536.

Engel, M.S., K. Krishna, and C. Boyko. 2003. Case 3244. Termopsidae Holmgren, 1911, *Termopsis* Heer, 1849 and *Miotermes* Rosen, 1913 (Insecta, Isoptera): proposed conservation of prevailing usage by the designation of *Termopsis bremii* Heer as the type species of *Termopsis*. Bulletin of Zoological Nomenclature 60 (2): 119–123.

Engel, M.S., D.A. Grimaldi, and K. Krishna. 2007a. Primitive termites from the Early Cretaceous of Asia (Isoptera). Stuttgarter Beiträge zur Naturkunde, Serie B, Geologie und Paläontologie 371: 1–32.

Engel, M.S., D.A. Grimaldi, and K. Krishna. 2007b. A synopsis of Baltic amber termites (Isoptera). Stuttgarter Beiträge zur Naturkunde, Serie B, Geologie und Paläontologie 372: 1–20.

Engel, M.S., D.A. Grimaldi, and K. Krishna. 2009. Termites (Isoptera): their phylogeny, classification, and rise to ecological dominance. American Museum Novitates 3650: 1–27.

Engel, M.S., D.A. Grimaldi, P.C. Nascimbine, and H. Singh. 2011a. The termites of Early Eocene Cambay amber, with the earliest record of the Termitidae (Isoptera). ZooKeys 148: 105–123.

Engel, M.S., A. Nel, D. Azar, C. Soriano, P. Tafforeau, D. Néraudeau, J.-P. Colin, and V. Perrichot. 2011b. New, primitive termites (Isoptera) from Early Cretaceous ambers of France and Lebanon. Palaeodiversity 4: 39–49.

Engel, M.S., A.D. Pan, and B.F. Jacobs. In press. A termite from the late Oligocene of northern Ethiopia. Acta Palaeontologica Polonica. [doi: http://dx.doi.org/10.4202/app.2011.0198]

Ensaf, A., and J.-M. Betsch. 2002. *Dolichorhinotermes neli* n. sp., nouvelle espèce pour la science, et *Cornicapritermes mucronatus,* Emerson, 1950, nouvelle espèce de termite pour la Guyane française (Isopt., Rhinotermitidae et Termitidae). Bulletin de la Société Entomologique de France 107 (4): 346–348.

Ensaf, A., and P. Eggleton. 2004. The identification of twenty species of the genus *Nasutitermes* (Isoptera: Termitidae) from French Guiana and the new morphological characters. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 77 (3–4): 311–332.

Ensaf, A., and A. Nel. 2002. *Velocitermes betschi* n. sp., a new species of termite from French Guyana (Isoptera, Termitidae, Nasutitermitinae). Bulletin de la Société Entomologique de France 107 (2): 135–139.

Ensaf, A., J.-M. Bet[s]ch, and A. Nel. 2001a. *Cornitermes pugnax* Emerson, nouvelle espèce de termite pour la Guyane française (Isopt., Termitidae, Nasutitermitinae). Bulletin de la Société Entomologique de France 106 (3): 240.

Ensaf, A., J.-M. Bet[s]ch, and A. Nel. 2001b. *Cylindrotermes parvignathus* Emerson, nouvelle espèce de termite pour Guyana française (Isopt., Termitidae, Amitermitinae). Bulletin de la Société Entomologique de France 106 (4): 427–428.

Ensaf, A., A. Nel, and J.-M. Betsch. 2002a. *Constrictotermes cacaoensis* n. sp., nouvelle espèce de termite et *C. cavifrons* (Holmgren, 1910), espèce nouvelle pour la Guyane française (Isoptera, Termitidae, Nasutitermitinae). Bulletin de la Société Entomologique de France 107 (1): 57–59.

Ensaf, A., J.-M. Betsch, and A. Nel. 2002b. *Coptotermes marabitanas* (Hagen, 1858), nouvelle espèce de termite pour la Guyane française (Isopt., Rhinotermitidae, Coptotermitinae). Bulletin de la Société Entomologique de France 107 (2): 139–140.

Ensaf, A., A. Nel, and J.-M. Betsch. 2002c. *Rhinotermes nasutus* (Perty, 1833), nouvelle espèce pour la Guyane Française [Isoptera, Rhinotermitidae]. Revue Française d'Entomologie (Nouvelle Série) 24 (3): 137–138.

Ensaf, A., Y. Ponchel, and A. Nel. 2003a. *Rounditermes dechambrei,* new genus and species of Nasutitermitinae from French Guiana (Isopt., Termitidae). Bulletin de la Société Entomologique de France 108 (1): 53–54.

Ensaf, A., R.E. Garrouste, J.-M. Betsch, and A. Nel. 2003b. Cinq termites nouveaux pour la Guyane Française (Isoptera, Rhinotermitidae et Termitidae). Bulletin de la Société Entomologique de France 108 (5): 477–484.

Ensaf, A., J.-M. Betsch, and A. Nel. 2003c. First record of *Diversitermes diversimiles* (Silvestri, 1901) from French Guiana (Isoptera: Termitidae, Nasutitermitinae). Annales de la Société Entomologique de France (n.s.) 39 (3): 235–237.

Ensaf, A., J.-M. Betsch, R.E. Garrouste, and A. Nel. 2003d. New data on *Nasutitermes* from French Guiana (Isoptera: Termitidae: Nasutitermitinae). Annales de la Société Entomologique de France (n.s.) 39 (3): 239–245.

Ensaf, A., A. Nel, and R.[E.] Garrouste. 2003e. Discovery of a subfossil termite of the genus *Coptotermes* in French Guiana (Isoptera, Rhinotermitidae, Coptotermitinae). Bulletin de la Société Entomologique Suisse 76: 245–248.

Ensaf, A., R.E. Garrouste, J.-M. Betsch, and A. Nel. 2004. *Dolichorhinotermes longilabius* (Emerson, 1925), new species for French Guiana, with a preliminary list of the termites in French Guiana. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 77 (3–4): 277–288.

Ensaf, A., P. Bourée, and P. Callard. 2006. Potentialités de *Termitaria coronata* Thaxter, 1920 (Deutéromycètes, Termitariales) pour la lutte biologique contre les termites (Isoptera). Bulletin de la Société Entomologique de France 111 (1): 43–49.

Ergashev, N., and K. Saliev. 1995. Distribution of termite *Anacanthotermes turkestanicus* Jak. [sic] in Ferghana Valley. Doklady Akademii Nauk Respubliki Uzbekistan 11 [1994]: 47–49. [in Uzbek, with English and Russian summaries]

Erhart, H. 1951. Sur le rôle des cuirasses termitiques dans la géographie des régions tropicales. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 233 (17): 966–968.

Erhart, H. 1953. Sur les cuirasses termitiques fossiles dans la Vallée du Niari et dans le Massif du Chaillu. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 237 (6): 431–433.

Erichson, W.F. 1848. Insecten. Versuch einer Fauna und Flora von British-Guiana. *In* R. Schomburgk (editor), Reisen in Britisch-Guiana in den Jahren 1840–1844. Im Aurtrag Sr. Mäjestat des Königs von Preussen nebst einer Fauna und Flora Guiana's nach Vorlagen von Johannes Müller, Ehrenberg, Erichson, Klotzsch, Troschel, Cabanis und Andern. Vol. 3: 553–617. Leipzig: J.J. Weber, viii + 533–1260 pp.

Ernst, E. 1959. Beobachtungen beim Spritzakt der *Nasutitermes* Soldaten. Revue Suisse de Zoologie 66 (13): 289–295.

Ernst, E. 1960. Fremde Termitenkolonien in *Cubitermes*-Nestern. Revue Suisse de Zoologie 67 (8): 201–206.

Ernst, E. 1963. Zur Systematik und Biologie von *Pseudacanthotermes* in Tanganyika. Symposia Genetica et Biologica Italica 11: 276–279.

Ernst, E. 1964a. Bemerkungen zu den Soldaten von *Acanthotermes acanthothorax* Sjöst. (Isoptera). Revue Suisse de Zoologie 71 (3): 569–576.

Ernst, E. 1964b. Über die Funde von *Pseudacanthotermes* in Tanganyika (Isoptera: Termitidae). Acta Tropica 21 (2): 173–178.

Ernst, E. 1969. Ordnung Termiten. *In* B. Grzimek (editor), Grzimeks Tierleben: Enzyklopädie des Tierreiches. Vol. 2: 124–152. Zürich: Kindler Verlag, 627 pp.

Ernst, E., and B. van Toledo. 1975. The development of the sternal gland during caste differentiation in the termite *Trinervitermes bettonianus* (Isoptera: Termitidae). *In* C. Noirot, P.E. Howse, and G. Le Masne (editors), Pheromones and defensive secretions in social insects: proceedings of a symposium held on 18th, 19th and 20th September, 1975 at the University of Dijon: 213–217. Dijon: French Section of the IUSSI, vii + 248 pp.

Ernst, E., R.L. Araujo et al. 1986. A bibliography of termite literature, 1966–1978. New York: Wiley, [6] + 903 pp.

Esaki, T. 1937. The large termite, *Zootermopsis angusticollis* (Hagen) introduced from Oregon, U.S.A., to Japan. Kontyû 11 (5): 344–346. [in Japanese, with English title]

Esaki, T. 1956. Notes on *Hodotermopsis japonica* Holmgren (Isoptera: Hodotermitidae). Bulletin of the National Science Museum (Tokyo) 3 (2): 86–89.

Esaki, T., E.H. Bryan, Jr., and J.L. Gressitt. 1955. Insects of Micronesia: bibliography. Insects of Micronesia 2: 1–68.

Escherich, K. 1908. Kleinere biologische Beobachtungen aus Erythraea. Verhandlungen der Gesellschaft Deutscher Naturforscher und Ärzte 79 (2): 247–248.

Escherich, K. 1909. Die Termiten oder weissen Ameisen. Leipzig: Werner Klinkhardt, xii + 198 pp.

Escherich, K. 1911. Termitenleben auf Ceylon: neue Studien zur Soziologie der Tiere zugleich ein Kapitel kolonialer Forstentomologie. Mit einem systematischen Anhang mit Beiträgen von A. Forel, Nils Holmgren, W. Michaelsen, F. Schimmer, F. Silvestri, und E. Wasmann. Jena, Germany: Gustav Fischer, xxxii + 263 pp. + 3 pls.

Escherich, K. 1912. Von der Baukunst der Termiten. Biologisches Centralblatt 32: 211–213.

Esenther, G.R. 1969. Termites in Wisconsin. Annals of the Entomological Society of America 62 (6): 1274–1284.

Esenther, G.R., and D.E. Gray. 1968. Subterranean termite studies in southern Ontario. Canadian Entomologist 100 (8): 827–834.

Esmaeili, M., and R. Ghayourfar. 1992. An investigation o[f] the termite fauna of Iran. Proceedings 19th International Congress of Entomology, Beijing 1992: 243. [abstract]

Espíndola, V.E., M.C. Godoy, and E.A. Porcel. 2000. Comportamiento agonistico de especies de obreras de las subfamilias Nasutitermitinae y Apicotermitinae (Insecta: Isoptera, Termitidae). FACENA, Serie Ciencias Naturales 16: 61–70.

Eutick, M.L., P. Veivers, R.W. O'Brien, and M. Slaytor. 1978. Dependence of the higher termite, *Nasutitermes exitiosus* and the lower termite, *Coptotermes lacteus* on their gut flora. Journal of Insect Physiology 24: 363–368.

Evans, D.A., R. Baker, P.H. Briner, and P.G. McDowell. 1977. Defensive secretions of some African termites. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 46–47. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Evans, D.A., R. Baker, and P.E. Howse. 1979. The chemical ecology of termite defence behaviour. *In* F.J. Ritter (editor), Chemical ecology: odour communication in animals: 213–224. Amsterdam: Elsevier/North-Holland Biomedical Press, xiv + 427 pp.

Evans, T.A. 1997. Evaluation of markers for Australian subterranean termites (Isoptera: Rhinotermitidae and Termitidae). Sociobiology 29 (3): 277–292.

Evans, T.A. 2002. Tunnel specificity and forager movement in subterranean termites (Isoptera: Rhinotermitidae and Termitidae). Bulletin of Entomological Research 92: 193–201.

Evans, T.A. 2003. The influence of soil heterogeneity on exploratory tunnelling by the subterranean termite *Coptotermes frenchi* (Isoptera: Rhinotermitidae). Bulletin of Entomological Research 93: 413–423.

Evans, T.A. 2004. Comparing mark-recapture and constant removal protocols for estimating forager population size of the subterranean termite *Coptotermes lacteus* (Isoptera: Rhinotermitidae). Bulletin of Entomological Research 94: 1–9.

Evans, T.A. 2006. Foraging and building in subterranean termites: task switchers or reserve labourers? Insectes Sociaux 53: 56–64.

Evans, T.A. 2009. Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae (Case 3385; BZN 64: 83–86, 185–187, 65: 47–49, 132–136). Bulletin of Zoological Nomenclature 66 (4): 342–346.

Evans, T.A. 2010. Invasive termites. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 519–562. Dordrecht: Springer, xiv + 576 pp.

Evans, T.A., and P.V. Gleeson. 2001. Seasonal and daily activity patterns of subterranean, wood-eating termite foragers. Australian Journal of Zoology 49: 311–321.

Evans, T.A., M. Lenz, and P.V. Gleeson. 1999. Estimating population size and forager movement in a tropical subterranean termite (Isoptera: Rhinotermitidae). Environmental Entomology 28 (5): 823–830.

Evans, T.A., R. Inta, J.C.S. Lai, and M. Lenz. 2007. Foraging vibration signals attract foragers and identify food size in the drywood termite, *Cryptotermes secundus.* Insectes Sociaux 54: 374–382.

Everaerts, C., J.M. Pasteels, Y. Roisin, and O. Bonnard. 1988a. The monoterpenoid fraction of the defensive secretion in Nasutitermitinae from Papua New Guinea. Biochemical Systematics and Ecology 16 (4): 437–444.

Everaerts, C., J.M. Pasteels, Y. Roisin, and O. Bonnard. 1988b. Variations intra- et interspecifiques des secretions defensives de divers *Nasutitermes* de Nouvelle-Guinée. Actes des Colloques Insectes Sociaux 4: 43–50.

Everaerts, C., O. Bonnard, J.M. Pasteels, Y. Roisin, and W.A. König. 1990. ( + )-alpha-pinene in the defensive secretion of *Nasutitermes princeps* (Isoptera, Termitidae). Experientia (Basel) 46: 227–228.

Everaerts, C., Y. Roisin, J.-L. Le Quéré, O. Bonnard, and J.M. Pasteels. 1993. Sesquiterpenes in the frontal gland secretions of nasute soldier termites from New Guinea. Journal of Chemical Ecology 19 (12): 2865–2879.

Ewart, D.M., and J.R.J. French. 1992. Ecology of the forest termite *Coptotermes lacteus.* Proceedings 19th International Congress of Entomology, Beijing 1992: 243. [abstract]

Fabricius, J.C. 1775a. Nähere Bestimmung des Geschlechts der weissen Ameise. Beschäftigungen der Berlinischen Gesellschaft Naturforschender Freunde 1: 177–180.

Fabricius, J.C. 1775b. Systema entomologiae, sistens insectorum: classes, ordines, genera, species, adjectis: synonymis, locis, descriptionibus, observationibus. Lipsiae [Leipzig]: Officina Libraria Kortii, 29 + 832 pp.

Fabricius, J.C. 1777. Genera insectorum: corumque characteres naturales secundum numerum, figurum, situm et proportionem, omnium partium oris adiecta mantissa specierum nuper detectarum. Chilonii [Kiel], Germany: Mich. Friede. Bartschii, [16] + 310 pp.

Fabricius, J.C. 1781. Species insectorum. Exhibentes eorum differentias specificas, synonyma, auctorum, loca natalia, metamorphosin. adjectis: observationibus, descriptionibus. Vol. 1. Hamburgi [Hamburg]: Carol. Ernest. Bohnii, 552 pp.

Fabricius, J.C. 1787. Mantissa insectorum. Sistens eorum species nuper detectus. Adjectis: characteribus genericis, differentiis specificis, emendationibus, observationibus. Vol. 1. Hafniae [Copenhagen]: Christ. Gottl. Proft, 348 pp.

Fabricius, J.C. 1793. Entomologia systematica emendata et aucta. Secundum: classes, ordines, genera, species. adjectis: synonimis, locis, observationibus, descriptionibus. Vol. 2. Hafniae [Copenhagen]: Christ. Gottl. Proft, viii + 519 pp.

Fan, S.-D. 1983. A new genus and three new species of Nasutitermitinae (Isoptera) from Jiangxi Province, China. Contributions from Shanghai Institute of Entomology 3 [1982]: 205–212. [in Chinese, with English summary]

Fan, S.-D. 1985. A new species of the genus *Odontotermes* (Isoptera: Macrotermitinae) from the Hainan Island, China. Contributions from Shanghai Institute of Entomology 5: 251–258. [in Chinese, with English summary]

Fan, S.-D. 1988. A new species of the genus *Odontotermes* from Zhejiang, China (Isoptera: Termitidae). Contributions from Shanghai Institute of Entomology 7 [1987]: 165–168. [in Chinese, with English summary]

Fan, S.-D. 1992. Identification of soil animals. 10. Arthropoda 7. Insecta. 3. Isoptera. *In* W. Yin et al. (editors), Subtropical Soil Animals of China: 505–518. Beijing: Science Press, xii + 618 pp. [in Chinese, with English titles]

Fan, S.-D., and X.-F. Pen. 1988. A record on the termite (*Glyptotermes*) attacking buildings. Contributions from Shanghai Institute of Entomology 6 [1986]: 271–272. [in Chinese, with English title]

Fan, S.-D., and K.-L. Xia. 1980. On the genus *Glyptotermes* (Isoptera: Kalotermitidae) from China, with descriptions of three new species. Contributions from Shanghai Institute of Entomology 1: 163–171. [in Chinese, with English summary]

Fan, S.-D., and K.-L. Xia. 1981. A new *Stylotermes* (Isoptera: Rhinotermitidae) from western Fujian, China. Contributions from Shanghai Institute of Entomology 2: 205–208. [in Chinese, with English summary]

Faragalla, A.A. 1983. Termite problems in the Saudi Arabian ecosystem. Sociobiology 8 (2): 119–125.

Faragalla, A.A. 2002. Ecozoogeography of termites (Isoptera) in Saudi Arabia. Sociobiology 39 (2): 195–212.

Faragalla, A.A., and K.M.S. Al-Ghamdi. 1999. Monitoring field populations of the harvester termite *Anacanthotermes ochraceus* (Burmeister) in two locations in western Saudi Arabia. Sociobiology 34 (3): 419–427.

Farhat, A., and Q.J. Iqbal. 1976. Environmental factors controlling the secretion and effectiveness of sex pheromones in termite *Microcerotermes heimi.* Pakistan Journal of Zoology 8 (2): 215–220.

Farhat, A., and Q.J. Iqbal. 1979. Extraction and biological evaluation of the alarm pheromone of the termite, *Odontotermes obesus.* Biologia (Lahore) 25 (1–2): 35–36.

Farhat, A., and Q.J. Iqbal. 1981. Chemical studies on trail pheromone of the termite, *Odontotermes obesus.* Biologia (Lahore) 27 (2): 251–256.

Faucheux, M.J. 1984. Morphologie de l'antenne de l'imago femelle de *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 6 (1): 9–19.

Faucheux, M.J. 1992. Nouveaux types d'organes sensoriels sur l'antenne du termite *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 14 (3): 81–84.

Faucheux, M.J. 1993. Glandes exocrines tibiales, tarsiennes et abdominales du termite de Saintonge, *Reticulitermes santonensis* Feytaud (Isoptera: Rhinotermitidae). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 15 (4): 196–207.

Faucheux, M.J. 1994. Les plaques perforées des pattes de trois termites français: *Kalotermes flavicollis* Fabr., *Reticulitermes lucifugus* Rossi et *R. santonensis* Feytaud (Isoptera). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 16 (1): 10–19.

Faucheux, M.J. 2006a. Pores glandulaires et plaques perforées sur les tergites et sternites abdominaux du termite lucifuge, *Reticulitermes lucifugus* Rossi (Isoptera, Rhinotermitidae). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 28 (4): 244–248.

Faucheux, M.J. 2006b. Le termite de Saintonge, *Reticulitermes santonensis* Feytaud, espèce française, considéré comme une souche du termite à pattes jaunes, *Reticulitermes flavipes* (Kollar), espèce nord-américaine: arguments apportés par l'étude des glandes épidermiques (Isoptera: Rhinotermitidae). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (NS) 28 (4): 237–242.

Faucheux, M.J., and D. Lebrun. 1980. Le comportement alimentaire des termites, description des plages sensorielles épipharyngiennes chez l'imago de *Kalotermes flavicollis* Fabr. (Isoptera). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 2: 64–69.

Faucheux, M.J., and D. Lebrun. 1988. Les neurorecepteurs antennaires des castes du termite à cou jaune, *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae). Actes des Colloques Insectes Sociaux 4: 359–360.

Favet, C., Y. Braud, P. Frapa, and M. Lemonnier-Darcement. 2004. Contribution à l'inventaire des insectes du parc naturel regional du Luberon (France, Vaucluse et Alpes-de-Haute-Provençe). 4. Actualisation du catalogue des

orthopteroides: dermaptères, dictyoptères, phasmoptères, orthoptères, isoptères. Bulletin de la Société Linneenne de Provençe 55: 91–99, 101–104.

Fei, H.[-X.], and G. Henderson. 2002. Formosan subterranean termite (Isoptera: Rhinotermitidae) wood consumption and worker survival as affected by temperature and soldier proportion. Environmental Entomology 31 (3): 509–514.

Fei, H.-X., and G. Henderson. 2003. Comparative study of incipient colony development in the Formosan subterranean termite, *Coptotermes formosanus* Shiraki (Isoptera, Rhinotermitidae). Insectes Sociaux 50: 226–233.

Fei, H.[-X.], and G. Henderson. 2004. Effects of temperature, directional aspects, light conditions, and termite species on subterranean termite activity (Isoptera: Rhinotermitidae). Environmental Entomology 33 (2): 242–248.

Fei, H.[-X.], G. Henderson, and R.A. Laine. 2005. Trail-following behavior of *Coptotermes formosanus* (Isoptera: Rhinotermitidae) on concentration gradients of 2-phenoxyethanol. Sociobiology 45 (2): 483–494.

Fernando, H.E. 1962. Termites of economic importance in Ceylon. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 205–210. Paris: UNESCO, 259 pp.

Ferrar, P. 1982a. The termites of the savanna ecosystem project study area, Nylsvley. South African National Scientific Programmes Report 60: 1–37.

Ferrar, P. 1982b. Termites of a south African savanna. I. List of species and subhabitat preferences. Oecologia (Berlin) 52: 125–132.

Ferrar, P. 1982c. Termites of a south African savanna. II. Densities and populations of smaller mounds, and seasonality of breeding. Oecologia (Berlin) 52: 133–138.

Ferrar, P. 1982d. Termites of a South African savanna. III. Comparative attack on toilet roll baits in subhabitats. Oecologia (Berlin) 52: 139–146.

Ferrar, P. 1982e. Termites of a South African savanna. IV. Subterranean populations, mass determinations and biomass estimations. Oecologia (Berlin) 52: 147–151.

Ferrar, P., and J.A.L. Watson. 1970. Termites (Isoptera) associated with dung in Australia. Journal of the Australian Entomological Society 9: 100–102.

Ferraz, M.V., and E.M. Cancello. 2001. Swarming behavior of the economically most important termite, *Coptotermes havilandi* (Isoptera: Rhinotermitidae), in southeastern Brazil. Sociobiology 38 (3B): 683–694.

Ferraz, M.V., and E.M. Cancello. 2004. Strategies on the developmental biology of incipient colonies of *Coptotermes gestroi* (Isoptera: Rhinotermitidae) in different substrates. Sociobiology 43 (3): 109–122.

Ferraz, M.V., and J.T. Méndez-Montiel. 2004. First record of a subterranean termite, *Coptotermes havilandi* Holmgren (Isoptera: Rhinotermitidae), on the West Coast of North America (Mexico). Acta Zoologica Mexicana (n.s.) 20 (2): 39–43.

Ferreira da Cunha, H., and D. Brandão. 2002. Multiple reproductives in nests of the Neotropical termite *Constrictotermes cyphergaster* (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 46 (1): 21–24.

Ferreira da Cunha, H., J.A.F. Diniz-Filho, D. Brandão, and T.G. Myles. 2000. Intergeneric comparative analyses of ecological and behavioral traits of Termitidae (Isoptera). Sociobiology 35 (3): 447–456.

Ferreira da Cunha, H., D.A. Costa, K.E.S. Filho, L.O. Silva, and D. Brandão. 2003. Relationship between *Constrictotermes cyphergaster* and inquiline termites in the Cerrado (Isoptera: Termitidae). Sociobiology 42 (3): 761–769.

Ferreira da Cunha, H., D.A. Costa, and D. Brandão. 2006. Termite (Isoptera) assemblages in some regions of the Goiás State, Brazil. Sociobiology 47 (2): 505–518.

Ferrigno, F.D., and G.J. Torales. 1996. Comportamiento de obreras y soldados de *Cornitermes cumulans* (Isoptera: Termitidae) con extirpacion de una antena. FACENA, Serie Ciencias Naturales 12: 71–75.

Ferrigno, F.D., G.J. Torales, M.C. Godoy, and E. Porcel. 1997. Variaciones morfometricas en soldados de *Nasutitermes corniger.* (Isoptera: Termitidae Nasutitermitinae). Natura Neotropicalis 28 (1): 15–21.

Ferry, B. 1992. Distribution of the important litter decomposing termites (Isoptera) in the Western Ghats forests of Karnataka (India). Pedobiologia 36 (4): 193–211.

Feytaud, J. 1910. Formation de colonies nouvelles par les sexués essaimants du termite lucifuge. Compte Rendu des Séances de la Société de Biologie 68: 842–843.

Feytaud, J. 1911. Les ravages du termite lucifuge dans les villes. Bulletin de la Société d'Études et de Vulgarisation de la Zoologie Agricole 1911: 150–160.

Feytaud, J. 1912. Contribution a l'étude du termite lucifuge (anatomie—fondation de colonies nouvelles). Thèses présentés à la Faculté des Sciences de Paris 705: 479–607 + 6 pls.

Feytaud, J. 1921. La cité des termites. Moeurs sociales du termite lucifuge: ses ravages—sa destruction. Paris: L. L'Homme, Féret et Fils, 135 pp.
Feytaud, J. 1924a. À propos du termite des Charentes. Actes de la Société Linnéenne de Bordeaux 76: 69–73.
Feytaud, J. 1924b. Le termite de Saintonge. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 178 (2): 241–244.
Feytaud, J. 1924c. Sur le termite lucifuge. Compte Rendu de l'Association Française pour l'Avancement des Sciences 47: 550–551.
Feytaud, J. 1925. Existe-t-il plusiers races de *Reticuliternes lucifugus* Rossi? Revue de Zoologie Agricole et Appliquée (Bordeaux) 24 (8): 61–69.
Feytaud, J. 1946. Le peuple des termites. Paris: Presses Universitaires de France, 128 pp.
Feytaud, J. 1949. Une cité souterraine: la vie ténébreuse des termites. Le Monde Souterrain 56: 287–289.
Feytaud, J. 1950. À propos des *Reticulitermes* de France. Proceedings of the 8th international congress of entomology, Stockholm 1948: 380–381.
Feytaud, J. 1951. Une cité souterraine: la construction d'une termitière. Le Monde Souterrain 65–66: 562–564.
Feytaud, M. 1968. Les termites de Paris. Comptes Rendus (Hebdomadaires) des Séances de l'Académie d'Agriculture de France 54: 832–845.
Field, H. 1956. Termites from near Baghdad, Iraq. Journal of the Bombay Natural History Society 53 (3): 488.
Fisher, M.L., and R.E. Gold. 2003. Intercolony aggression in *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 42 (3): 651–661.
Fisher, M.L., R.E. Gold, E.L. Vargo, and A.I. Cognato. 2004. Behavioral and genetic analysis of colony fusion in *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 44 (3): 565–576.
Fletcher, T.B. 1912. Termites or white ants. Agricultural Journal of India 7 (3): 219–239.
Fletcher, T.B. 1917. [Notes on *Termes convulsionaries, Microtermes anandi*]. *In* K. Holmgren and N. Holmgren (T.B. Fletcher, trans.), Report on a collection of termites from India: 146, 160. Memoirs of the Department of Agriculture in India 5 (3): 137–171.
Fletcher, T.B. 1920. Indian fossil insects. Report of the proceedings of the third entomological meeting held at Pusa on the 3rd to 15th February, 1919 3: 983–990, pls. 161–166.
Fletcher, T.B. 1921. König's paper on South Indian termites. Proceedings of the Fourth Entomological Meeting, Pusa 4: 312–333, pls. 52–55.
Florane, C.B., J.M. Bland, C. Husseneder, and A.K. Raina. 2004. Diet-mediated inter-colonial aggression in the Formosan subterranean termite *Coptotermes formosanus.* Journal of Chemical Ecology 30 (12): 2559–2574.
Fontana, F. 1980. Interchange complexes in Italian populations of *Reticulitermes lucifugus* Rossi (Isoptera: Rhinotermitidae). Chromosoma (Berlin) 81: 169–175.
Fontana, F. 1982. Cytological analysis of the chromosome complement of *Kalotermes flavicollis* Fabr. (Isoptera Kalotermitidae). The sex determini[n]g mechanism. Cytologia 47: 147–152.
Fontana, F. 1990. Restriction of chromosome interchanges in males of *Reticulitermes lucifugus* (Isoptera: Rhinotermitidae). Cytobios 63: 91–94.
Fontana, F. 1991. Multiple reciprocal chromosomal translocations and their role in the evolution of sociality in termites. Ethology Ecology and Evolution, Special Issue 1: 15–19.
Fontana, F., and M. Amorelli. 1975. Chromosome complement of *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae). Bollettino di Zoologia 42 (1): 99–100.
Fontana, F., and M. Amorelli. 1978. Chromosomal translocations in 2 Italian populations of *Reticulitermes lucifugus* (Rossi) (Insecta, Isoptera: Rhinotermitidae). Experientia (Basel) 34 (6): 708–709.
Fontana, F., and D. Goldoni. 1985. The structure of an interchange chain of four chromosomes in *Reticulitermes lucifugus* (Isoptera, Rhinotermitidae). Genetica 66 (2): 89–91.
Fontana, F., M. Benvenuti, and R. Deutscher. 1993. The chromosome complement of *Kalotermes sinaicus* Kemner (Isoptera: Kalotermitidae). Cytobios 73 (293): 111–114.
Fontana, P., and F.M. Buzzetti. 2003. Nuova segnalazione di *Cryptotermes brevis* (Walker, 1853) in Italia settentrionale (Insecta, Isoptera, Kalotermitidae). Bollettino del Museo di Storia Naturale di Venezia 54: 35–44.
Fontes, L.R. 1979a. Os cupins. Ciência e Cultura (São Paulo) 31 (9): 986–992.
Fontes, L.R. 1979b. *Atlantitermes,* novo gênero de cupim, com duas novas espécies do Brasil (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 23 (4): 219–227.
Fontes, L.R. 1981. *Caetetermes taquarussu,* a new genus and species of Ecuadorian nasute (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 25 (2): 135–140.

Fontes, L.R. 1982. Novos táxons e novas combinações nos cupins nasutos geófagos da região Neotropical (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 26 (1): 99–108.

Fontes, L.R. 1983. Acréscimos e correções ao "Catálogo dos Isoptera do Novo Mundo." Revista Brasileira de Entomologia 27 (2): 137–145.

Fontes, L.R. 1985a. Potentialities of the appearance of the worker gut in situ for the identification of Neotropical genera of Apicotermitinae (Isoptera, Termitidae). Annals of Entomology (Dehra Dun) 3 (2): 1–6.

Fontes, L.R. 1985b. A new genus and species of Nasutitermitinae from South America (Isoptera, Termitidae). Revista Brasileira de Entomologia 29 (1): 135–138.

Fontes, L.R. 1985c. New genera and new species of Nasutitermitinae from the Neotropical region (Isoptera, Termitidae). Revista Brasileira de Zoologia 3 (1): 7–25.

Fontes, L.R. 1986. Two new genera of soldierless Apicotermitinae from the Neotropical region (Isoptera, Termitidae). Sociobiology 12 (2): 285–297.

Fontes, L.R. 1987a. Morphology of the worker digestive tube of the soil-feeding nasute termites (Isoptera, Termitidae, Nasutitermitinae) from the Neotropical region. Revista Brasileira de Zoologia 3 (8): 475–501.

Fontes, L.R. 1987b. Morphology of the alate and worker mandibles of the soil-feeding nasute termites (Isoptera, Termitidae, Nasutitermitinae) from the Neotropical region. Revista Brasileira de Zoologia 3 (8): 503–531.

Fontes, L.R. 1987c. Cupins meotropicais da subfamilia Nasutitermitinae (Isoptera, Termitidae): morfologia do soldado e das mandibulas do alado e operário, anatomia do tubo digestivo do operário e filogenia dos gêneros. Ph.D. dissertation, Universidade de São Paulo, Brazil, 140 pp.

Fontes, L.R. 1992. Key to the genera of New World Apicotermitinae (Isoptera: Termitidae). *In* D.A. Quintero and A. Aiello (editors), Insects of Panama and Mesoamerica: selected studies: 242–248, 649, 659. Oxford: Oxford University Press, i + xxii + 692 pp.

Fontes, L.R. 1998. Novos aditamentos ao "Catálogo dos Isoptera do Novo Mundo," e uma filogenia para os gêneros neotropicais de Nasutitermitinae. *In* L.R. Fontes and E.B. Filho (editors), Cupins: o desafio do conhecimento: 309–412. São Paulo: Fundação de Estudos Agrários Luiz de Queiroz, 512 pp.

Fontes, L.R., and R.L. Araujo. 1999. Os cupins: filo Arthropoda—classe Insecta—ordem Isoptera. *In* F.A.M. Mariconi (editor), Insetos e outros invasores de residências: 35–90. São Paulo: Fundação Escola de Agricultura Luiz de Queiroz, 460 pp.

Fontes, L.R., and A.G. Bandeira. 1979. Redescription and comments on the Neotropical genus *Rotunditermes* (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 23 (2): 107–110.

Fontes, L.R., and S. Milano. 2002. Termites as an urban problem in South America. Sociobiology 40 (1): 103–151.

Fontes, L.R., and A.D.R. Monteiro. 1998. Etimologia e pronúncia dos nomes científicos dos cupins. *In* L.R. Fontes and E.B. Filho (editors), Cupins: o desafio do conhecimento: 19–43. São Paulo: Fundação de Estudos Agrários Luiz de Queiroz, 512 pp.

Fontes, L.R., and P.S. Terra. 1981. A study on the taxonomy and biology of the Neotropical termite *Nasutitermes aquilinus* (Isoptera, Termitidae, Nasutitermitinae). Revista Brasileira de Entomologia 25 (3): 171–183.

Fontes, L.R., and M.A. Vulcano. 1998. Cupins fósseis do Novo Mundo. *In* L.R. Fontes and E.B. Filho (editors), Cupins: o desafio do conhecimento: 243–295. São Paulo: Fundação de Estudos Agrários Luiz de Queiroz, 512 pp.

Fontes, L.R., and M.A. Vulcano. 2004. Catalog of the fossil Isoptera of the New World. Sociobiology 44 (2): 345–364.

Forskål, P. 1775. Descriptiones animalium avium, amphibiorum, piscium, insectorum, vermium, quae in itinere orientali. Hauniae [Copenhagen]: Mölleri, 164 pp.

Forskål, P. 1776. Icones rerum naturalium quas in itinere orientali. Hauniae [Copenhagen]: Mölleri, 15 pp. + 43 pls.

Förster, B. 1888. Die Gliederung des Sundgauer Tertiärs. Abhandlungen zur Geologischen Spezialkarte von Elsass-Lothringen 1: 164.

Förster, B. 1890. Vorläufige Mitteilungen über die Insekten des "Plattigen Steinmergels" von Brunstatt. Abhandlungen zur Geologischen Spezialkarte von Elsass-Lothringen 2: 103.

Foster, B.T., A.I. Cognato, and R.E. Gold. 2004. DNA-based identification of the eastern subterranean termite, *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Journal of Economic Entomology 97 (1): 95–101.

Fowler, H.G., and B.L. Haines. 1983. Diversidad de especies de hormigas cortadoras y termitas de tumulo en cuanto a la sucesion vegetal en praderas Paraguayas. *In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico November, 1980. Vol. 2: 187–201. Paris: Université Paris-Nord, 252 pp.

Fox, R.E. 1970. Reproduction by the macropterous form of *Mastotermes darwiniensis* Froggatt (Isoptera: Mastotermitidae). Journal of the Australian Entomological Society 9: 75–77.

Francis, J.E., and B.M. Harland. 2006. Termite borings in Early Cretaceous fossil wood, Isle of Wight, UK. Cretaceous Research 27: 773–777.

French, C. 1893. A handbook of the destructive insects of Victoria, with notes on the methods to be adopted to check and extirpate them. Prepared by order of the Victorian Department of Agriculture. Vol. 2. Melbourne: R.S. Brain, [3] + 222 pp.

French, J.R.J., R.A. Rasmussen, D.M. Ewart, and M.A.K. Khalil. 1997. The gaseous environment of mound colonies of the subterranean termite *Coptotermes lacteus* (Isoptera: Rhinotermitidae) before and after feeding on mirex-treated decayed wood bait blocks. Bulletin of Entomological Research 87: 145–149.

Froggatt, W.W. 1896. Australian Termitidae. Part I. Proceedings of the Linnean Society of New South Wales, Series 2 10 (3) [1895]: 415–438.

Froggatt, W.W. 1897a. Australian Termitidae. Part II. Proceedings of the Linnean Society of New South Wales 21 (4) [1896]: 510–552 + 2 pls.

Froggatt, W.W. 1897b. White ants; with some account of their habits and depredations. Agricultural Gazette of New South Wales 8: 297–302.

Froggatt, W.W. 1898. Australian Termitidae. Part III. Proceedings of the Linnean Society of New South Wales 22 (4) [1897]: 721–758 + 2 pls.

Froggatt, W.W. 1905. White ants (Termitidae). Miscellaneous Publications of the Department of Agriculture, New South Wales 874: 1–47 + 2 pls.

Froggatt, W.W. 1907. Australian insects. Sydney: William Brooks and Company, xiv + 449 pp. + 38 pls.

Fu, B., and Y.-L. Xu. 1994. A new species of *Mironasutitermes* from Jiangxi Province, China (Isoptera: Termitidae). Science and Technology of Termites 11 (1): 22–24. [in Chinese, with English summary]

Fuchs, A., J. Heinze, C. Reber-Funk, and J. Korb. 2003. Isolation and characterization of six microsatellite loci in the drywood termite *Cryptotermes secundus* (Kalotermitidae). Molecular Ecology Notes 3: 355–357.

Fudalewicz-Niemczyk, W. 1965. Ontogenèse de l'innervation des organes sensoriels des antennes chez *Reticulitermes lucifugus santonensis* Feyt. Insectes Sociaux 12 (3): 241–252.

Fudalewicz-Niemczyk, W., and G. Richard. 1965. Organogenèse des nerfs et des trachées alaires du termite *Reticulitermes lucifugus santonensis* Feyt. Insectes Sociaux 12 (4): 309–320.

Fudalewicz-Niemczyk, W., M. Olesky, and J. Urvoy. 1997a. Le système nerveux périphérique des pièces buccales du termite *Reticulitermes lucifugus santonensis* Feyt. Partie I. Labre, hypopharynx, mandibule. Acta Biologica Cracoviensia (Zoologia) 39: 31–38.

Fudalewicz-Niemczyk, W., M. Olesky, and J. Urvoy. 1997b. Le système nerveux périphérique des pièces buccales du termite *Reticulitermes lucifugus santonensis* Feyt. Partie II. La maxille, le labium. Acta Biologica Cracoviensia (Zoologia) 39: 39–48.

Fujii, J.K. 1981. New host record for *Coptotermes formosanus* Shiraki. Proceedings of the Hawaiian Entomological Society 23 [1978]: 313–314.

Fujita, A., and T. Abe. 2002. Amino acid concentration and distribution of lysozyme and protease activities in the guts of higher termites. Physiological Entomology 27: 76–78.

Fujita, A., and T. Abe. 2006. Atmospheric nitrogen assimilation by a wood-feeding termite, *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Sociobiology 47 (1): 175–188.

Fujita, A., I. Shimizu, and T. Abe. 2001. Distribution of lysozyme and protease, and amino acid concentration in the guts of a wood-feeding termite, *Reticulitermes speratus* (Kolbe): possible digestion of symbiont bacteria transferred by trophallaxis. Physiological Entomology 26: 116–123.

Fujita, A., T. Miura, and T. Matsumoto. 2008. Differences in cellulose digestive systems among castes in two termite lineages. Physiological Entomology 33: 73–82.

Fujiyama, I. 1983. Neogene termites from northeastern districts of Japan, with references to the occurrence of fossil insects in the districts. Memoirs of the National Science Museum (Tokyo) 16: 83–99.

Fullaway, D.T. 1920. Termites, or white ants, in Hawaii. Hawaiian Forester and Agriculturist 17 (10): 294–301.

Fullaway, D.T. 1921. *Cryptotermes brevis* in Hawaii (Isoptera). Proceedings of the Hawaiian Entomological Society 4: 456–457.

Fullaway, D.T. 1926a. Termites, or white ants, in Hawaii. Hawaiian Forester and Agriculturist 23 (3): 68–88.

Fullaway, D.T. 1926b. Termites, or white ants, in Hawaii. Hawaiian Planters' Record 30: 335–349.

Fullaway, D.T. 1929. *Coptotermes formosanus* Shiraki on Kauai. Proceedings of the Hawaiian Entomological Society 7 (2): 205, 210.
Fullaway, D.T. 1931. Rep. territorial entomologist for February 1931. Hawaiian Forester and Agriculturist 28 (1): 8.
Fullaway, D.T., and N.L.H. Krauss (editors). 1945. Common Insects of Hawaii. Honolulu: Tongg Publishing Company, 228 pp. + 12 pls.
Fuller, C. 1915. Observations on some South African termites. Annals of the Natal Museum 3 (2): 329–504 + 11 pls.
Fuller, C. 1919. The wing venation and respiratory system of certain South African termites. Annals of the Natal Museum 4 (1): 19–102.
Fuller, C. 1920. Studies on the post-embryonic development of the antennae of termites. Annals of the Natal Museum 4 (2): 235–295 + 1 pl.
Fuller, C. 1921. The termites of South Africa; being a preliminary notice. South African Journal of Natural History 3 (1): 14–52.
Fuller, C. 1922. The termites of South Africa. South African Journal of Natural History 3 (2): 70–131.
Fuller, C. 1923a. Two new termites from Uganda. Annals and Magazine of Natural History *(9)* 61: 191–192.
Fuller, C. 1923b. Extracts from Sparrman's Voyage. South African Journal of Natural History 4 (2): 149–161.
Fuller, C. 1924a. A question of synon[y]my (*Eutermes* vs. *Microcerotermes).* South African Journal of Natural History 4 (4): 277–280.
Fuller, C. 1924b. The thorax and abdomen of winged termites, with special reference to the sclerites and muscles of the thorax. Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 2: 49–78.
Fuller, C. 1924c. Termite nomenclature. South African Journal of Natural History 4 (5): 356–364.
Fuller, C. 1925a. Entomological Notes. A white-ant fossil. Journal of the Department of Agriculture (South Africa) (15) June: 4.
Fuller, C. 1925b. The termites of South Africa. III. South African Journal of Natural History 5: 167–246.
Fuller, C. 1927. A termite complex. South African Journal of Natural History 6 (2): 130–142.
Fuller, C.A., and P.D. Jeyasingh. 2004. Acanthocephalan (Oligacanthorhynchidae) parasitism of the Caribbean termite *Nasutitermes acajutlae*: implications for reproductive success. Insectes Sociaux 51: 215–220.
Fuller, C.A., P.D. Jeyasingh, and L.W. Harris. 2004. Lack of agonism in an insular Caribbean termite, *Nasutitermes acajutlae.* Journal of Insect Behavior 17 (4): 523–532.
Fyfe, R.V., and F.J. Gay. 1938. The humidity of the atmosphere and the moisture conditions within mounds of *Eutermes exitiosus* Hill. Council of Scientific and Industrial Research Organization (Australia) Pamphlet 82: 1–22.
Gabe, M., and C. Noirot. 1961a. Données histochimiques sur l'oogénènese chez les termites. Bulletin Biologique de la France et de la Belgique 95 (3): 413–427 + 3 pls.
Gabe, M., and C. Noirot. 1961b. Particularités histochimiques du tissu adipeux royal des termites. Bulletin de la Société Zoologique de France 85 (5–6): 376–382.
Galbiati, C., O. DeSouza, and J.H. Schoereder. 2005. Diversity patterns in termite communities: species-area relationship, alpha and beta diversity (Isoptera: Termitidae). Sociobiology 45 (3): 925–936.
Gallagher, N.T., and S.C. Jones. 2005. Effects of resource availability on search tunnel construction by the eastern subterranean teramite, *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 45 (3): 553–564.
Galvis, H.C.E. 1985. Termites del valle geografica del rio Cauca y su impacto sobre la economia del departmento del Valle. Cespedesia 13 (49–50) [1984]: 257–276.
Gandhi, M.R., and S. Basalingappa. 1988. Effect of blockage of spiracles on fecundity in the queens of termite *Odontotermes obesus* (Isoptera, Termitidae). Acta Entomologica Bohemoslovaca 85: 71–72.
Gao, D.-R. 1988a. Two new species of the genus *Ahmaditermes* (Isoptera: Termitidae) from Mount Tianmu, China. Science and Technology of Termites 5 (2): 9–15. [in Chinese, with English summary]
Gao, D.-R. 1988b. A new species of *Mironasutitermes* from Mt. Longwan, China (Isoptera: Termitidae, Nasutitermitnae [sic]). Science and Technology of Termites 5 (4): 8–12. [in Chinese, with English summary]
Gao, D.-R. 1989. A new species of *Sinocapritermes* from Mt. Tinmu, China (Isoptera: Termitidae). Science and Technology of Termites 6 (2): 1–5. [in Chinese, with English summary]
Gao, D.-R. 1995a. Economic important termites of Hong Kong and its control. Science and Technology of Termites 12 (1): 1–5. [in Chinese, with English summary]
Gao, D.-R. 1995b. Study of the genus *Odontotermes* from Hong Kong (Isoptera: Termitidae). Science and Technology of Termites 12 (3): 17–18. [in Chinese, with English summary]

Gao, D.-R. 1996a. Study on the genus *Reticuliterems* [sic] from Hong Kong (Isoptera: Rhinotermitidae). Science and Technology of Termites 13 (2): 1–3. [in Chinese, with English summary]

Gao, D.-R. 1996b. Study on the genus *Neotermes* from Hong Kong (Isoptera: Kalotermitidae). Science and Technology of Termites 13 (3): 5–6. [in Chinese, with English summary]

Gao, D.-R., and B.-Y. Chen. 1992a. Survey of Isoptera in the regions of Anhui Province with description of a new species (Isoptera: Termitidae, Nasutitermitinae, *Mironasutitermes*). Science and Technology of Termites 9 (1): 1–6.

Gao, D.-R., and Z. Chen. 1992b. A new species of *Mironasutitermes* from Mt. Huang, China (Isoptera: Termitidae: Nasutitermitinae). Sichuan Dongwu (Sichuan Journal of Zoology) 11 (3): 6–8. [in Chinese, with English summary]

Gao, D.-R., and Y.-M. Deng. 1987. A new species of the genus *Ahmaditermes* (Isoptera: Termitidae) from Sichuan, China. Sichuan Dongwu (Sichuan Journal of Zoology) 6 (3): 1–2. [in Chinese, with English summary]

Gao, D.-R., and A.-H. Gong. 1989. Notes on the genus *Ahmaditermes* from China, with description of a new species (Isoptera, Termitidae: Nasutitermitinae). Entomotaxonomia 11 (4): 249–252. [in Chinese, with English summary]

Gao, D.-R., and J.-Q. Guo. 1995. A new species of *Nasutitermes* from China (Isoptera: Termitidae: Nasutitermitinae). Acta Zootaxonomica Sinica 20 (2): 207–210.

Gao, D.-R., and X.-S. He. 1990. Three new species of the new genus *Mironasutitermes* from China (Isoptera: Termitidae, Nasutitermitinae). Contributions from Shanghai Institute of Entomology 8 [1988]: 179–188. [in Chinese, with English summary]

Gao, D.-R., and P.K.S. Lam. 1985. A list of the species of Isoptera from Hong Kong, China. Entomotaxonomia 7 (2): 118. [in Chinese, with English title]

Gao, D.-R., and P.K.S. Lam. 1986. Notes on the termites (Isoptera) of Hong Kong, including description of a new species and a checklist of Chinese species. Memoirs of the Hong Kong Natural History Society 17: 67–83.

Gao, D.-[R.], and P.K.S. Lam. 1990. Notes on the genus *Sinocapritermes* (Isoptera: Temitidae) from China, with description of a new species. Systematic Entomology 15 (3): 331–334.

Gao, D.-R., and P.K.S. Lam. 1992. Notes on the genus *Microcerotermes* (Isoptera: Termitidae) from China, with description of a new species. Memoirs of the Hong Kong Natural History Society 19: 63–70.

Gao, D.-R., and S.-K.-C. Lau. 1996. Study on the genus *Macrotermes* from Hong Kong (Isoptera, Termitidae). Science and Technology of Termites 13 (1): 1–5. [in Chinese, with English summary]

Gao, D.-R., and X.-C. Ma. 1983. Studies on the termites from Sichuan IX. Description of imagoes of two species (*Lobitermes emei* and *Glyptotermes hesperus*). Zoological Research 4 (2): 135–137. [in Chinese, with English summary]

Gao, D.-R., and H.-M. Tian. 1990. Two new species of the genus *Nasutitermes* (Isoptera: Termitidae: Nasutitermitinae) from Sichuan, China. Entomotaxonomia 12 (2): 115–118. [in Chinese, with English summary]

Gao, D.-R., and L.-Z. Yang. 1987. A new species of the genus *Odontotermes* (Isoptera: Termitidae) in China. Journal of Nanjing Institute of Forestry (Nan-ching lin hsèueh yéuan hsèueh pao) 4: 113–116. [in Chinese, with English summary]

Gao, D.-[R.], and L.-Z. Yang. 1990. A new species of the genus *Pericapritermes* (Isoptera: Termitidae) from Guangxi, China. Science and Technology of Termites 7 (1): 1–5. [in Chinese, with English summary]

Gao, D.-R., and B.-Z. Zhu. 1980. Notes on a new species of the genus *Stylotermes* Holmgren from Sichuan, China Isoptera: Rhinotermitidae, Stylotermitinae. Zoological Research 1 (4): 537–539.

Gao, D.-R., and B.-Z. Zhu. 1986. A new species of *Odontotermes* from China (Isoptera: Termitidae: Macrotermitinae). Acta Zootaxonomica Sinica 11 (1): 97–99. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, F.-Y. Liu, Z.-D. Zhang, and S.-Q. Wen. 1980. Survey of termite[s] in the southern regions of Shaanxi and Gansu provinces with description of a new species (Isoptera: Kalotermitidae *Glyptotermes*). Entomotaxonomia 2 (1): 69–74. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, L.-X. Han, and A.-H. Gong. 1981a. Studies on the termites from Sichuan II. Notes on the genus *Stylotermes* Holmgren from Chengdu. Entomotaxonomia 3 (1): 65–69. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, A.-H. Gong, and L.-X. Han. 1981b. Studies on the termites from Sichuan III. Notes on the genus *Glyptotermes* Froggatt from Changdu. Entomotaxonomia 3 (2): 137–140. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, A.-H. Gong, and L.-X. Han. 1981c. Study on vertical distribution of termite[s] of Mount Emei with description of two new species (Isoptera: Kalotermitidae and Rhinotermitidae). Entomotaxonomia 3 (3): 211–216. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, and A.-H. Gong. 1982a. A new species of *Glyptotermes* from Liangshan (Isoptera: Kalotermitidae). Entomotaxonomia 4 (1–2): 67–70. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, and S. Wang. 1982b. Survey of termite[s] in the regions of Jiangsu province with description of two new species (Isoptera: Rhinotermitidae, *Reticulitermes*). Zoological Research (suppl.) 3: 137–144. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, W.-C. Yang, G.-R. Ji, and X.-C. Ma. 1982c. Studies on the termites from Sichuan IV. Study on termites and a new species of *Stylotermes* from Nanchong district (Isoptera: Rhinotermitidae). Zoological Research 3 (suppl.): 145–150. [in Chinese, with English summary]

Gao, D.-R., Y.-Z. Pan, X.-C. Ma, and W.-P. Shi. 1982d. Notes on the genus *Reticulitermes* from Sichuan China, with descriptions of new species (Isoptera: Rhinotermitidae). Entomotaxonomia 4 (4): 299–306. [in Chinese, with English summary]

Gao, D.-R., X.-F. Peng, and K.-L. Xia. 1983. Notes on two new species of termites from Sichuan, China (Isoptera: Kalotermitidae and Rhinotermitidae). Contributions from Shanghai Institute of Entomology 3 [1982]: 193–198. [in Chinese, with English summary]

Gao, D.-R., C.-G. Tu, and C.-M. Sun. 1984a. The genus *Glyptotermes* (Isoptera: Kalotermitidae) from China: with a description of a new species. Journal of Nanjing Institute of Forestry (Nan-ching lin hsèueh yéuan hsèueh pao) 1984 (4): 53–60. [in Chinese, with English summary]

Gao, D.-R., W.-P. Shi, and B.-Z. Zhu. 1984b. Survey of termites in the Chongqing District with description of a new species (Isoptera: Rhinotermitidae). Entomotaxonomia 6 (4): 295–297. [in Chinese, with English summary]

Gao, D.-R., A.-H. Gong, and K.-L. Xia. 1985a. Notes on a new species of the genus *Euhamitermes* from Guizhou, China. Contributions from Shanghai Institute of Entomology 5: 247–249. [in Chinese, with English summary]

Gao, D.-R., B.-Z. Zhu, and Y. Zhao. 1985b. A new species of the genus *Reticulitermes* from Guangdong, China. Entomotaxonomia 7 (1): 47–48. [in Chinese, with English summary]

Gao, D.-R., P.K.S. Lam, and P.T. Owen. 1992a. The taxonomy, ecology and management of economically important termites in China. Memoirs of the Hong Kong Natural History Society 19: 15–50.

Gao, D.-R., P.K.S. Lam, and Y. Sheik. 1992b. Economic important termite species in China. Proceedings 19th International Congress of Entomology, Beijing 1992: 596. [abstract]

Gao, D.-R., S. Ip, and R.L. Dizon. 1992c. Distribution of termite[s] in China. Proceedings 19th International Congress of Entomology, Beijing 1992: 596. [abstract]

Gao, D.-R., S.-K.C. Lau, and X.-S. He. 1995. Study on the genus *Coptotermes* from Hong Kong (Isoptera: Rhinotermitidae). Science and Technology of Termites 12 (3): 1–5. [in Chinese, with English summary]

Gao, D.-R., S.-K. Lau, F.-Y. Lau, and H.-M. Zhang. 1996. Termites (Isoptera) of Hong Kong. Beijing, China: China Agricultural Scientech Press, 119 pp. [in Chinese, with English table of contents, taxonomic names, and partial bibliography]

Gao, S.-W. 1997. The species of the termites from Hangzhou area. Science and Technology of Termites 14 (1): 13–16. [in Chinese, with English summary]

García, J., K. Maekawa, T. Miura, and T. Matsumoto. 2002. Population structure and genetic diversity in insular populations of *Nasutitermes takasagoensis* (Isoptera: Termitidae) analyzed by AFLP markers. Zoological Science (Tokyo) 19: 1141–1146.

García, J., K. Maekawa, T. Miura, R. Constantino, and T. Matsumoto. 2003. Genetic distance between nests and population genetic diversity of *Nasutitermes nigriceps* and *N. corniger* (Isoptera: Termitidae) in Guatemala using AFLP markers. Sociobiology 41 (3): 663–672.

García, J., K. Maekawa, T. Miura, and T. Matsumoto. 2004. Genetic distance between *Nasutitermes takasagoensis* (Isoptera: Termitidae) populations in Taiwan and the Yaeyama Islands, analyzed by amplified fragment length polymorphism markers. Entomological Science 7: 245–249.

García, J., K. Maekawa, R. Constantino, T. Matsumoto, and T. Miura. 2006. Analysis of the genetic diversity of *Nasutitermes coxipoensis* (Isoptera: Termitidae) in natural fragments of Brazilian Cerrado savanna using AFLP markers. Sociobiology 48 (1): 267–279.

Gardner, J.C.M. 1945. New Termitidae from India and Burma (Isoptera). Indian Journal of Entomology 6 [1944]: 103–110.

Garnier-Sillam, E. 1983a. Le polyéthism chez *Reticulitermes lucifugus santonensis* (Isoptera—Rhinotermitidae). A. Différences d'activités des ouvriers en fonction des stades. Insectes Sociaux 30 (1): 9–26.

Garnier-Sillam, E. 1983b. Le polyéthisme chez *Reticulitermes lucifugus santonensis* (Isoptera—Rhinotermitidae). B. Contribution à l'étude du comportement individual de prospection et de recrutment lors de la recherché de nourriture chez les ouvriers. Insectes Sociaux 30 (1): 27–44.

Garnier-Sillam, E. 1989. The pedological role of fungus-growing termites (Termitidae: Macrotermitinae) in tropical environments, with special reference to *Macrotermes muelleri.* Sociobiology 15 (2): 181–196.

Garnier-Sillam, E., and J. Renoux. 1986. Contribution à l'étude de l'humification dans les sols forestiers tropicaux: le rôle de *Thoracotermes macrothorax,* termite humivore. Actes des Colloques Insectes Sociaux 3: 119–122.

Garnier-Sillam, E., and J. Renoux. 1987. Contribution to the study of humification of tropical forest soils: the role of a humivorous species, *Thoracotermes macrothorax. In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 611–612. Munich: J. Peperny, xxxv + 16 + 757 pp.

Garnier[-]Sillam, E., F. Toutain, G. Villemin, and J. Renoux. 1985. Effet sur les debris végétaux, du brassage intestinal de quatre espèces de termites (Isoptera). Actes des Colloques Insectes Sociaux 2: 319–322.

Garnier-Sillam, E., F. Toutain, G. Villemin, and J. Renoux. 1989. Études préliminaires des meules originales du termite xylophage *Sphaerotermes sphaerothorax* (Sjöstedt). Insectes Sociaux 36 (4): 293–312.

Gassies, J.B. 1855. De l'introduction des termites dans la ville de Bordeaux. Actes de la Société Linnéenne de Bordeaux 20: 427–428.

Gathorne-Hardy, F.[J.]. 2001. A review of the south-east Asian Nasutitermitinae (Isoptera: Termidae [sic]), with descriptions of one new genus and a new species and including a key to the genera. Journal of Natural History 35: 1485–1506.

Gathorne-Hardy, F.J. 2004. The termites of Sundaland: a taxonomic review. Sarawak Museum Journal (n.s.) 60 (81): 89–153.

Gathorne-Hardy, F.J., D.T. Jones, and N.A. Mawdsley. 2000a. The recolonization of the Krakatau islands by termites (Isoptera), and their biogeographical origins. Biological Journal of the Linnean Society 71: 251–267.

Gathorne-Hardy, F.J., N.M. Collins, R.D. Buxton, and P. Eggleton. 2000b. A faunistic review of the termites (Insecta: Isoptera) of Sulawesi, including an updated checklist of the species. Malayan Nature Journal 54 (4): 347–353.

Gathorne-Hardy, F.[J.], Syaukani [sic], and P. Eggleton. 2001. The effects of altitude and rainfall on the composition of the termites (Isoptera) of the Leuser ecosystem (Sumatra, Indonesia). Journal of Tropical Ecology 17: 379–393.

Gathorne-Hardy, F.J., Syaukani [sic], R.G. Davies, P. Eggleton, and D.T. Jones. 2002a. Quaternary rainforest refugia in south-east Asia: using termites (Isoptera) as indicators. Biological Journal of the Linnean Society 75 (4): 453–466.

Gathorne-Hardy, F.J., D.T. Jones, and Syaukani [sic]. 2002b. A regional perspective on the effects of human disturbance on the termites of Sundaland. Biodiversity and Conservation 11: 1991–2006.

Gathorne-Hardy, F.J., Syaukani [sic], and D.J.G. Inward. 2006. Recovery of termite (Isoptera) assemblage structure from shifting cultivation in Barita Ulu, Kalimantan, Indonesia. Journal of Tropical Ecology 22: 605–608.

Gaud, S.M., and L.F. Martorell. 1973. New insect records for Puerto Rico. Journal of Agriculture of the University of Puerto Rico 42: 247–254.

Gaud, S.M., and L.F. Martorell. 1974. The insects of Caja de Muertos Island, Puerto Rico. Journal of Agriculture of the University of Puerto Rico 58: 244–272.

Gaudant, J. 1987. Mise au point sur l'ichthyofaune Pliocène de Willerhausen-am-Harz (Allemagne). Comptes Rendus des Séances de l'Académie des Sciences (Série 2) 305: 811–814.

Gaudant, J. 1988. Mise au point sur l'ichthyofaune Oligocène de Rott. Stösschen et Orsberg (Allemagne). Comptes Rendus des Séances de l'Académie des Sciences (Série 2) 306: 831–834.

Gay, F.J. 1952. A rare termite intercaste. Australian Journal of Science 14 (4): 127–128.

Gay, F.J. 1955a. A new *Coptotermes* and *Ahamitermes* (Isoptera) from Australia. Proceedings of the Linnean Society of New South Wales 79 (5–6) [1954]: 177–181.

Gay, F.J. 1955b. The occurrence of functional neoteinics in *Coptotermes lacteus.* Australian Journal of Science 18 (2): 58–59.

Gay, F.J. 1956. New species of termites from Australia. Proceedings of the Linnean Society of New South Wales 80 (3) [1955]: 207–213.

Gay, F.J. 1963. The synonymy, distribution and biology of *Coptotermes elisae* (Desneux). Pacific Insects 5 (2): 421–423.

Gay, F.J. 1966. A new genus of termites (Isoptera) from Australia. Journal of the Entomological Society of Queensland 5: 40–43.

Gay, F.J. 1967. A world review of introduced species of termites. Commonwealth Scientific and Industrial Research Organization Bulletin 286: 1–88.

Gay, F.J. 1968a. A contribution to the systematics of the genus *Amitermes* (Isoptera: Termitidae) in Australia. Australian Journal of Zoology 16: 405–457.

Gay, F.J. 1968b. Soldier-reproductive intercastes in a species of *Tumulitermes* (Isoptera: Termitidae). Journal of the Australian Entomological Society 7: 83–84.
Gay, F.J. 1969a. *Amitermes pallidiceps,* a new name for *A. pallidus* Gay (Isoptera: Termitidae). Journal of the Australian Entomological Society 8: 112.
Gay, F.J. 1969b. A new species of *Stolotermes* (Isoptera: Termopsidae, Stolotermitinae) from New Zealand. New Zealand Journal of Science 12 (4): 748–753.
Gay, F.J. 1969c. Species introducted by man. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 459–494. New York: Academic Press, xiii + 598 pp.
Gay, F.J. 1970. Isoptera (Termites). *In* F.G. Waterhouse (editor), The insects of Australia: a textbook for students and research workers: 275–293. Melbourne: Melbourne University Press, xiii + 1029 pp.
Gay, F.J. 1971a. The Termitinae (Isoptera) of temperate Australia. Australian Journal of Zoology, Supplementary Series 3: 1–36.
Gay, F.J. 1971b. Notes on *Grallatotermes grallator* (Desneux) and the taxonomic status of the genus *Grallatotermes* (Isoptera: Termitidae: Nasutitermitinae). Pacific Insects 13 (1): 41–47.
Gay, F.J. 1974. The Australian termite genus *Occasitermes* (Isoptera: Termitidae: Nasutitermitinae). Journal of the Australian Entomological Society 13: 275–283.
Gay, F.J. 1976a. An Australian species of *Incisitermes* Krishna (Isoptera: Kalotermitidae). Journal of the Australian Entomological Society 14 [1975]: 395–398.
Gay, F.J. 1976b. An Australian species of *Procryptotermes* Holmgren (Isoptera: Kalotermitidae). Journal of the Australian Entomological Society 15 [1975]: 45–48.
Gay, F.J. 1976c. Isoptera of the Kermadec Islands. New Zealand Entomologist 6 (2): 149–153.
Gay, F.J. 1977a. The Australian termite genus *Occultitermes* Emerson (Isoptera: Termitidae: Nasutitermitinae). Journal of the Australian Entomological Society 16: 191–195.
Gay, F.J. 1977b. A new species of *Kalotermes* Hagen (Isoptera: Kalotermitidae) from tropical Queensland. Journal of the Australian Entomological Society 16: 221–224.
Gay, F.J., and R.A. Barrett. 1983. The occurrence in Australia of *Prorhinotermes inopinatus* Silvestri (Isoptera: Rhinotermitidae). Journal of the Australian Entomological Society 22: 75–77.
Gay, F.J., and J.H. Calaby. 1970. Termites of the Australian region. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 393–448. New York: Academic Press, xiv + [1] + 643 pp.
Gay, F.J., and T. Greaves. 1940. The population of a mound colony of *Coptotermes lacteus* (Frogg.). Journal of the Council for Scientific and Industrial Research (Australia) 13 (2): 145–149.
Gay, F.J., and J.A.L. Watson. 1974. Isoptera (termites). *In* CSIRO (editor), The insects of Australia: a textbook for students and research workers: supplement: 37–39. Melbourne: Melbourne University Press, viii + 146 pp.
Gay, F.J., and J.A.L. Watson. 1982. The genus *Cryptotermes* in Australia (Isoptera: Kalotermitidae). Australian Journal of Zoology (suppl.) 88: 1–64.
Gay, F.J., and A.H. Wetherly. 1970. The population of a large mound of *Nasutitermes exitiosis* (Hill) (Isoptera: Termitidae). Journal of the Australian Entomological Society 9: 27–30.
Geigy, R., and H. Striebel. 1959. Embryonalentwicklung der termite *Kalotermes flavicollis*. Experientia (Basel) 15 (12): 474–477.
Geigy, R., and M. Wall. 1968. Über eine Tergaldrüse der Termite *Kalotermes flavicollis* (Fabr.). Acta Tropica 25 (3): 271–272.
Genet, J.A., K.S. Genet, T.M. Burton, and P.G. Murphy. 2000. Quantitative characterization of a subtropical dry forest termite community (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae). Tropical Ecology 41 (1): 119–122.
Genise, J.F. 1995. Upper Cretaceous trace fossils in permineralized plant remains from Patagonia, Argentina. Ichnos 3: 287–299.
Genise, J.F. 1997. A fossil termite nest from the Marplatan stage (late Pliocene) of Argentina: palaeoclimatic indicator. Palaeogeography, Palaeoclimatology, Palaeoecology 136 (1–4): 139–144.
Genise, J.F. 1999. Paleoicnología de insectos. Revista de la Sociedad Entomológica Argentina 58 (1–2): 104–116.
Genise, J.F. 2004. Ichnotaxonomy and ichnostratigraphy of chambered trace fossils in paleosols attributed to coleopterans, ants and termites. *In* D. McIlroy (editor), The application of ichnology to paleoenvironmental and stratigraphic analysis: 419–453. London: Geological Society Special Publications. Vol. 228, 496 pp.
Genise, J.F., and T.M. Bown. 1994. New trace fossils of termites (Insecta: Isoptera) from the Late Eocene–Early Miocene of Egypt, and the reconstruction of ancient isopteran social behavior. Ichnos 3 (3): 155–183.

Genise, J.F., M.G. Mángano, L.A. Buatois, J.H. Laza, and M. Verde. 2000. Insect trace fossil associations in paleosols: the *Coprinisphaera* ichnofacies. Palaios 15: 49–64.

Genise, J.F., E.S. Bellosi, R.N. Melchor, and M.I. Cosarinsky. 2005. Comment—advanced early Jurassic termite (Insecta: Isoptera) nests: evidence from the Clarens formation in the Tuli Basin, southern Africa (Bordy et al., 2004). Palaios 20: 303–308.

Gentz, M.C., D. Rubinoff, and J.K. Grace. 2008. Phylogenetic analysis of subterranean termites (*Coptotermes* spp., Isoptera: Rhinotermitidae) indicates the origins of Hawaiian and North American invasions: potential implications for invasion biology. Proceedings of the Hawaiian Entomological Society 40: 1–9.

Georghiou, G.P. 1957. A catalogue of Cyprus insects. Cyprus Department of Agriculture Technical Bulletin 7: 1–65.

Gerber, C., S. Badertscher, and R.H. Leuthold. 1988. Polyethism in *Macrotermes bellicosus* (Isoptera). Insectes Sociaux 35 (3): 226–240.

Gerini, V. 1984. Bibliografia sulle termiti dal 1758 al 1980 [Relazioni e monografie agrarie subtropicali e tropicali, nuova serie no. 93]. Firenze [Florence]: Istituto Agronomico per l'Oltremare, 214 pp.

Gerini, V. 1992a. Aggiornamento bibliografico sulle termiti dal 1758 al 1991 [Relazioni e monografie agrarie subtropicali e tropicali, nuova serie no. 110]. Firenze [Florence]: Istituto Agronomico per l'Oltremare, 52 pp.

Gerini, V. 1992b. Catalogo delle specie di termiti (Isoptera) dal 1748 al 1991: con distribuzione geografica [Relazioni e monografie agrarie subtropicali e tropicali, nuova serie no. 111]. Firenze [Florence]: Istituto Agronomico per l'Oltremare, 262 pp.

Gerini, V. 1999. *2.* Aggiornamento bibliografico sulle termiti, 1805–1997 [Biblioteca Agraria Tropicale]. Florence: Istituto Agronomico per l'Oltremare, 125 pp.

Germar, G.F. 1813. Insecten in Bernstein eingeschlossen, beschrieben aus dem academischen Mineralien-Cabinet zu Halle. Magazin der Entomologie 1: 11–18.

Gerstäcker, A. 1891. Die von Herrn Dr. F. Stuhlmann in Ostafrika gesammelten Termiten, Odonaten und Neuropteren. Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten 9: 183–191.

Gerstaecker [Gerstäcker], A. 1863. Handbuch der Zoologie. Arthropoden. Vol. 2. Leipzig, Germany: Wilhelm Engelmann, vi + 642 pp.

Gessner, S., and R.H. Leuthold. 2001. Caste-specificity of pheromone trails in the termite *Macrotermes bellicosus.* Insectes Sociaux 48 (3): 238–244.

Getty, G.M., M.I. Haverty, and V.R. Lewis. 2000. Agonistic behavior between recently collected and laboratory cultured *Reticulitermes* spp. (Isoptera: Rhinotermitidae) from northern California. Pan-Pacific Entomologist 76 (4): 243–250.

Geyer, J.W.C. 1951. The reproductive organs of certain termites, with notes on the hermaphrodites of *Neotermes.* Entomology Memoirs, Department of Agriculture (South Africa) 2 (9): 232–325.

Gharib, J. 1976. *Microcerotermes diversus* Silv. (Isoptera—Metatermitidae). Entomologie et Phytopathologie Appliquées 40: 19–20. [in Farsi, with French summary]

Ghayourfar, R. 1993. *Amitermes messinae* Fuller and morphological comparison with *A. vilis* Hagen and *A.* sp. near *stephensoni* in Iran. Journal of Entomological Society of Iran 12–13: 22–23, 109–111. [in Farsi, with English summary]

Ghayourfar, R. 1995. Four new species of termiteas [sic] from Iran (new for science). Journal of Entomological Society of Iran 15: 57, 77.

Ghayourfar, R. 1996. Geographical distribution, morphological and micrometrical comparison of species *Anacanthotermes vagans* Hagen, *A. turkestanicus* Jacob. and *A. ahngerianus* Jacob. in Iran. Applied Entomology and Phytopathology 63 (1–2): 12–13, 40–51. [in Farsi, with English summary]

Ghayourfar, R. 1998. Two new termite species from Iran, *Anacanthotermes esmailii* sp. nov. and *Microcerotermes chhotanii* sp. nov. (Isoptera: Hodotermitidae and Termitidae). Journal of Entomological Society of Iran 16–17: 11–21, 27–29.

Ghayourfar, R. 1999. Three new termite species from Iran *Microcerotermes varaminicus* sp. n., *Amitermes iranicus* sp. n., and *Amitermes kharrazii* sp. n. (Isoptera, Termitidae, Termitinae). Journal of Entomological Society of Iran 18 (1–2): 16–31.

Ghayourfar, R. 2000a. Two new termite species from Iran, *Anacanthotermes bagherii* sp. nov. (Hodotermitidae) and *Amitermes azmayeshfardi* sp. nov. (Termitidae), new for the science. 14th Iranian Plant Protection Congress, September, 2000 14: 377.

Ghayourfar, R. 2000b. Preliminary phylogenetic studies of the genus *Anacanthotermes* (Isoptera: Hodotermitidae) distributed in Iran. Journal of Entomological Society of Iran 20 (1): 91–106. [in Farsi, with English abstract]

Ghayourfar, R. 2001. Report of *Amitermes belli* (Desneux) (Isop.: Termitidae) from Iran. Journal of Entomological Society of Iran 20 (2): 97–98.

Ghayourfar, R. 2002a. Biodiversity of termites in Iran. 1st Iranian Conference of Animal Science and Biodiversity 1: 21.

Ghayourfar, R. 2002b. Report of *Microtermes obesi* Holmgren from Baluchistan region, new record for termite fauna of Iran (Isoptera: Termitidae, Macrotermitinae). 15th Iranian Plant Protection Congress, September, 2002 15: 152.

Ghayourfar, R. 2004. Biogeography of the genus *Reticulitermes* Holmgren in Iran (Isoptera: Rhinotermitidae, Heterotermitinae). 16th Iranian Plant Protection Congress, 28 August–1 September 2004 16: 442.

Ghayourfar, R. 2005a. Study of termites associated with forest trees and shrubs in some regions of Iran. Iranian Journal of Forest and Range Protection Research 2 (2): 219.

Ghayourfar, R. 2005b. Appraising of colony density, foraging area and determination of the predominant species of subterranean termites using baiting system in Qum region. Applied Entomology and Phytopathology 72 (2): 1–4.

Ghayourfar, R. 2005c. A new termite species from Iran, *Microcerotermes shahroudiensis* sp. nov. (Isoptera: Termitidae). Zootaxa 1012: 39–44.

Ghayourfar, R. 2005d. Three new species of termite from Iran (Isoptera, Termitidae). Zoology in the Middle East 34: 61–66.

Ghayourfar, R., and M.S. Akhtar. 2005. Report of a new termite species from Iran, *Microcerotermes sistaniensis* sp. n. (Isoptera: Termitidae). Journal of Entomological Society of Iran 24 (2): 155–163.

Ghayourfar, R., and A.K. Pakdel. 2000. *Microcerotermes chaudhryi* Akhtar and *Amitermes baluchistanicus* Akhtar (Isoptera: Termitidae), new records for fauna of Iran. 14th Iranian Plant Protection Congress, September, 2000 14: 379.

Ghayourfar, R., M. Esmaili, and E. Bagheri-Zenous. 1995. The first report of *Psammotermes rajasthanicus* Roonwal and Bose, 1964 from Chabahar region (Isoptera, Rhinotermitidae, Psammotermitinae), new record for termite fauna of Iran. Journal of Entomological Society of Iran 15: 75–76.

Ghayourfar, R., M. Esmaili, and P. Azmayesh-Fard. 1998. Morphological, morphometrical and ecological characteristics of *Reticulitermes lucifugus* (Rossi, 1792) (Isoptera: Rhinotermitidae-Heterotermitinae). 13th Iranian Plant Protection Congress, August, 1998 13: 227.

Ghesini, S., and M. Marini. 2009. Caste differentiation and growth of laboratory colonies of *Reticulitermes urbis* (Isoptera, Rhinotermitidae). Insectes Sociaux 56: 309–318.

Ghidini, G.M. 1937a. Su alcuni Termitidae di Sumatra raccolti da E. Jacobson. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano 76: 317–329.

Ghidini, G.M. 1937b. Missione del Prof. Edoardo Zavattari nel paese dei Borana. Nuove specie di Termitidi (diagnosi preventive). Bollettino della Società Entomologica Italiana 69 (9–10): 141–143.

Ghidini, G.M. 1937c. Ulteriori risultati negli allevamenti di *Reticulitermes lucifugus* Ros. Bolletino della Società Italiana di Biologia Sperimentale 12 (9): 633–635.

Ghidini, G.M. 1938. Le termiti dell'Africa orientale italiana e loro importanza economica. Rivista di Biologia Coloniale 1: 221–235.

Ghidini, G.M. 1939a. Isoptera. *In* Reale Accademia d'Italia: Centro Studi per l'Africa Orientale Italiana (editor), Missione biologica nel paese dei Borana. Raccolte zoologiche. Vol. 3, Part 2: 185–193. Rome: Reale Accademia d'Italia, 466 pp.

Ghidini, G.M. 1939b. Studi sulle Termiti: 6º.—Ricerche sul quoziente respiratorio nelle diverse caste di *Reticulitermes lucifugus.* Rivista di Biologia Coloniale 2 (6): 385–399.

Ghidini, G.M. 1941. Missione Sagan-Omo (A.O.I.) diretta dal Prof. Edoardo Zavattari. Nuove specie di termitidi (diagnosi preventive). Bollettino della Società Entomologica Italiana 73 (2): 30–34.

Ghidini, G.M. 1955. Missione biologica Sagan-Omo diretta dal Prof. Edoardo Zavattari. Termitidae. Rivista di Biologia Coloniale 15: 69–82.

Ghilarov, M.S. 1962. Termites of the USSR, their distribution and importance. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 131–135. Paris: UNESCO, 259 pp.

Ghosh, A.K., S. Biswas, A.R. Lahiri, and M.R. Rynth. 1975a. Some records of insect fauna of Manas wild life sanctuary, Assam. Science and Culture 41 (8): 386–388.

Ghosh, A.K., S. Biswas, S.K. Chanda, R. Lahiri, and M.R. Rynth. 1975b. Some records of insect fauna of Kaziranga National Park, Assam. Science and Culture 41 (10): 502–504.

Gibson-Hill, C.A. 1947. Contributions to the natural history of Christmas Island, in the Indian Ocean. Isoptera. Bulletin of the Raffles Museum 18: 56–57.

Gibson-Hill, C.A. 1950. Notes on the insects taken on the Cocos-Keeling Islands. Bulletin of the Raffles Museum 22: 149–165.

Giebel, C.G. 1852. Deutschlands Petrefacten: ein systematisches Verzeichniss aller in Deutschland und den angrenzenden Ländern vorkommenden Petrefacten, nebst Angabe der Synonymen und Fundorte. Leipzig: Ambrosius Abel, xiii + 706 pp.

Giebel, C.G. 1856. Fauna der Vorwelt, Vol 2. Die Insekten und Spinnen der Vorwelt mit steter Berücksichtigung der lebenden Insekten und Spinnen. Leipzig: F.U. Brockhaus, xviii + 511 pp.

Gillison, A.N., D.T. Jones, F.-X. Susilo, and D.E. Bignell. 2003. Vegetation indicates diversity of soil macroinvertebrates: a case study with termites along a land-use intensification gradient in lowland Sumatra. Organisms, Diversity and Evolution 3: 111–126.

Gillott, C., and C.-M. Yin. 1972. Morphology and histology of the endocrine glands of *Zootermopsis angusticollis* Hagen (Isoptera). Canadian Journal of Zoology 50: 1537–1545.

Gilyarov, M.S. 1969. Isoptera. *In* L.A. Zenkevich (editor), The lives of animals. Vol. 3. Invertebrates—Arthropoda and Onychophora: 204–210. Moscow: Enlightenment Press, 6 vols. [in Russian]

Girard, M. 1879. Traité élémentaire d'entomologie. Vol. 2. Paris: J.-B. Baillière et Fils, 1028 pp.

Gisler, R. 1967. Über Protozoen im darm höherer Termiten (fam. Termitidae) der Elfenbeinkünste. Archiv für Protistenkunde 110: 77–178.

Glover, P.E. 1966. Some notes on *Hodotermes erithreensis* (Sjöstedt) *minor* Harris (Somali name: 'Abor aro madu') in British Somaliland. East African Wildlife Journal 4: 47–49.

Glover, P.E. 1967. Further notes on some termites of northern Somalia. East African Wildlife Journal 5: 121–132.

Glover, P.E., E.C. Trump, and L.E.D. Wateridge. 1964. Termitaria and vegetation patterns on the Loita plains of Kenya. Journal of Ecology 52: 367–377.

Gmelin, J.F. 1790. Caroli a Linné. Systema naturae per regna tria naturae: secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis [13th ed., Vol. 1, part 5]. Lipsiae [Leipzig]: George Emanuel Beer, 2225–3020 pp.

Gnanamuthu, C.P. 1947. The occurrence of termites at Krusadai Island. Current Science (Bangalore) 16 (5): 154–155.

Godinho, A.L., L.V. Lins, T.A. Gontijo, and D.J. Domingos. 1989. Aspectos da ecologia de *Constrictotermes cyphergaster* (Termitidae, Nasutitermitinae) em cerrado, Sete Lagoas, MG. Revista Brasileira de Biologia 49 (3): 703–708.

Godoy, M.C. 2003. Numero cromosomico Y mecanismo de determinacion del sexo en cuatro especies de Termitidae (Insecta, Isoptera) de la Provincia de Corrientes (Argentina). FACENA 19: 109–115.

Godoy, M.C. 2004. Gut structure of two species of the Neotropical genus *Tauritermes* Krishna (Isoptera: Kalotermitidae). Neotropical Entomology 33 (2): 163–167.

Godoy, M.C., and G.J. Torales. 1993. Morfologia del tubo digestivo de obreras del género *Termes* (Isoptera: Termitidae) de la region Neotropical. Revista de la Sociedad Entomológica Argentina 52 (1–4): 123–132.

Godoy, M.C., and G.J. Torales. 1994. Aportes al conocimiento del sistema reproductor de imagos y reinas de Termitidae Neotropicales (Isoptera, Nasutitermitinae y Termitinae). Papéis Avulsos de Zoologia (São Paulo) 39 (2): 13–27.

Godoy, M.C., and G.J. Torales. 1996. Morfológia del tubo digestiva de obreras de *Heterotermes longiceps* (Isoptera: Rhinotermitidae, Heterotermitinae). Biociências 4 (2): 31–40.

Godoy, M.C., and G.J. Torales. 1998. Aspectos morfoanatómicos del tubo digestivo de obreras mayores de *Syntermes obtusus* (Isoptera: Termitidae, Nasutitermitinae). Papéis Avulsos de Zoologia (São Paulo) 40 (16): 257–265.

Godoy, M.C., and G.J. Torales. 1999a. Importancia taxonomica de la valvula enterica en el genero *Grigiotermes* Mathews (Insecta, Isoptera, Termitidae). FACENA, Serie Ciencias Naturales 15: 19–23.

Godoy, M.C., and G.J. Torales. 1999b. Modificaciones del sistema digestivo y de la cadena ganglionar de tres Termitidae (Isoptera) neotropicales. Estudio comparado de hembras jóvenes y reinas fisogástricas. Revista de la Sociedad Entomológica Argentina 58 (3–4): 181–188.

Godoy, M.C., and G.J. Torales. 2000. Reproductive system of young male imagoes and kings of *Termes saltans* (Isoptera, Termitidae). Sociobiology 35 (1): 141–148.

Godoy, M.C., G.J. Torales, and A.C. Armua. 1990. Supervivencia de termitas des-socializadas en condiciones de laboratoria. FACENA, Serie Ciencias Naturales 8: 47–51.

Goellner, E.J. 1931. A new species of termite, *Reticulitermes arenincola,* from the sand dunes of Indiana and Michigan, along the shores of Lake Michigan. Proceedings of the Entomological Society of Washington 33 (9): 227–234.

Goetsch, W. 1933. Die chilenischen Termiten. Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere 64 (2): 227–244.

Goetsch, W. 1939. Neuartige Termitensoldaten aus Kunstnestern. Zoologischer Anzeiger 128: 209–216.

Goeze, J.A.E. 1783. Refer to De Geer (1783).

Goh, S.-H., C.-H. Chuah, Y.-P. Tho, and G.D. Prestwich. 1984. Extreme intraspecific chemical variability in soldier defense secretions of allopatric and sympatric colonies of *Longipeditermes longipes.* Journal of Chemical Ecology 10 (6): 929–944.

Goh, S.-H., C.-H. Chuah, J. Vadiveloo, and Y.-P. Tho. 1990. Soldier defense secretions of Malaysian free-ranging termite of the genus *Lacessititermes* (Isoptera, Nasutitermitinae). Journal of Chemical Ecology 16 (2): 619–630.

Goidanich, A. 1975. Omboni dott. Tito (attivo nella prima metà dell'800) viaggiatore naturalista lombardo. Redia 58: 686–688.

Goldenberg, F. [= Goldberger]. 1852. Prodrom einer Naturgeschichte der fossilen Insecten der Kohlenformation von Saarbrücken. Sitzungsberichte der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse, Abteilung I 9 (1): 38–39.

Goldenberg, F. 1854. Die fossilen Insecten der Kohlenformation von Saarbrücken. Palaeontographica 4: 17–38 + 5 pls.

Goldenberg, F. 1873. Fauna Saraepontana Fossilis: die fossilen Thiere aus der Steinkohlenformation von Saarbrücken, I. Saarbrücken, Germany: Chr. Möllinger, 26 pp. + 2 pls.

Goldenberg, F. 1877. Fauna Saraepontana Fossilis: die fossilen Thiere aus der Steinkohlenformation von Saarbrücken, II. Saarbrücken, Germany: Chr. Möllinger, iv + 54 pp. + 2 pls.

Goldoni, D., and F. Fontana. 1991. Localization of silver positive structures in mitotic and meiotic chromosomes of *Kalotermes flavicollis* (Fabr.) (Isoptera Kalotermitidae). Ethology Ecology and Evolution, Special Issue 1: 25–27.

Goldoni, D., M. Bergamini, M. Benvenuti, and F. Fontana. 1992. Amplification of ribosomal DNA in oocytes of *Reticulitermes lucifugus* (Isoptera Rhinotermitidae) revealed by silver impregnation. Ethology Ecology and Evolution, Special Issue 2: 95–98.

Gómez Pallerola, J.E. 1986. Nuevos insectos fósiles de las calizas litográficas del Cretácico Inferior del Montsec (Lérida). Boletín Geológico y Minero 97: 717–736 (6): 27–46.

Gonçalves, C.R., and A.G.A. Silva. 1962. Observações sôbre Isópteros no Brasil. Archivos do Museu Nacional (Rio de Janeiro) 52: 193–208.

Gonçalves, I. de S. 1979. Anatomia do tubo digestivo de *Rugitermes niger* Oliveira, 1979 (Isoptera, Kalotermitidae). Revista Brasileira de Entomologia 23 (4): 229–243.

Gonçalves, I. de S. 1980. Histologia do tubo digestivo de *Rugitermes niger* Oliveira, 1979 (Isoptera, Kalotermitidae). Revista Brasileira de Entomologia 24 (3–4): 215–226.

Gong, A.-H., L.-X. Han, D.-R. Gao, and B.-Z. Zhu. 1982. Studies on the termites from Sichuan I. Three new species of the genera *Glyptotermes* and *Stylotermes* from Chengdu and Xichang (Isoptera: Kalotermitidae and Rhinotermitidae). Zoological Research 3 (3): 281–287. [in Chinese, with English summary]

Gontijo, T.A., and D. Junqueira. 1991. Guild distribution of some termites from cerrado vegetation in south-east Brazil. Journal of Tropical Ecology 7 (4): 523–529.

Goodisman, M.A.D., and R.H. Crozier. 2002. Population and colony genetic structure of the primitive termite *Mastotermes darwiniensis.* Evolution 56 (1): 70–83.

Goodisman, M.A.D., and R.H. Crozier. 2003. Association between caste and genotype in the termite *Mastotermes darwiniensis* Froggatt (Isoptera: Mastotermitidae). Australian Journal of Entomology 42 (1): 1–5.

Goodisman, M.A.D., T.A. Evans, J.G. Ewen, and R.H. Crozier. 2001. Microsatellite markers in the primitive termite *Mastotermes darwiniensis.* Molecular Ecology Notes 1: 250–251.

Goodland, R.J.A. 1965. On termitaria in a savanna ecosystem. Canadian Journal of Zoology 43 (4): 641–650.

Göppert, H.R. 1855. Die Tertiäre Flora von Schossnitz in Schlesien. Görlitz, Germany: Heyn'sche Buchhandlung (E. Remer), xviii + 52 pp. + 26 pls.

Gould, K.A., J.E. Herrick, and H. Lezama. 2001. Refuse to refuge: dry season use and modification of cattle dung by subterranean termites in Guanacaste, Costa Rica. Biotropica 33 (1): 121–130.

Goulding, R.L., and R.W. Every. 1970. Oregon termites and their control. Oregon Insect Control Handbook 13: 294–298.

Goulding, R.L., and R.W. Every. 1973. Dampwood termite control. Oregon State University Extension Service Extension Circular 700: [2] pp.

Grace, J.K. 1990. Termites in eastern Canada: an updated review and bibliography. Stockholm: International Research Group on Wood Preservation, 6 pp.

Grace, J.K. 1992. Seasonal variation in cuticular hydrocarbon profiles of *Coptotermes formosanus* Shiraki. Proceedings 19th International Congress of Entomology, Beijing 1992: 242. [abstract]

Grace, J.K. 1996. Temporal and spatial variation in caste proportions in a northern *Reticulitermes flavipes* colony (Isoptera: Rhinotermitidae). Sociobiology 28 (2): 225–231.

Grace, J.K., I. Kubo, and S.E. Lindow. 1986. Measurement of termite (Isoptera: Rhinotermitidae) feeding on paper by video image analysis. Journal of Entomological Science 21 (1): 10–15.

Grace, J.K., D.L. Wood, and G.W. Frankie. 1988. Trail-following behavior of *Reticulitermes hesperus* Banks (Isoptera: Rhinotermitidae). Journal of Chemical Ecology 14 (2): 653–667.

Grace, J.K., A. Abdallay, and K.R. Farr. 1989. Eastern subterranean termite (Isoptera: Rhinotermitidae) foraging territories and populations in Toronto. Canadian Entomologist 121 (7): 551–556.

Grace, J.K., G.M. Cutten, R.H. Scheffrahn, and D.K.M. Kevan. 1991. First infestation by *Incisitermes minor* of a Canadian building (Isoptera: Kalotermitidae). Sociobiology 18 (3): 299–304.

Grace, J.K., D.L. Wood, and M. Kim. 1995a. Behavioural and chemical investigation of trail pheromone from the termite *Reticulitermes hesperus* Banks (Isopt., Rhinotermitidae). Journal of Applied Entomology 119: 501–505.

Grace, J.K., R.T. Yamamoto, and M. Tamashiro. 1995b. Relationship of individual worker mass and population decline in a Formosan subterranean termite colony (Isoptera: Rhinotermitidae). Environmental Entomology 24 (5): 1258–1262.

Grace, J.K., M.A. Sasaki, and J.R. Yates. 2003. Differences in tunneling behavior of *Coptotermes vastator* and *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 42 (3): 153–157.

Grandcolas, P. 1995. The appearance of xylophagy in cockroaches: two case studies with reference to phylogeny. Journal of Orthoptera Research 4: 177–184.

Grandcolas, P. 1996. The phylogeny of cockroach families: a cladistic appraisal of morpho-anatomical data. Canadian Journal of Zoology 74 (3): 508–527.

Grandcolas, P. 1997. What did the ancestors of the woodroach *Cryptocercus* look like? A phylogenetic study of the original of subsociality in the subfamily Polyphaginae (Dictyoptera, Blattaria). *In* P. Grandcolas (editor), The origin of biodiversity in insects: phylogenetic tests of evolutionary scenarios: 231–252. Mémoires du Muséum National d'Histoire Naturelle 173: 354 + [1].

Grandcolas, P., and C. d'Haese. 2001. The phylogeny of cockroach families: is the current molecular hypothesis robust? Cladistics 17: 48–55.

Grandcolas, P., and C. d'Haese. 2002. The origin of a 'true' worker caste in termites: phylogenetic evidence is not decisive. Journal of Evolutionary Biology 15: 885–888.

Grandcolas, P., and C. d'Haese. 2004. The origin of a 'true' worker caste in termites: mapping the real world on the phylogenetic tree. Journal of Evolutionary Biology 17: 461–463.

Grandi, G. 1988. Oogenesis in *Kalotermes flavicollis* (Fabr.) (Isoptera: Kalotermitidae). II—Prefollicular and follicular cell ultrastructure during oogenesis in female supplementary reproductives. Bollettino di Zoologia 55: 279–292.

Grandi, G. 1991. Oogenesis in immature stages and sterile castes of *Kalotermes flavicollis* (Fabr.) (Isoptera Kalotermitidae). Ethology Ecology and Evolution, Special Issue 1: 29–32.

Grandi, G. 1992a. Ultrastructural study of testis development and spermatogenesis in *Kalotermes flavicollis* (Fabr.) (Isoptera, Kalotermitidae). Bollettino di Zoologia 59: 225–238.

Grandi, G. 1992b. Preliminary observations on spermatogenesis in immature stages and fertile and sterile castes of *Kalotermes flavicollis* (Fabr.) (Isoptera Kalotermitidae). Ethology Ecology and Evolution, Special Issue 2: 99–104.

Grandi, G. 1994. Ovary and testis development in different stages and in the sterile caste of *Kalotermes flavicollis* (Fabr.) (Isoptera Kalotermitidae). Ethology Ecology and Evolution, Special Issue 3: 17–23.

Grandi, G., and M. Chicca. 1999. Oogenesis in supplementary reproductives of *Reticulitermes lucifugus* Rossi (Isoptera Rhinotermitidae): an ultrastructural study. Invertebrate Reproduction and Development 35 (1): 65–79.

Grandi, G., and G. Colombo. 1987. Preliminary observations about ovaries in soldiers, pseudergates and nymphs in *K. flavicollis* (Fabr.) (Isoptera: Kalotermitidae). Acta Embryologiae et Morphologiae Experimentalis 8 (2–3): 263–268.

Grassé, P.-P. 1936. Les termites en Afrique occidentale française: leur importance economique. Les moyens de lutte. Revue de Pathologie Végétale et d'Entomologie Agricole de France 23 (4): 265–306.

Grassé, P.-P. 1937a. Recherches sur la systématique et la biologie des termites de l'Afrique occidentale française. Première partie: Protermitidae, Mesotermitidae, Metatermitidae (Termitinae). Annales de la Société Entomologique de France 106 (1): 1–100 + 4 pls.

Grassé, P.-P. 1937b. Mission de l'Omo. Le *Bellicositermes jeanneli,* n. sp. Constructeur de grandes termitières à chiminée. Bulletin de la Société Entomologique de France 42 (5): 71–73.

Grassé, P.-P. 1938. *Calotermes dispar,* n. sp.: termite nouveau des îles Canaries. Le polymorphisme des soldats chez les Calotermitides. Bulletin de la Société Entomologique de France 42 [1937]: 291–295.

Grassé, P.-P. 1939a. Les termites de l'île de Madère. Bulletin Bimensuel de la Société Entomologique de France 44 (13–14): 179–184.

Grassé, P.[-]P. 1939b. Comportement et particularités physiologiques des soldats de termites. Bulletin de la Société Zoologique de France 64: 251–262.

Grassé, P.-P. 1939c. La reconstruction du nid et le travail collectif chez les termites supérieurs. Journal de Psychologie Normale et Pathologique 1939: 370–396.

Grassé, P.-P. 1943. Description et éthologie de *Rostrotermes cornutus,* n. g., n. sp., termite à soldat hypertélique. Archives de Zoologie Expérimentale et Générale 83 (2): 71–82.

Grassé, P.-P. 1945. Recherches sur la biologie des termites champignonnistes (Macrotermitinae). Annales des Sciences Naturelles, Botanique et Zoologie (11) 6 (1) [1944]: 97–171 + 10 pls.

Grassé, P.-P. 1947. Recherches sur la biologie des termites champignonnistes (Macrotermitinae). Annales des Sciences Naturelles, Botanique et Zoologie (11) 7 (2) [1945]: 115–146 + 2 pls.

Grassé, P.-P. 1949. Ordre des isoptères ou termites. *In* P.-P. Grassé, Traité de zoologie. Vol. 9: 408–544. Paris: Masson et Cie, 1117 pp.

Grassé, P.[-]P. 1952a. Rôle des flagellés symbiotiques chez les blattes et les termites. Tijdschrift voor Entomologie 95 (1–2): 70–80.

Grassé, P.-P. 1952b. Le polymorphisme des termites et la determination des castes. Transactions of the Ninth International Congress of Entomology 1: 51–62.

Grassé, P.-P. 1954. Origine et répartition géographique des termites français. Annales de l'École National d'Agriculture de Montpellier 29 (3–4): 17–21.

Grassé, P.-P. 1958. Sur le nid et la biologie de *Cornitermes cumulans* (Kollar), termites brésilien. Insectes Sociaux 5 (2): 189–199 + 4 pls.

Grassé, P.-P. 1959. La reconstruction du nid et les coordinations interindividuelles chez *Bellicositermes natalensis* et *Cubitermes* sp. La théorie de la stigmergie: essai d'interprétation du comportement des termites constructeurs. Insectes Sociaux 6 (1): 41–83.

Grassé, P.[-]P. 1962. Un nouveau type de symbiose: la meule alimentaire des termites champignonnistes. Proceedings of the All-India Congress of Zoology 1 (2) [1959]: 42–48.

Grassé, P.-P. 1967. Nouvelles expériences sur le termite de Müller (*Macrotermes mülleri*) et considérations sur la théorie de la stigmergie. Insectes Sociaux 14 (1): 73–102.

Grassé, P.-P. 1978. Sur la véritable nature et le rôle des meules à champignons construites par les termites Macrotermitinae (Isoptera Termitidae). Comptes Rendus des Séances de l'Académie des Sciences, D, Sciences Naturelles 287: 1223–1226.

Grassé, P.-P. 1982a. La termitière polycalique d'*Apicotermes lamani* et sa construction. Remarques sur le comportement constructeur des Apicotermitinae et son évolution. Annales des Sciences Naturelles, Zoologie (13) 3 (3) [1981]: 147–190.

Grassé, P.-P. 1982b. Termitologia. Anatomie–physiologie–biologie–systématique des termites. Vol. 1, anatomie, physiologie, reproduction. Paris: Masson, xiv + 676 pp.

Grassé, P.-P. 1984. Termitologia. Anatomie–physiologie–biologie–systématique des termites. Vol. 2, fondation des societes, construction. Paris: Masson, ix + 1 + 613 pp.

Grassé, P.-P. 1985. Termitologia. Anatomie–physiologie–biologie–systématique des termites. Vol. 3, comportement, socialité, écologie, evolution, systematique. Paris: Masson, xi + 715 pp.

Grassé, P.-P., and R. Chauvin. 1944. L'effet de groupe et la survie des neutres dans las sociétés d'insectes. Revue Scientifique (Paris) 82 (7): 461–464.

Grassé, P.-P., and R. Heim. 1950. Un *Termitomyces* sur meules d'un *Ancistrotermes* Africain. Revue Scientifique (Paris) 88 (1): 3–13.

Grassé, P.-P., and A. Hollande. 1947. La structure d'une hypermastigine complexe *Staurojoenina caulleryi.* Annales des Sciences Naturelles, Botanique et Zoologie (11) 7 [1945]: 147–[160] + 2 pls.

Grassé, P.-P., and A. Hollande. 1950. Recherches sur les flagellés termiticoles: les sous-familles des *Devescovininae* Kirby et des *Macrotrichomonadinae* nov. Annales des Sciences Naturelles, Zoologie (11) 12 (2) [1945]: 25–64 + 4 pls.

Grassé, P.-P., and P. Joly. 1941. La teneur en matières organiques de quelques terres de termitières. Bulletin de la Société Zoologique de France 66 (1): 57–62.

Grassé, P.-P., and C. Noirot. 1945. La transmission des flagellés symbiotiques et les aliments des termites. Bulletin Biologique de la France et de la Belgique 79 (4): 273–292.

Grassé, P.-P., and C. Noirot. 1948a. La biologie et les constructions du termite *Apicotermes arquieri* n. sp. Comptes Rendus des Séances de l'Académie des Sciences 227 (15): 735–736.

Grassé, P.-P., and C. Noirot. 1948b. La sociotomie, mode de fondation de sociétés nouvelles chez les termites. Comptes Rendus des Séances de l'Académie des Sciences 227: 781–783.

Grassé, P.-P., and C. Noirot. 1948c. La "climatisation" de la termitière par ses habitants et le transport de l'eau. Comptes Rendus des Séances de l'Académie des Sciences 227: 869–871.

Grassé, P.-P., and Noirot, C. 1949. Sur le nid et la biologie du *Sphaerotermes sphaerothorax* (Sjöstedt) termite constructeur de meules sans champignons. Annales des Sciences Naturelles, Zoologie (11) 10 [1948]: 149–166.

Grassé, P.-P., and C. Noirot. 1950. Documents sur la biologie de l'*Odontotermes magdalenae* n. sp. Annales des Sciences Naturelles, Zoologie 12: 117–142 + 2 pls.

Grassé, P.-P., and C. Noirot. 1951a. Nouvelles recherches sur la biologie de divers termites champignonnistes (Macrotermitinae). Annales des Sciences Naturelles, Zoologie (11) 13 (3): 291–342 + 4 pls.

Grassé, P.-P., and C. Noirot. 1951b. La sociotomie: migration et fragmentation de la termitière chez les *Anoplotermes* et les *Trinervitermes.* Behaviour 3 (2): 146–166 + 1 pl.

Grassé, P.-P., and C. Noirot. 1955a. *Apicotermes arquieri* (Isoptère): ses constructions, sa biologie. Considérations générales sur la sous-famille des Apicotermitinae nov. Annales des Sciences Naturelles, Zoologie (11) 16 (3–4) [1954]: 345–388 + 5 pls.

Grassé, P.-P., and C. Noirot. 1955b. La fondation de nouvelles sociétés par *Bellicositermes natalensis* Hav. Insectes Sociaux 2: 213–220.

Grassé, P.-P., and C. Noirot. 1957a. La genèse et l'évolution des termitières géantes en Afrique Equatoriale Française. Comptes Rendus des Séances de l'Académie des Sciences 244: 974–979.

Grassé, P.-P., and C. Noirot. 1957b. La signification des meules à champignons des Macrotermitinae (Ins. isoptères). Comptes Rendus des Séances de l'Académie des Sciences 244 (14): 1845–1850.

Grassé, P.-P., and C. Noirot. 1957c. La société de "*Calotermes flavicollis*" (Insecte Isoptère), de sa fondation au premier essaimage. Comptes Rendus des Séances de l'Académie des Sciences 246: 1789–1795.

Grassé, P.-P., and C. Noirot. 1958a. Construction et architecture chez les termites champignonnistes (Macrotermitinae). Proceedings 10th International Congress of Entomology, Montreal 1956 2: 515–520.

Grassé, P.-P., and C. Noirot. 1958b. Le comportement des termites à l'égard de l'air libre. L'atmosphère des termitières et son renouvellement. Annales des Sciences Naturelles, Zoologie (11) 20: 1–27 + 4 pls.

Grassé, P.-P., and C. Noirot. 1958c. La meule des termites champignonnistes et sa signification symbiotique. Annales des Sciences Naturelles, Zoologie (11) 20: 113–128 + 2 pls.

Grassé, P.-P., and C. Noirot. 1959. L'évolution de la symbiose chez les isoptères. Experientia (Basel) 15 (10): 365–372.

Grassé, P.-P., and C. Noirot. 1960a. Rôle respectif des mâles et des femelles dans la formation des sexués néoténiques chez *Calotermes flavicollis.* Insectes Sociaux 7 (2): 109–123.

Grassé, P.-P., and C. Noirot. 1960b. L'isolement chez le termite a cou jaune (*Calotermes flavicollis* Fab.) et ses conséquences. Insectes Sociaux 7 (4): 123–331.

Grassé, P.-P., and C. Noirot. 1961. Nouvelles recherches sur la systématique et l'éthologie des termites champignonnistes du genre *Bellicositermes* Emerson. Insectes Sociaux 8 (4): 311–359 + 20 pls.

Grassé, P.-P., C. Noirot, G. Clément, and H. Buchli. 1950. Sur la signification de la caste des ouvriers chez les termites. Comptes Rendus des Séances de l'Académie des Sciences 230: 892–895.

Grassi, B., and D.A. Sandias. 1893. Costituzione e sviluppo della società dei termitidi: osservazioni sui loro costumi con un'appendice sui protozoi parassiti dei termitidi e sulla famiglia delle embidine. Atti dell'Accademia Gioenia di Scienze Naturali, Catania 6–7: 1–150 + 5 pls.

Gray, B. 1968. Forest tree and timber insect pests in the territory of Papua and New Guinea. Pacific Insects 10: 301–323.

Gray, B., and G. Dhanarajan. 1974. Processional trails of the black termite *Longipeditermes longiceps* (Haviland) (Isoptera: Termitidae). Insectes Sociaux 21 (2): 151–156.

Greaves, T. 1959. Termites as forest pests. Australian Forestry 23 (2): 114–120.

Greaves, T. 1962. Studies of foraging galleries and the invasion of living trees by *Coptotermes acinaciformis* and *C. brunneus* (Isoptera). Australian Journal of Zoology 10 (4): 630–651 + 2 pls.

Greaves, T. 1964. Temperature studies of termite colonies in living trees. Australian Journal of Zoology 12 (2): 250–262.

Greaves, T. 1967. Experiments to determine the populations of tree-dwelling colonies of termites (*Coptotermes acinaciformis* (Froggatt) and *C. frenchi* Hill). Council of Scientific and Industrial Research Organization (Australia) Technical Paper 7: 19–33.

Green, E.E. 1913. Catalogue of Isoptera (termites) recorded from Ceylon. Spolia Zeylanica 9 (33): 7–15.

Green, J.M., M.E. Scharf, and G.W. Bennett. 2006. Agonism and resource partitioning of subterranean termites (Isoptera: Rhinotermitidae), *Reticulitermes flavipes* and *R. tibialis* in a laboratory assay. Sociobiology 47 (2): 315–327.

Greenberg, S.L.[W.], and K.A. Plavcan. 1986. Morphology and chemistry of the mandibular gland complex in the primitive termite, *Zootermopsis angusticollis* (Hagen) (Isoptera: Hodotermitidae). International Journal of Insect Morphology and Embryology 15 (4): 283–292.

Greenberg, S.L.W., and A.M. Stuart. 1979. The influence of group size on ovarian development in adult and neotenic reproductives of the termite *Zootermopsis angusticollis* (Hagen) (Hodotermitidae). International Journal of Invertebrate Reproduction 1: 99–108.

Greenberg, S.[L.W.], and S.S. Tobe. 1985. Adaptation of a radiochemical assay for juvenile hormone biosynthesis to study caste differentiation in a primitive termite. Journal of Insect Physiology 31 (5): 347–352.

Griffin, F.J. 1940. The description of *Hodotermes ubachi* Navas, 1911 (Isoptera). Entomologist 73: 64.

Griffin, F.J. 1951. A bibliography of the Isoptera (termites) 1758–1949. Journal of the Society for the Bibliography of Natural History 2 (8): 261–368.

Grigg, G.C. 1973. Some consequences of the shape and orientation of "magnetic" termite mounds. Australian Journal of Zoology 21: 231–237.

Grigg, G.C., and A.J. Underwood. 1977. An analysis of the orientation of 'magnetic' termite mounds. Australian Journal of Zoology 25: 87–94.

Grigg, G., P. Jacklyn, and L. Taplin. 1988. The effects of buried magnets on colonies of *Amitermes* spp. building magnetic mounds in northern Australia. Physiological Entomology 13: 285–289.

Grimaldi, D.[A.]. 1996. Captured in amber. Scientific American 274 (4): 85–91.

Grimaldi, D.[A.]. 1997. A fossil mantis (Insecta: Mantodea) in Cretaceous amber of New Jersey, with comments on the early history of the Dictyoptera. American Museum Novitates 3204: 1–11.

Grimaldi, D.[A.], ed. 2000. Studies on fossils in amber, with particular reference to the Cretaceous of New Jersey. Leiden: Backhuys Publishers, viii + 498 pp.

Grimaldi, D.[A.]. 2001. Insect evolutionary history from Handlirsch to Hennig and beyond. Journal of Paleontology 75 (6): 1152–1160.

Grimaldi, D.[A.], and M.S. Engel. 2005. Evolution of the insects. Cambridge: Cambridge University Press, xv + 755 pp.

Grimaldi, D.A., M.S. Engel, and P.C. Nascimbene. 2002. Fossiliferous Cretaceous amber from Myanmar (Burma): its rediscovery, biotic diversity, and paleontological significance. American Museum Novitates 3361: 1–72.

Grimaldi, D.A., M.S. Engel, and K. Krishna. 2008. The species of Isoptera (Insecta) from the Early Cretaceous Crato formation: a revision. American Museum Novitates 3626: 1–30.

Gross, G.F. 1975. The land invertebrates of the New Hebrides and their relaionships. Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences 272: 391–421.

Grube, S. 2000. Soil dumps—indicators of foraging activity by *Hodotermes mossambicus* (Hagen) (Isoptera: Hodotermitidae) in northern Namibia? Cimbebasia 16: 269–270.

Grube, S. 2006. Termiten der semi-ariden Savannen Namibias—ökologische Bedeutung und Anpassungsstrategien in einem extremen Lebensraum. Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin 44: 25–39.

Grube, S., and B.T. Forschler. 2004. Census of monogyne and polygyne laboratory colonies illuminates dynamics of population growth in *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 97 (3): 466–475.

Grube, S., and D. Rudolph. 1999a. Water supply during building activities in the subterranean termite *Reticulitermes santonensis* De [sic] Feytaud (Isoptera, Rhinotermitidae). Insectes Sociaux 46: 192–193.

Grube, S., and D. Rudolph. 1999b. The labial gland reservoirs (water sacs) in *Reticulitermes santonensis* (Isoptera: Rhinotermitidae): studies of the functional aspects during microclimatic moisture regulation and individual water balance. Sociobiology 33 (3): 307–323.

Grube, S., D. Rudolph, and I. Zerbst-Boroffka. 1997. Morphology, fine structure, and functional aspects of the labial gland reservoirs of the subterranean termite *Reticulitermes santonensis* de Feytaud (Isoptera; Rhinotermitidae). International Journal of Insect Morphology and Embryology 26 (1): 49–53.

Gu, M.-B., P.-Z. Chen, Z.-M. Ping, and Y.-L. Xu. 1995. The fauna and ecological distribution of termite[s] at Jianfengling in Hainan Island. Forest Research 8 (6): 647–650. [in Chinese, with English summary]

Guangxi Termite Investigation and Control Research Unit. 1995. Horizontal and vertical distribution of Isoptera in Guangxi. Science and Technology of Termites 12 (2): 9–15. [in Chinese, with English summary]

Guérin-Méneville, F.E. 1837. Iconographie du règne animal de G. Cuvier, ou représentation d'après nature de l'une des espèces les plus remarquables et souvent non encore figurees, de chaque genre animaux. avec un texte descriptif mis au courant de la science. Ouvrage pouvant servir d'atlas à tous traites de zoologie. Vol. 2. Paris: J.B. Baillière, 104 pls. [The correct date for plate 63 in Vol. 2 is 1837 (where "*Termes lucifugum* Rossi" appears as figure 3), according to Cowan, C.F. 1971. On Guérin's iconography, particularly the insects: Journal of the Society for the Bibliography of Natural History 6 (1): 18–29; the text for the plates was published in 1844.]

Guérin-Méneville, F.E. 1844. Iconographie du règne animal de G. Cuvier, ou représentation d'après nature de l'une des espèces les plus remarquables et souvent non encore figurees, de chaque genre animaux. Avec un texte descriptif mis au courant de la science. Ouvrage pouvant servir d'atlas à tous traites de zoologie. Vol. 3. Paris: J.B. Baillière, xvi + 576 pp.

Gulmahamad, H. 1995. The desert dampwood termite (Isoptera: Kalotermitidae) as a structural pest in the Colorado Desert of southern California. Pan-Pacific Entomologist 71 (2): 105–109.

Gulmahamad, H. 1996. *Ganthamitermes perplexus* (Banks) (Isoptera: Termitidae): a nuisance structural termite pest in southern California. Pan-Pacific Entomologist 72 (1): 37–38.

Gulmahamad, H. 2002. Survival strategy of a western drywood termite colony, *Incisitermes minor,* (Isoptera: Kalotermitidae) established in a limited food source. Sociobiology 40 (3): 595–603.

Gupta, S.D. 1953. Ecological studies of termites. Part II. Occurrence of deserted royal chambers, the directional position of the queen, and the size of the queen with respect to mound-size in the mound-building termite, *Odontotermes obesus* (Rambur). (Isoptera: Family Termitidae). Proceedings of the National Institute of Sciences of India 19 (5): 705–712.

Gupta, S.D. 1962a. Morphology of the primitive termite, *Anacanthotermes macrocephalus* (Desneux) (Isoptera: Hodotermitidae). Part 1. External morphology of the soldier caste. Records of the Indian Museum 58 (3–4) [1960]: 169–194.

Gupta, S.D. 1962b. Morphology of the primitive termite, *Anacanthotermes macrocephalus* (Desneux) (Isoptera: Hodotermitidae). Part 2. External morphology of the alate and worker castes. Records of the Indian Museum 58 (3–4) [1960]: 195–222.

Gush, T.J., B.L. Bentley, G.D. Prestwich, and B.L. Thorne. 1985. Chemical variation in defensive secretions of four species of *Nasutitermes*. Biochemical Systematics and Ecology 13 (3): 329–336.

Guzmán, R. 1966. *Termes* citados para Chile. Museo Nacional de Historia Natural (Santiago) Publicación Ocasional 10: 1–11.

Haagsma, K.A., and M.K. Rust. 1995. Colony size estimates, foraging trends, and physiological characteristics of the western subterranean termite (Isoptera: Rhinotermitidae). Environmental Entomology 24 (6): 1520–1528.

Haas, F., and J. Kukalová-Peck. 2001. Dermaptera hindwing structure and folding: new evidence for familial, ordinal and superordinal relationships within Neoptera (Insecta). European Journal of Entomology 98 (4): 445–509.

Haase, E. 1890. Bemerkungen zur Palaeontologie der Insecten. Neues Jahrbuch für Mineralogie, Geologie und Palaeontologie 2: 1–33.

Hacker, M., M. Kaib, R.K.N. Bagine, J.T. Epplen, and R. Brandl. 2005. Unrelated queens coexist in colonies of the termite *Macrotermes michaelseni.* Molecular Ecology 14: 1527–1532.

Hafez, M. 1980. Highlights of the termite problem in Egypt. Sociobiology 5 (2): 147–153.

Hagen, H.A. 1853. Hr. Peters Berichtete über die von ihm gesammelten und von Hrn. Dr. Hermann Hagen bearbeiteten Neuropteren aus Mossambique. Bericht über die zur Bekanntmachung Geeigneten Verhandlungen der Königlichen Preussischen Akademie der Wissenschaften zu Berlin 18: 479–484.

Hagen, H.A. 1854. Ueber die Neuropteren der Bernsteinfauna. Verhandlungen der Zoologisch-Botanischen Vereins in Wien 4: 221–232.

Hagen, H.A. 1855. Monographie der Termiten. Linnaea Entomologica 10: 1–144, 270–325.

Hagen, H.A. 1858a. Synopsis der Neuroptera Ceylons. Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien 8: 471–488.

Hagen, H.A. 1858b. Catalogue of the specimens of neuropterous insects in the collection of the British Museum. Part I. Termitina. London: Trustees of the British Museum, 34 pp.

Hagen, H.A. 1858c. Monographie der Termiten. Linnaea Entomologica 12: i–iii + 4–342 + 459 + 3 pls.

Hagen, H.A. 1859. Synopsis der Neuroptera Ceylons (Pars II). Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien 9: 199–212.

Hagen, H.A. 1860a. Monographie der Termiten. Linnaea Entomologica 14: 73–99.

Hagen, H.A. 1860b. Nachtrag zur Monographie der Termiten. Linnaea Entomologica 14: 100–128.

Hagen, H.A. 1861a. An entomological trip to Oxford. Entomologist's Weekly Intelligencer 10: 165–168.

Hagen, H.A. 1861b. Synopsis of the Neuroptera of North America. With a list of South American species, prepared for the Smithsonian Institution. Smithsonian Miscellaneous Collections 4 [1862]: i–xx + 1–347.

Hagen, H.A. 1862a. Neuroptera. Netzflügler. *In* W.C.H. Peters (editor), Naturwissenschafliche Reise nach Mossambique auf Befehl seiner Majestät des Königs Friedrich Wilhelm IV in den Jahren 1842 bis 1848 ausgefürht von Wilhelm C.H. Peters. Zoologie. V. Insekten und Myriopoden: 57–106. Berlin, Germany: G. Reimer, 566 + xxi pp. + 35 pls.

Hagen, H.A. 1862b. Ueber die Neuroptern [sic] aus dem lithographischen Schiefer in Bayern. Palaeontographica 10 (2): 96–145 + 3 pls.

Hagen, H.A. 1863. Neuropteren aus des Braunkohle von Rott im Siebengebirge. Palaeontographica 10: 247–269.

Hagen, H.A. 1865. The Neuroptera of Madeira. Entomologist's Monthly Magazine 2: 8–11.

Hagen, H.A. 1866. Die Neuropteren Spaniens nach Ed. Pictet's Synopsis des neuroptères d'Espagne. Genève, 1865. 8. tab. 14 col und Dr. Staudingers Mittheilungen. Stettiner Entomologische Zeitung 27: 281–302.

Hagen, H.A. 1868. On a wingless white ant from Japan. Proceedings of the Boston Society of Natural History 11: 399–400.

Hagen, H.A. 1869. [Communication on "*Hodotermes japonicus*"]. Proceedings of the Boston Society of Natural History 12: 139.

Hagen, H.A. 1873. Report on the Pseudoneuroptera and Neuroptera of North America in the collection of the late Th. W. Harris. Proceedings of the Boston Society of Natural History 15: 263–301.

Hagen, H.A. 1874. Report on the pseudo-Neuroptera and Neuroptera collected by Lieut. W.L. Carpenter in 1873 in Colorado. Annual Report of the U.S. Geological Survey Territories for 1873: 571–606.

Hagen, H.A. 1876. The probable danger from white ants. American Naturalist 10 (7): 401–410.

Hagen, H.A. 1877. Note by Dr. Hagen. Proceedings of the Boston Society of Natural History 19: 73–73.

Hagen, H.[A.]. 1878. Some remarks upon white ants. Proceedings of the Boston Society of Natural History 20: 121–124.

Hagen, H.A. 1884. Ueber Termitenschaden. Stettiner Entomologische Zeitung 14: 167–172.

Hagen, H.A. 1889. The female of *Eutermes rippertii.* Psyche (Cambridge) 5: 203–208.

Hagen, W., von. 1938. Contribution to the biology of *Nasutitermes* (sensu stricto). Proceedings of the Zoological Society of London (A) 108 (1): 39–49 + 5 pls.

Hahn, P.D. 1993a. Social control of polymorphism in *Zootermopsis nevadensis* (Isoptera: Termopsidae). I. Effects of reproductives and of soldiers on the reproductivity of pseudergates. Sociobiology 21 (3): 347–356.

Hahn, P.D. 1993b. Social control of polymorphism in *Zootermopsis nevadensis* (Isoptera: Termopsidae). II. Effects of group size and of reproductives on the development of last-stage nymphs. Sociobiology 21 (3): 357–367.

Hahn, P.D. 1994. Colony composition in *Zootermopsis* (Isoptera: Termopsidae). Sociobiology 24 (3): 269–276.

Hahn, PD. 1995. Relatedness asymmetry and the evolution of eusociality. Sociobiology 26 (1): 1–32.

Hahn, P.D., and T.G. Myles. 1994. Rates of reproductivity and caste mimicry in the primitive damp-wood termite genus *Zootermopsis* (Isoptera: Termopsidae). Sociobiology 24 (3): 313–322.

Hahn, P.D., and A.M. Stuart. 1987. Sibling interactions in two species of termites: a test of the haplodiploid analogy (Isoptera: Kalotermitidae; Rhinotermitidae). Sociobiology 13 (2): 83–92.

Haldar, P., and B.K. Bhattacharyya. 1990. The swarming behaviour of *Odontotermes redemanni* (Wasmann) in the laterite zone of West Bengal. Annals of Entomology (Dehra Dun) 8 (1): 51–53.

Haldeman, S.S. 1844. Descriptions of insects, presumed to be undescribed. Proceedings of the Academy of Natural Sciences of Philadelphia 2 (2): 53–55.

Haldeman, S.S. 1854. Descriptions of some new species of insects, with observations on described species. Proceedings of the Academy of Natural Sciences of Philadelphia 6: 361–365.

Hall, P., and J.F.A. Traniello. 1985. Behavioral bioassays of termite trail pheromones. Recruitment and orientation effects of cembrene-A in *Nasutitermes costalis* (Isoptera: Termitidae) and discussion of factors affecting termite response in experimental contexts. Journal of Chemical Ecology 11 (11): 1503–1513.

Hamilton, K.G.A. 1972. The insect wing, part III. Venation of the orders. Journal of the Kansas Entomological Society 45: 145–162.

Hamilton, W.D. 1964. The genetical evolution of social behavior, I and II. Journal of Theoretical Biology 7: 1–52.

Han, M.-Z. 1983. A new species of the genus *Incisitermes* Krishna (Isoptera: Kalotermitidae). Contributions from Shanghai Institute of Entomology 3 [1982]: 199–204. [in Chinese, with English summary]

Han, M.-Z. 1984. Four new species of the genus *Neotermes* Holmgren from China (Isoptera: Kalotermitidae). Contributions from Shanghai Institute of Entomology 4: 191–202. [in Chinese, with English summary]

Han, M.-Z. 1986. Three new species of the genus *Macrotermes* from China (Isoptera: Termitidae). Contributions from Shanghai Institute of Entomology 6: 183–193. [in Chinese, with English summary]

Han, M.-Z. 1987. Two new species of the genus *Globitermes* from China (Isoptera: Termitidae). Contributions from Shanghai Institute of Entomology 7: 159–164. [in Chinese, with English summary]

Han, M.-Z. 1990. A new species of the genus *Macrotermes* from the Xizang Autonomous Region (Tibet), China (Isoptera: Termitidae). Contributions from Shanghai Institute of Entomology 8 [1988]: 175–178. [in Chinese, with English summary]

Han, M.-Z., and F. Yan. 1980. A preliminary report on the comparative tests of termite trail-following pheromone analogues from fungus-infected wood. Acta Entomologica Sinica 23 (3): 260–264. [in Chinese, with English title, abstract, and reference list]

Han, S.H., and C. Bordereau. 1982a. Ultrastructure of the fat body of the reproductive pair in higher termites. Journal of Morphology 172 (3): 313–322.

Han, S.H., and C. Bordereau. 1982b. Origin and formation of the royal fat body of the higher termite queens. Journal of Morphology 173 (1): 17–28.

Han, S.H., and C. Bordereau. 1992. From colony foundation to dispersal flight in a higher fungus-growing termite, *Macrotermes subhyalinus* (Isoptera, Macrotermitinae). Sociobiology 20 (3): 219–231.

Han, S.H., and M. Lepage. 1991. Croissance des sociétés de *Cubitermes fungifaber* (Isoptera, Termitidae) en relation avec les dimensions de leurs nids. Annales des Sciences Naturelles, Zoologie et Biologie Animale (13) 12 (2): 49–56.

Han, S.H., and A.B. Ndiaye. 1996. Degâts causes par les termites (Isoptera) sur les arbres fruitiers dans la region de Dakar (Senegal). Actes des Colloques Insectes Sociaux 10: 111–117.

Han, S.H., and A.B. Ndiaye. 1998. L'attaque des cultures maraîchères par les termites (Isoptera) dans la région de Dakar (Sénégal). Actes des Colloques Insectes Sociaux 11: 37–43.

Han, S.H., and C. Noirot. 1984. Développement de la jeune colonie chez *Cubitermes fungifaber* (Sjöstedt) (Isoptera, Termitidae). Annales de la Société Entomologique de France (n.s.) 19 (4) [1983]: 413–420.

Handlirsch, A. 1904. Zur Systematik der Hexapoden. Zoologischer Anzeiger 27 (23–24): 733–759.

Handlirsch, A. 1906. Die fossilen Insekten und die Phylogenie der Rezenten Formen: ein Handbuch für Paläontologen und Zoologen. Leipzig: W. Engelmann, i–ix + 1–640 pp. + pls. 1–36.

Handlirsch, A. 1907. Die fossilen Insekten und die Phylogenie der Rezenten Formen: ein Handbuch für Paläontologen und Zoologen. Leipzig: W. Engelmann, 641–1120 pp. + pls. 37–51.
Handlirsch, A. 1908. Die fossilen Insekten und die Phylogenie der Rezenten Formen: ein Handbuch für Paläontologen und Zoologen. Leipzig: W. Engelmann, 1121–1430 pp.
Handlirsch, A. 1921. Geschichte, Literatur, Technik, Paläontologie, Phylogenie, Systematik: Palaeontologie: Ordnung Isoptera (Brullé) Comstock. *In* C. Schröder (editor), Handbuch der Entomologie. Vol. 3 [1921–1925]: 223–224. Jena, Germany: Gustav Fischer, 1201 pp.
Handlirsch, A. 1923. Geschichte, Literatur, Technik, Paläontologie, Phylogenie, Systematik: systematische Übersicht: Ordnung Isoptera (Brullé) Comst. (Termiten). *In* C. Schröder (editor), Handbuch der Entomologie. Vol. 3 [1921–1925]: 502–506. Jena, Germany: Gustav Fischer, 1201 pp.
Handlirsch, A. 1930. 12. Ordnung der Pterygogenea: Isoptera oder Termiten. Handbuch der Zoologie 4 (8): 840–858.
Handlirsch, A. 1939. Neue Untersuchungen über die fossilen Insekten mit Ergänzungen und Nachträgen sowie Ausblicken und phylogenetische, paläogeographische und allgemeinbiologische Probleme. II. Teil. Annalen des Naturhistorischen Museums in Wien 49: 1–240.
Hansell, M.H. 1989. Les nids des insectes sociaux. Recherche (Paris) 20 (206): 14–22.
Hanström, B. 1930. Über das Gehirn von *Termops* [sic] *nevadensis* und Phyllium pulchrifolium nebst Beiträgen zur Phylogenie der Corpora pedunculata der Arthropoden. Zeitschrift für Morphologie und Ökologie der Tiere 19 (4): 732–773.
Hanus, R., J. Šobotník, and L. Čížek. 2005. Egg care by termite soldiers. Insectes Sociaux 52: 357–359.
Hanus, R., J. Šobotník, I. Valterová, and J. Lukás. 2006. The ontogeny of soldiers in *Prorhinotermes simplex* (Isoptera, Rhinotermitidae). Insectes Sociaux 53: 249–257.
Hanus, R., A. Luxová, J. Šobotník, B. Kalinová, P. Jiroš, J. Křeček, T. Bourguignon, and C. Bordereau. 2009. Sexual communication in the termite *Prorhinotermes simplex* (Isoptera, Rhinotermitidae) mediated by a pheromone from female tergal glands. Insectes Sociaux 56: 111–118.
Harahap, I.S., E.P. Benson, P.A. Zungoli, P.H. Adler, and H.S. Hill. 2005. Inter- and intra-colony agonistic behavior of native subterranean termites, *Reticulitermes flavipes* and *Reticulitermes virginicus* (Isoptera: Rhinotermitidae). Sociobiology 46 (2): 305–316.
Hardie, J., and A.D. Lees. 1985. Social insects: termites. *In* G.A. Kerkut and L.I. Gilbert (editors), Comprehensive insect physiology, biochemistry and pharmacology: endocrinology II. Vol. 8: 461–467, 484–490. Oxford: Pergamon Press, 595 pp.
Hare, L. 1931. Polymorphism among the subgenera of *Nasutitermes.* Journal of Morphology and Physiology 52 (2): 593–607.
Hare, L. 1934. Caste determinaton and differentiation with species reference to the genus *Reticulitermes* (Isoptera). Journal of Morphology 56 (2): 267–293.
Hare, L. 1937. Termite phylogeny as evidenced by soldier mandible development. Annals of the Entomological Society of America 37 (3): 459–486.
Harris, W.V. 1936. A list of the termites of Tanganyika Territory, with descriptions of two new species. Bulletin of Entomological Research 27 (3): 361–368.
Harris, W.V. 1940. Termites in East Africa I—General biology. East African Agricultural Journal 6: 62–66 + 2 pls.
Harris, W.V. 1941. Termites in East Africa III—Field key and distribution (by territories). East African Agricultural Journal 6 (4): 201–205.
Harris, W.V. 1946. Termites from British Somaliland (Isoptera). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 15 (5–6): 67–68.
Harris, W.V. 1948. Termites of the Uganda Protectorate. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 17 (5–6): 73–83.
Harris, W.V. 1950. Dry-wood termites. East African Agricultural Journal 16 (1): 50–52.
Harris, W.V. 1951a. Further records of East African termites. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 20 (1–2): 25–28.
Harris, W.V. 1951b. The ubiquitous termite. East African Agricultural Journal 17 (2): 60–62.
Harris, W.V. 1953a. A new termite from the Belgian Congo. Revue de Zoologie et de Botanique Africaines 47 (3–4): 261–262.
Harris, W.V. 1953b. A note on termites from St. Helena. Proceedings of the Royal Entomological Society of London, Series A, General Entomology 28 (1–3): 13–14.

Harris, W.V. 1954a. Developments in termite research. Report of the Sixth Commonwealth Entomological Conference, London, July, 1954 1954: 126–130.
Harris, W.V. 1954b. [Exhibit of two nests of a species of *Apicotermes* from Angola]. Proceedings of the Royal Entomological Society of London, Series C, Journal of Meetings 19 (7): 35.
Harris, W.V. 1954c. Termites from Socotra (Isoptera). Annals and Magazine of Natural History (12) 7: 493–496.
Harris, W.V. 1954d. Termites in Europe. Entomologist's Monthly Magazine 90: 194–197.
Harris, W.V. 1954e. Further records of East African termites—II. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 23 (7–8): 127–137.
Harris, W.V. 1955. [Exhibit of living *Kalotermes* near *jouteli* and preserved *Zootermopsis angusticollis* from imported timber]. Proceedings of the Royal Entomological Society of London, Series C, Journal of Meetings 20 (8): 36–37.
Harris, W.V. 1956a. Results from the Danish expedition to the French Cameroons, 1949–50. XII. Isoptera. Bulletin de l'Institut Français d'Afrique Noire (A) 18 (3): 926–937.
Harris, W.V. 1956b. Termite mound building. Insectes Sociaux 3 (2): 261–268.
Harris, W.V. 1957a. Order Isoptera. *In* J.C.M. Gardner, An annotated list of East African forest insects: 46. East African Agricultural and Forestry Research Organization, Forestry Technical Note 7, 48 pp.
Harris, W.V. 1957b. Isoptera from Rennell Island. The natural history of Rennell Island, British Solomon Islands 2: 25–30.
Harris, W.V. 1957c. Isoptera. British Museum (Natural History) report of expedition to South-West Arabia 1 (28): 421–433.
Harris, W.V. 1957d. An introduction to Malayan termites. Malayan Nature Journal 12: 20–32 + 1 pl.
Harris, W.V. 1958a. Isoptera. *In* G.F. De Witte (editor), Exploration du Parc National de l'Upemba. I. Mission G.F. de Witte, en collaboration avec W. Adam, A. Janssens, L. van Meel et R. Verheyen (1946–1949): 3–26 + 3 pls. Bruxelles: Institut des Parcs Nationaux du Congo Belge [Fascicule 52 (1)], 38 pp. + 3 pls.
Harris, W.V. 1958b. An introduction to Malayan termites. Malayan Forester 21 (2): 87–97.
Harris, W.V. 1958c. A new termite from the Solomon Islands (Isoptera). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 27 (3–4): 59–60.
Harris, W.V. 1958d. More about dry-wood termites. East African Agricultural Journal 23 (3): 161–166.
Harris, W.V. 1958e. Colony formation in the Isoptera. Proceedings 10th International Congress of Entomology, Montreal 1956 2: 435–439.
Harris, W.V. 1959a. Notes on termites injurious to forestry in British Honduras. Empire Forestry Review 38: 181–185.
Harris, W.V. 1959b. Some termites of British Honduras. Proceedings of the Royal Entomological Society of London, Series C, Journal of Meetings 24 (7): 30.
Harris, W.V. 1960a. Further records of East African termites—III. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 29 (1–2): 17–21.
Harris, W.V. 1960b. Two new termites of the family Termitidae (Isoptera). Annals and Magazine of Natural History (13) 3: 253–256.
Harris, W.V. 1961a. Termites: their recognition and control. London: Longmans, Green and Co., xii + 187 pp.
Harris, W.V. 1961b. The recognition of termite damage. Pest Technology July: 228–232.
Harris, W.V. 1962a. Termites in Europe. New Scientist 13 (278): 614–617.
Harris, W.V. 1962b. Termites of the genus *Angulitermes* in Africa (Isoptera: Termitidae). Annals and Magazine of Natural History (13) 5 (53): 311–318.
Harris, W.V. 1963a. The termites of Hong Kong. Memoirs of the Hong Kong Natural History Society 6: 1–9.
Harris, W.V. 1963b. Classification of the phytophagous Isoptera. Symposia Genetica et Biologica Italica 11: 193–201.
Harris, W.V. 1963c. Isoptera. *In* H. de Saeger (editor), Exploration du Parc National de la Garamba. Mission H. de Saeger en collaboration avec P. Baert et al. (1949–1952): 1–43 + 4 pls. Bruxelles: Institut des Parcs Nationaux du Congo et du Rwanda [Fascicule 42], 43 pp. + 4 pls.
Harris, W.V. 1964a. A new species of *Angulitermes* from Israel (Isoptera, Termitidae). Annals and Magazine of Natural History (13) 7: 171–172.
Harris, W.V. 1964b. A primitive fungus comb of *Pseudacanthotermes* from the Sudan (Isoptera, Macrotermitinae). *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 78–81. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Harris, W.V. 1964c. A new phytophagous termite from Saudi Arabia. Bulletin of Entomological Research 55 (3): 479–481.
Harris, W.V. 1965. Termites from western Congo. Revue de Zoologie et de Botanique Africaines 71 (1–2): 10–18.
Harris, W.V. 1966a. Type localities of the Isoptera described by Haviland. Proceedings of the Linnean Society of London 177 (1): 11–17.
Harris, W.V. 1966b. Isoptera from Libya. Studi Sassaresi, Sexione III, Annali della Facoltà di Agraria dell'Università di Sassari 14: 3–8.
Harris, W.V. 1966c. The genus *Ancistrotermes* (Isoptera). Bulletin of the British Museum (Natural History), Entomology 18 (1): 1–20.
Harris, W.V. 1966d. On the genus *Coptotermes* in Africa (Isoptera: Rhinotermitidae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 35 (11–12): 161–171.
Harris, W.V. 1967a. Termites of the genus *Anacanthotermes* in North Africa and the Near East (Isoptera: Hodotermitidae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 36 (5–6): 79–86.
Harris, W.V. 1967b. Beiträge zur Kenntnis der Fauna Afghanistans (Sammelergebnisse von O. Jakes 1963–64, D. Povolny 1965, D. Povolny und Fr. Tenora 1966, J. Simek 1965–66). Isoptera. Acta Musei Moraviae (Scientiae Naturales): 52 (Supplement): 211–216.
Harris, W.V. 1968a. A new *Coptotermes* from Gabon (Isoptera, Rhinotermitidae). Revue Zoologique Africaine (Bruxelles): 77 (3–4): 236–238.
Harris, W.V. 1968b. African termites of the genus *Schedorhinotermes* (Isoptera: Rhinotermitidae) and associated termitophiles (Lepidoptera: Tineidae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 37 (7–8): 103–113.
Harris, W.V. 1968c. Termites of the Sudan. Sudan Natural History Museum Bulletin 4: 1–29 + 2 pls.
Harris, W.V. 1968d. Isoptera from Vietnam, Cambodia and Thailand. Opuscula Entomologica 33 (1–2): 143–154.
Harris, W.V. 1970a. Compass termites. Animals 12 (9): 400–401.
Harris, W.V. 1970b. Termites of the Palearctic region. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 295–313. New York: Academic Press, xiv + [1] + 643 pp.
Harris, W.V. 1970c. La faune terrestre de l'île de Sainte-Hélène (première partie) 6. Isoptera. Annales, Musée Royal de l'Afrique Centrale, Série in Octavo, Sciences Zoologiques 181: 179–182.
Harris, W.V. 1971. Termites: their recognition and control. 2nd ed. London: Longman Group, Ltd., xiii + 186 pp.
Harris, W.V., and E.S. Brown. 1958. The termites of the Solomon Islands. Bulletin of Entomological Research 49 (4): 737–750 + 2 pls.
Harris, W.V., and W.A. Sands. 1965. The social organization of termite colonies. Symposia of the Zoological Society of London 14: 113–131.
Harry, M., N. Jusseaume, B. Gambier, and E. Garnier-Sillam. 1998. Extraction et purification d'ADN de termitières, presence d'ADN bacterien. Actes des Colloques Insectes Sociaux 11 [1997]: 53–60.
Harry, M., C.L. Roose, E. Garnier-Sillam, and M. Solignac. 2001. Microsatellite markers in soil-feeding termites (*Cubitermes subarquatus*, Isoptera, Termitidae, Termitinae). Molecular Ecology Notes 1: 226–228.
Harry, M., V. Roy, A. Mercier, A. Livet, E. Garnier, N. Bousserrhine, and C. Demanche. 2007. Isolation and characterization of microsatellite markers in *Labiotermes labralis* (Isoptera, Termitidae, Nasutitermitinae). Molecular Ecology Notes 7: 121–123.
Hartwell, R.A. 1924. A study of the olfactory sense of termites. Annals of the Entomological Society of America 17 (2): 131–162.
Hartwig, E.K. 1965. Die Nesstelsel van die grasdraertermiet *Hodotermes mossambicus* (Hagen) (Isoptera) en Aspekte rakende Bestryding. South African Journal of Agricultural Science 8: 643–659.
Hartwig, E.K. 1966. The nest and control of *Odontotermes latericius* (Haviland) (Termitidae: Isoptera). South African Journal of Agricultural Science 9: 407–417.
Harz, K., and A. Kaltenbach. 1976. Die Orthopteran Europas, III. The Hague: Junk, 434 pp.
Hasiotis, S.T. 2003. Complex ichnofossils of solitary and social soil organisms: understanding their evolution and roles in terrestrial paleoecosystems. Palaeogeography, Palaeoclimatology, Palaeoecology 192: 259–320.
Hasiotis, S.T., and R.F. Dubiel. 1993. Continental trace fossils of the Upper Triassic Chinle Formation, Petrified Forest National Park, Arizona: 175–178. *In* S.G. Lucas and M. Morales (editors), The nonmarine Triassic. Bulletin 3, New Mexico Museum of Natural History and Science, 478 pp.

Hasiotis, S.T., and R.F. Dubiel. 1995. Termite (Insecta: Isoptera) nest ichnofossils from the Upper Triassic Chinle Formation, Petrified Forest National Park, Arizona. Ichnos 4 (2): 119–130.

Hasiotis, S.T., and T.M. Demko. 1998. Ichnofossils from Garden Park paleontological area, Colorado: implications for paleoecologic and paleoclimatic reconstructions of the Upper Jurassic. Modern Geology 22 (1–4): 461–479.

Hassencamp, E., von. 1860. Kleinere Mittheilungen I. Über fossile Insekten der Rhön. Würzburger Naturwissenschaftliche Zeitschrift 1: 78–81.

Hathorne, K.T., P.A. Zungoli, E.P. Benson, and W.C. Bridges. 2001. *Kalotermes approximatis* habitat in South Carolina. Florida Entomologist 84 (4): 712–715.

Hattori, K. 1989. Termite as house pest in Hokkaido, Japan. House and Household Insect Pests 11 (1): 51–53. [in Japanese, with English title]

Haupt, H. 1956. Beitrag zur Kenntnis der Eozänen Arthropodenfauna des Geiseltales. Nova Acta Leopoldina 18 (128): 1–90.

Haverty, M.I. 1977. The proportion of soldiers in termite colonies: a list and a bibliography (Isoptera). Sociobiology 2 (3): 199–216.

Haverty, M.I. 1985. Order Isoptera—termites. *In* USDA Forest Service (editor), Insects of eastern forests (Miscellaneous Publication No. 1426): 54–63. Washington, D.C.: USDA Forest Service, 608 pp.

Haverty, M.I., and R.W. Howard. 1981. Production of soldiers and maintenance of soldier proportions by laboratory experimental groups of *Reticulitermes flavipes* (Kollar) and *Reticulitermes virginicus* (Banks) (Isoptera: Rhinotermitidae). Insectes Sociaux 28 (1): 32–39.

Haverty, M.I., and L.J. Nelson. 1997. Cuticular hydrocarbons of *Reticulitermes* (Isoptera: Rhinotermitidae) from northern California indicate undescribed species. Comparative Biochemistry and Physiology, Part B 118 (4): 869–880.

Haverty, M.I., and L.J. Nelson. 2007. *Reticulitermes* (Isoptera: Rhinotermitidae) in Arizona: multiple cuticular hydrocarbon phenotypes indicate additional taxa. Annals of the Entomological Society of America 100 (2): 206–221.

Haverty, M.I., and B.L. Thorne. 1989. Agonistic behavior correlated with hydrocarbon phenotypes in dampwood termites, *Zootermopsis* (Isoptera: Termopsidae). Journal of Insect Behavior 2 (4): 523–543.

Haverty, M.I., M. Page, L.J. Nelson, and G.J. Blomquist. 1988. Cuticular hydrocarbons of dampwood termites, *Zootermopsis*: intra- and intercolony variation and potential as taxonomic characters. Journal of Chemical Ecology 14 (3): 1035–1058.

Haverty, M.I., L.J. Nelson, and M. Page. 1990a. Cuticular hydrocarbons of four populations of *Coptotermes formosanus* Shiraki in the United States. Similarities and origins of introductions. Journal of Chemical Ecology 16 (5): 1635–1647.

Haverty, M.I., B.L. Thorne, and M. Page. 1990b. Surface hydrocarbon components of two species of *Nasutitermes* from Trinidad. Journal of Chemical Ecology 16 (8): 2441–2449.

Haverty, M.I., M. Page, B.L. Thorne, and P. Escoubas. 1990c. Cuticular hydrocarbons for species determination of tropical termites. Stockholm, Sweden: International Research Group on Wood Preservation. Document No. IRG/WP/1465, 18 pp.

Haverty, M.I., M. Page, B.L. Thorne, and P. Escoubas. 1991a. Cuticular hydrocarbons: species and population-level discrimination in termites. United States Forest Service General Technical Report PSW 128: 15–23.

Haverty, M.I., L.J. Nelson, and M. Page. 1991b. Preliminary investigations of the cuticular hydrocarbons from North American *Reticulitermes* and tropical and subtropical *Coptotermes* (Isoptera: Rhinotermitidae) for chemotaxonomic studies. Sociobiology 19 (1): 51–76.

Haverty, M.I., L.J. Nelson, B.L. Thorne, M.S. Collins, J.P.E.C. Darlington, and M. Page. 1992. Cuticular hydrocarbons for species determination of tropical termites. United States Forest Service General Technical Report PSW 129: 58–66.

Haverty, M.I., J.K. Grace, L.J. Nelson, and R.T. Yamamoto. 1996a. Intercaste, intercolony, and temporal variation in cuticular hydrocarbons of *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae). Journal of Chemical Ecology 22 (10): 1813–1834.

Haverty, M.I., B.L. Thorne, and L.J. Nelson. 1996b. Hydrocarbons of *Nasutitermes acajutlae* and comparison of methodologies for sampling cuticular hydrocarbons of Caribbean termites for taxonomic and ecological studies. Journal of Chemical Ecology 22 (11): 2081–2109.

Haverty, M.I., B.T. Forschler, and L.J. Nelson. 1996c. An assessment of the taxonomy of *Reticulitermes* (Isoptera: Rhinotermitidae) from the southeastern United States based on cuticular hydrocarbons. Sociobiology 28 (3): 287–318.

Haverty, M.I., M.S. Collins, L.J. Nelson, and B.L. Thorne. 1997. Cuticular hydrocarbons of termites of the British Virgin Islands. Journal of Chemical Ecology 23 (4): 927–964.

Haverty, M.I., L.J. Nelson, and B.T. Forschler. 1999a. New cuticular hydrocarbons of phenotypes of *Reticulitermes* (Isoptera: Rhinotermitidae) from the United States. Sociobiology 34 (1): 1–21.

Haverty, M.I., K.A. Copren, G.M. Getty, and V.R. Lewis. 1999b. Agonistic behavior and cuticular hydrocarbon phenotypes of colonies of *Reticulitermes* (Isoptera: Rhinotermitidae) from northern California. Annals of the Entomological Society of America 92 (2): 269–277.

Haverty, M.I., G.M. Getty, K.A. Copren, and V.R. Lewis. 1999c. Seasonal foraging and feeding behavior of *Reticulitermes* spp. (Isoptera: Rhinotermiidae) in a wildland and a residential locaion in norhern California. Environmental Entomology 28 (6): 1077–1084.

Haverty, M.I., R.J. Woodrow, L.J. Nelson, and J.K. Grace. 2000a. Cuticular hydrocarbons of termites of the Hawaiian Islands. Journal of Chemical Ecology 26 (5): 1167–1191.

Haverty, M.I., G.M. Getty, K.A. Copren, and V.R. Lewis. 2000b. Size and dispersion of colonies of *Reticulitermes* spp. (Isoptera: Rhinotermitidae) in a wildland and a residential location in northern California. Environmental Entomology 29 (2): 241–249.

Haverty, M.I., R.J. Woodrow, L.J. Nelson, and J.K. Grace. 2005. Identification of termite species by the hydrocarbons in their feces. Journal of Chemical Ecology 31 (9): 2119–2151.

Haviland, G.D. 1896. [Remarks on a collection of termites, including specimens from Borneo]. Proceedings of the Linnean Society of London 1896: 9.

Haviland, G.D. 1898. Observations on termites; with descriptions of new species. Journal of the Linnean Society of London, Zoology 26 (169): 358–442 + 4 pls.

Haviland, G.D. 1902. Observations on termites, or white ants. Annual Report of the Smithsonian Institution 1902: 667–678 + 4 pls.

Haviland, G.D., and D. Sharp. 1896. Termites in captivity in England. Transactions of the Entomological Society of London 1896 (4): 589–594.

Hayashi, Y., O. Kitade, and J.-I. Kojima. 2002. Microsatellite loci in the Japanese subterranean termite, *Reticulitermes speratus*. Molecular Ecology Notes 2: 518–520.

Hayashi, Y., O. Kitade, and J.-I. Kojima. 2003. Parthenogenetic reproduction in neotenics of the subterranean termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Entomological Science 6: 253–257.

Hayashi, Y., O. Kitade, M. Gonda, T. Kondo, H. Miyata, and K. Urayama. 2005. Diverse colony genetic structures in the Japanese subterranean termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Sociobiology 46 (1): 175–184.

Hayashi, Y., H. Miyata, and O. Kitade. 2006. Parthenogenesis by neotenic reproductives of *Reticulitermes speratus* (Isoptera: Rhinotermitidae) from various regions of Japan. Sociobiology 48 (3): 849–859.

Hayashi, Y., N. Lo, H. Miyata, and O. Kitade. 2007. Sex-linked genetic influence on caste determination in a termite. Science 318: 985–987.

Hayek, G. 1881. Handbuch der Zoologie. Arthropoda. Vol. 2. Vienna: C. Gerold's Sohn, 513 pp.

He, H., J. Mo, C. Pan, and S. Zhang. 2005. Intercolony agonism and protein variation based on environmental cues in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 46 (3): 615–625.

He, H., J. Mo, L. Teng, C. Pan, C. Zhang, and J. Cheng. 2006. No influence of exocrine glands on nestmate discrimination in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 47 (1): 253–264.

He, X.-S. 1985. A new species of the genus *Speculitermes* from China (Isoptera: Termitidae). Contributions from Shanghai Institute of Entomology 5: 243–245. [in Chinese, with English summary]

He, X.-S. 1988. A new genus and two new species of Nasutitermitinae (Isoptera) from the Jiulian Mountains, China. Contributions from Shanghai Institute of Entomology 7 [1987]: 169–176. [in Chinese, with English summary]

He, X.-S., and D.-R. Gao. 1984. Notes on three new species of the genus *Hospitalitermes* from Yunnan Province, China (Isoptera: Termitidae: Nasutitermitinae). Contributions from Shanghai Institute of Entomology 4: 203–210. [in Chinese, with English summary]

He, X.-S., and D.-R. Gao. 1994. A new genus of subfamily Nasutitermitinae attacking building timbers from China (Isoptera: Termitidae). Contributions from Shanghai Institute of Entomology 11 [1993]: 119–126. [in Chinese, with English summary]

He, X.-S., and Q.-S. Qui. 1990. New species of termites from Guizhou Province, China (Isoptera: Stylotermitidae, Rhinotermitidae, Termitidae). Science and Technology of Termites 7 (1): 6–24. [in Chinese, with English summary]

He, X.-S., and Q.-S. Qiu. 1992. A new species of the genus *Coptotermes* from Guizhou Province, China (Isoptera: Rhinotermitidae). Science and Technology of Termites 9 (2): 1–3. [in Chinese, with English summary]

He, X.-S., and K.-L. Xia. 1981. New genus of termites related to *Indotermes* from China (Isoptera, Termitidae). Contributions from Shanghai Institute of Entomology 1: 197–204. [in Chinese, with English summary]

He, X.-S., and K.-L. Xia. 1983. Two new species of termites from Zhejiang Province, China (Isoptera: Kalotermitidae and Termitidae). Contributions from Shanghai Institute of Entomology 3 [1982]: 185–192. [in Chinese, with English summary]

He, Y.-Z., Q.-B. Hou, and X.-C. Liang. 2009. New records of a genus and a species of family Termopsidae (Isoptera) from China. Entomotaxonomia 31 (2): 102–104.

Heath, H. 1907. The longevity of members of the different castes of *Termopsis angusticollis*. Biological Bulletin 13 (3): 161–164.

Heath, H. 1927. Caste formation in the termite genus *Termopsis*. Journal of Morphology and Physiology 43 (2): 387–425.

Heath, H. 1928. Fertile termite soldiers. Biological Bulletin 54 (4): 324–326.

Heath, H., and B.C. Wilber. 1927. The development of the soldier caste in the termite genus *Termopsis*. Biological Bulletin 52 (3): 145–[155].

Hecker, H. 1966. Das Zentralnervensystem des Kopfes und seine postembryonale Entwicklung bei *Bellicositermes bellicosus* (Smeath.) (Isoptera). Acta Tropica 23 (4): 297–352.

Hedlund, J.C., and G. Henderson. 1999. Effect of available food size on search tunnel formation by the Formosan subterranean termite (Isoptera: Rhinotermitidae). Journal of Economic Entomology 92 (3): 610–616.

Heer, O. 1849a. Fauna v. Radoboj. *In* W. Haidinger, Versammlung am 5. Jänner: 86–88. Berichte über die Mittheilungen von Freunden der Naturwissenschaften in Wien 5 (1): 85–91.

Heer, O. 1849b. Die Insektenfauna der Tertiärgebilde von Oeningen und von Radoboj in Croatien: zweiter Theil: Heuschrecken, Florfliegen, Aderflügler, Schmetterlinge und Fliegen. Leipzig: W. Engelmann, iv + 264 pp. + 17 pls.

Heer, O. 1850. On the history of insects [translation of an 1848 article by Heer]. Quarterly Journal of the Geological Society of London 6 (2): 68–76.

Heer, O 1858. *Termes hartungi. In* H.A. Hagen, Monographie der Termiten: 181. Linnaea Entomologica 12: i–iii + 4–342 + 459 + 3 pls.

Heer, O. 1865. Die Urwelt der Schweiz. Zurich: Freidrich Schulthess, xxx + 628 pp. + 11 pls.

Heer, O. 1876a. Liassic insects. *In* J. Heywood (editor), The primaeval world of Switzerland. Vol. 1 [translation of Heer, 1865]: pl. VII, figs. 6–8. London: Longmans, Green and Co., xv + 393 pp. + 10 pls.

Heer, O. 1876b. [Termites]. *In* J. Heywood (editor), The primaeval world of Switzerland Vol. 2 [translation of Heer, 1865]: 14, 22–23. London: Longmans, Green and Co., vii + 324 pp.

Hegh, E. 1920. Les termites. Bulletin Agricole du Congo Belge 11 (3–4): 253–352.

Hegh, E. 1922. Les termites. Partie générale: description, distribution géographique. Classification. Biologie. Vie sociale. Alimentation. Construction. Rapports avec le monde extérieur. Bruxelles: Imprimerie Industrielle and Financière (Société Anonyme), 4 + 756 pp.

Heidecker, J.L., and R.H. Leuthold. 1984. The organisation of collective foraging in the harvester termite *Hodotermes mossambicus* (Isoptera). Behavioral Ecology and Sociobiology 14: 195–202.

Heim, R. 1940. Les champignonnières des termites et les grands champignons d'Afrique tropicale. Revue de Botanique Appliquée et d'Agriculture Tropicale. 20: 121–127.

Heintschel, B.P., J.W. Austin, and R.E. Gold. 2006. Soldier labral morphology and generic comparisons of *Reticulitermes* (Isoptera: Rhinotermitidae) from Texas. Sociobiology 48 (1): 63–84.

Helal, H., and A. Maher Ali. 1982. The distribution of the dry wood termites *Kalotermes flavicollis* (Fab.) and *Cryptotermes brevis* (Walker) in Egypt (Isoptera, Kalotermitidae). Assiut Journal of Agricultural Sciences 13 (3): 51–52.

Hendee, E.C. 1933. The association of the termites, *Kalotermes minor, Reticulitermes hesperus,* and *Zootermopsis angusticollis* with fungi. University of California Publications in Zoölogy 39 (5): 111–134.

Hendee, E.C. 1934. The association of termites and fungi. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 105–116. Berkeley: University of California Press, xxvii + [1] + 795 pp.

Hendee, E.C. 1935. The role of fungi in the diet of the common damp-wood termite, *Zootermopsis angusticollis*. Hilgardia 9 (10): 499–525.

Henderson, G. 1992. Behavior of formosan termites in Louisiana. Proceedings 19th International Congress of Entomology, Beijing 1992: 244. [abstract]

Henderson, G. 1996. Alate production, flight phenology, and sex-ratio in *Coptotermes formosanus* Shiraki, an introduced subterranean termite in New Orleans, Louisiana. Sociobiology 28 (3): 319–326.

Henderson, G. 1998. Primer pheromones and possible soldier caste influence on the evolution of sociality in lower termites. *In* R.K. Vander Meer, M.D. Breed, K.E. Espelie, and M.L. Winston (editors), Pheromone communication in social insects: ants, wasps, bees, and termites: 314–330. Boulder, CO: Westview Press, xi + 368 pp.

Henderson, G., and K.S. Delaplane. 1994. Formosan subterranean termite swarming behavior and alate sex-ratio (Isoptera: Rhinotermitidae). Insectes Sociaux 41: 19–28.

Henderson, G., and K.S. Rao. 1993. Sexual dimorphism in soldiers of Formosan subterranean termites (Isoptera: Rhinotermitidae). Sociobiology 21 (3): 341–345.

Hennig, W. 1969. Die Stammesgeschichte der Insekten. Frankfurt: Waldemar Kramer, 436 pp.

Hennig, W. 1981. Insect phylogeny. New York: Wiley, xxii + 514 pp.

Herman, L.H. 2001. Catalogue of the Staphylinidae (Insecta: Coleoptera). 1758 to the end of the second millennium. Parts 1–7. Bulletin of the American Museum of Natural History 265: 1–4218.

Hernández, L.M. 1994. Una nueva especie del género *Incisitermes* y dos nuevos registros de termites (Isoptera) para Cuba. Avicennia 1: 87–99.

Hernández, L.M., and L.F. de Armas. 1995. *Armitermes intermedius* Snyder, 1922 (Isoptera: Termitidae), nuevo termite para la fauna de México. Avicennia 3: 49–51.

Hesse, P.R. 1955. A chemical and physical study of the soils of termite mounds in east Africa. Journal of Ecology 43 (2): 449–461.

Hewitt, P.H., and J.J.C. Nel. 1969. The influence of group size on the sarcosomal activity and the behaviour of *Hodotermes mossambicus* alate termites. Journal of Insect Physiology 15: 2169–2177.

Hewitt, P.H., J.J.C. Nel, and S. Conradie. 1969. The rôle of chemicals in communication in the harvester termites *Hodotermes mossambicus* (Hagen) and *Trinervitermes trinervoides* (Sjöstedt). Insectes Sociaux 16 (1): 79–86.

Hewitt, P.H., J.J.C. Nel, and S. Conradie. 1970. Preliminary studies on the control of caste formation in the harvester termite *Hodotermes mossambicus* (Hagen). Insectes Sociaux 16 (3) [1969]: 159–172.

Higa, S.Y., and M. Tamashiro. 1983. Swarming of the Formosan subterranean termite, *Coptotermes formosanus* Shiraki in Hawaii (Isoptera: Rhinotermitidae). Proceedings of the Hawaiian Entomological Society 24 (2–3): 233–238.

Higashi, M., and T. Abe. 1997. Global diversification of termites driven by the evolution of symbiosis and sociality. *In* T. Abe, S.A. Levin, and M. Higashi (editors), Biodiversity: an ecological perspective: 83–112. New York: Springer-Verlag, xii + 294 pp.

Higashi, M., N. Yamamura, T. Abe, and T.P. Burns. 1991. Why don't all termite species have a sterile worker caste? Proceedings of the Royal Society of London, Series B, Biological Sciences 246: 25–29.

Higashi, M., N. Yamamura, and T. Abe. 2000. Theories on the sociality of termites. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 169–187. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Hill, D.S. 1989. Catalogue of crop pests of Ethiopia. Alemaya University of Agriculture Bulletin 1: 1–107.

Hill, D.S., B. Gott, B.S. Morton, and I.J. Hodgkiss. 1978. Hong Kong ecological habitats: flora and fauna. 2nd ed. Hong Kong: Department of Zoology, University of Hong Kong, [2] + 189 pp.

Hill, G.F. 1915. Northern Territory Termitidae. Part i. Proceedings of the Linnean Society of New South Wales 40 (1): 83–113 + 10 pls.

Hill, G.F. 1921a. *Coptotermes raffrayi* Wasmann (fam. Termitidae). Proceedings of the Linnean Society of New South Wales 46 (2): 263–267.

Hill, G.F. 1921b. New and rare Australian termites, with notes on their biology. Proceedings of the Linnean Society of New South Wales 46 (4): 433–456 + 1 pl.

Hill, G.F. 1921c. The white ant pest in Northern Australia. Commonwealth of Australia Institute of Science and Industry Bulletin 21: 1–26.

Hill, G.F. 1922a. On some Australian termites of the genera *Drepanotermes, Hamitermes* and *Leucotermes.* Bulletin of Entomological Research 12 (4): 363–399 + 4 pls.

Hill, G.F. 1922b. Descriptions and biology of some north Australian termites. Proceedings of the Linnean Society of New South Wales 47 (2): 142–160 + 3 pls.

Hill, G.F. 1922c. A new Australian termite. Proceedings of the Linnean Society of New South Wales 47 (3): 275–277.
Hill, G.F. 1923. New termites from central and south-east Australia. Proceedings of the Linnean Society of New South Wales 48 (2): 40–48.
Hill, G.F. 1925a. Notes on *Mastotermes darwiniensis* Froggatt (Isoptera). Proceedings of the Royal Society of Victoria (n.s.) 37 (1): 119–124.
Hill, G.F. 1925b. Termites from the Australian region, descriptions of new species and hitherto undescribed castes. Proceedings of the Royal Society of Victoria (n.s.) 37 (2): 206–229 + 4 pls.
Hill, G.F. 1925c. The Victorian termites. Victorian Naturalist (Melbourne) 42 (4): 85–91.
Hill, G.F. 1926a. Termites from the Ellice group. Proceedings of the Royal Society of Victoria (n.s.) 38: 95–99.
Hill, G.F. 1926b. The genus *Porotermes* (Isoptera). Proceedings of the Royal Society of Victoria (n.s.) 38: 143–149.
Hill, G.F. 1926c. Australian termites (Isoptera). Notes on *Stolotermes, Calotermes,* and *Coptotermes,* with description of new species. Proceedings of the Royal Society of Victoria (n.s.) 38: 192–214.
Hill, G.F. 1926d. Termites (Isoptera) from South Sea and Torres Strait Islands. Proceedings of the Royal Society of Victoria (n.s.) 39 (1): 20–24.
Hill, G.F. 1926e. New termites from Samoan Islands. Entomologist 59: 296–300.
Hill, G.F. 1927a. Termites from the Australian region.—Part I. Memoirs of the National Museum, Melbourne 7 (1): 5–120 + 9 pls.
Hill, G.F. 1927b. Isoptera: Family Termitidae. *In* G.F. Hill and F.C. Fraser, Insects of Samoa and other Samoan terrestrial Arthropoda. Part 7, fasc. 1. Other orders of insects. Vol. 7: 1–18 + 1 pl. London: Trustees of the British Museum, 44 pp. + 1 pl.
Hill, G.F. 1929. Notes on Australian termites (Isoptera). Descriptions of new species. Proceedings of the Royal Society of Victoria (n.s.) 41 (2) [1928]: 85–96 + 1 pl.
Hill, G.F. 1932a. Australian termites (Isoptera). Biological notes and descriptions of new species. Proceedings of the Royal Society of Victoria (n.s.) 44 (1–2): 134–154.
Hill, G.F. 1932b. Termites (white ants) in south-eastern Australia. A simple method of identification and a discussion of their damage in timber and forest trees. Council of Scientific and Industrial Research Organization (Australia) Pamphlet 25: 1–28.
Hill, G.F. 1933a. Australian *Rhinotermes* (Isoptera). Proceedings of the Royal Society of Victoria (n.s.) 45 (1): 1–17 + 4 pls.
Hill, G.F. 1933b. Notes on *Porotermes* and *Calotermes* (Isoptera) from the Australian region, with descriptions of new species. Proceedings of the Royal Society of Victoria (n.s.) 46 (1): 36–53.
Hill, G.F. 1935. Australian *Hamitermes* (Isoptera), with descriptions of new species and hitherto undescribed castes. Council of Scientific and Industrial Research Organization (Australia) Pamphlet 52: 13–31 + 3 pls.
Hill, G.F. 1938. Reports of the McCoy Society: the Sir Joseph Banks Islands. 9. Isoptera. Proceedings of the Royal Society of Victoria (n.s.) 50 (2): 353–355.
Hill, G.F. 1942. Termites (Isoptera) from the Australian Region. Melbourne: Council for Scientific and Industrial Research, 479 pp. + 24 pls.
Hindwood, K.A. 1959. The nesting of birds in the nests of social insects. Emu 59 (1): 1–36.
Hinze, B., and R.H. Leuthold. 1997. Copulation of a physogastric queen in *Macrotermes bellicosus* (Isoptera: Termitidae). Sociobiology 30 (2): 243–246.
Hinze, B., and R.H. Leuthold. 1999. Age related polyethism and activity rhythms in the nest of the termite *Macrotermes bellicosus* (Isoptera, Termitidae). Insectes Sociaux 46: 392–397.
Hinze, B., K. Crailsheim, and R.H. Leuthold. 2002. Polyethism in food processing and social organisation in the nest of *Macrotermes bellicosus* (Isoptera, Termitidae). Insectes Sociaux 49: 31–37.
Hoare, A., and D.T. Jones. 1998. Notes on the foraging behaviour and taxonomy of the southeast Asian termite *Longipeditermes longipes* (Termitidae: Nasutitermitinae). Journal of Natural History 32: 1357–1366.
Hocking, B. 1965. Notes on some African termites. Proceedings of the Royal Entomological Society of London, Series A, General Entomology 40 (4–6): 83–87.
Hogan, M., P.C. Veivers, M. Slaytor, and R.T. Czolu. 1988. The site of cellulose breakdown in higher termites (*Nasutitermes walkeri* and *Nasutitermes exitiosus*). Journal of Insect Physiology 34 (9): 891–899.
Hojo, M., K. Maekawa, T. Miura, R. Iwata, T. Matsumoto, and A. Yamane. 2002. Molecular evidence for phylogeny and the termite host specificity of exoparasitic fungi, *Termitaria* spp. (Termitariales: Deuteromycetes), from Japan. Applied Entomology and Zoology (Tokyo): 37 (4): 571–576.

Hojo, M., S. Koshikawa, T. Matsumoto, and T. Miura. 2004. Developmental pathways and plasticity of neuter castes in *Nasutitermes takasagoensis* (Isoptera: Termitidae). Sociobiology 44 (2): 433–441.

Hojo, M., S. Koshikawa, R. Cornette, T. Matsumoto, and T. Miura. 2005. Identification of soldier-specific genes in the nasute termite *Nasutitermes takasagoensis* (Isoptera: Termitidae). Entomological Science 8: 379–387.

Hojo, M., K. Toga, I. Itai, and K. Maekawa. 2009. Reference genes for real-time quantitative reverse transcriptase PCR in the higher termite *Nasutitermes takasagoensis* (Isoptera: Termitidae) comparing soldiers with minor workers. Sociobiology 54 (2): 509–520.

Holdaway, F.G. 1933. The composition of different regions of mounds of *Eutermes exitiosus* Hill. Journal of the Council for Scientific and Industrial Research (Australia) 6: 160–165.

Holdaway, F.G., and F.J. Gay. 1948. Temperature studies of the habitat of *Eutermes exitiosus* with special reference to the temperatures within the mound. Australian Journal of Scientific Research (B) 1 (4): 464–493.

Holdaway, F.G., F.J. Gay, and T. Greaves. 1935. The termite population of a mound colony of *Eutermes exitiosus* Hill. Journal of the Council for Scientific and Industrial Research (Australia) 8 (1): 42–46.

Hollande, A. 1982. Description d'un termite nouveau des Îles Canaries: *Bifiditermes rogierae* n. sp. [Isopt. Kalotermitidae]. Bulletin de la Société Entomologique de France 87 (3–4): 61–70.

Hölldobler, B., and E.O. Wilson. 2009. The superorganism: the beauty, elegance, and strangeness of insect societies. New York: W.W. Norton and Co., xxi + 522 pp.

Holmgren, N. 1906. Studien über südamerikanische Termiten. Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere 23 (5): 521–676.

Holmgren, N. 1909a. Madagassische Termiten gesammelt von Valter Kaudern. Arkiv för Zoologi 5 (13): 1–24 + 2 pls.

Holmgren, N. 1909b. Termitenstudien. 1. Anatomische Untersuchungen. Kungliga Svenska Vetenskaps-Akademiens Handlingar 44 (3): 1–215 + 3 pls.

Holmgren, N. 1910a. The Percy Sladen Trust expedition to the Indian Ocean in 1905. Isoptera. Transactions of the Linnean Society of London, Zoology (2) 14 (8): 135–148.

Holmgren, N. 1910b. Das System der Termiten. Zoologischer Anzeiger 35 (9–10): 284–286.

Holmgren, N. 1910c. Versuch einer Monographie der amerikanischen *Eutermes*-Arten. Mitteilungen aus dem Naturhistorischen Museum (Hamburg) 27: 171–325.

Holmgren, N. 1911a. Termitenstudien. 2. Systematik der Termiten. Die Familien Mastotermitidae, Protermitidae und Mesotermitidae. Kungliga Svenska Vetenskaps-Akademiens Handlingar 46 (6): 1–86 + 6 pls.

Holmgren, N. 1911b. Neu-Guinea-Termiten. Mitteilungen aus dem Zoologischen Museum in Berlin 5 (3): 451–465 + 1 pl.

Holmgren, N. 1911c. Ceylon-Termiten, gesammelt von Prof. K. Escherich, nebst einer synoptischen Übersicht über alle bis jetzt von Ceylon und dem angrenzenden Festland bekannten Termitenarten. *In* K. Escherich, Termitenleben auf Ceylon. Neue Studien zur Soziologie der Tiere zubleich ein Kapitel kolonialer Forstentomologie. Mit einem systematischen Anhang mit Beiträgen von A. Forel, Nils Holmgren, W. Michaelsen, F. Schimmer, F. Silvestri und E. Wasmann: 183–212 + 2 pls. Jena, Germany: Gustav Fischer, xxxii + 263 pp. + 3 pls.

Holmgren, N. 1911d. Bemerkungen über einige Termiten-Arten. Zoologischer Anzeiger 37 (26): 545–553.

Holmgren, N. 1912a. Termitenstudien. 3. Systematik der Termiten. Die Familie Metatermitidae. Kungliga Svenska Vetenskaps-Akademiens Handlingar 48 (4): 1–166 + 4 pls.

Holmgren, N. 1912b. Neue Termiten aus dem Deutschen Entomologischen Museum. Entomologische Mitteilungen, Berlin-Dahlem 1 (9): 280–282.

Holmgren, N. 1912c. Termites from British India (Bombay) collected by Dr. J. Assmuth, S.J. Journal of the Bombay Natural History Society 21 (3): 774–793 + 4 pls.

Holmgren, N. 1912d. Die Termiten Japans. Annotationes Zoologicae Japonenses 8 (1): 107–136.

Holmgren, N. 1913a. On some termites collected by Mr. Green in Ceylon. Spolia Zeylanica 8 (32): 277–284.

Holmgren, N. 1913b. Termites from British India (near Bombay, in Gujerat and Bangalore) collected by Dr. J. Assmuth, S.J. Part II. Journal of the Bombay Natural History Society 22 (1): 101–117 + 3 pls.

Holmgren, N. 1913c. Termitenstudien. 4. Versuch einer systematischen Monographie der Termiten der orientalischen Region. Kungliga Svenska Vetenskaps-Akademiens Handlingar 50 (2): 1–276 + 8 pls.

Holmgren, N. 1913d. Termiten aus Natal und dem Zululande. Gesammelt von Dr. Ivar Trägårdh. Entomologisk Tidskrift 34: 321–366.

Holmgren, N. 1913e. Termiten aus Java und Sumatra, gesammelt von Edward Jacobson. Tijdschrift voor Entomologie 56: 13–28 + 2 pls.

Holmgren, N. 1914. Wissenschaftliche Ergebnisse einer Forschungsreise nach Ostindien, ausgeführt im Auftrage der Kgl. Preuss. Akademie der Wissenschaften zu Berlin von H. v. Buttel-Reepen. III. Termiten aus Sumatra, Java, Malacca und Ceylon. Gesammelt von Herrn Prof. Dr. v. Buttel-Reepen in den Jahren 1911–1912. Zoologische Jahrbücher, Abteilung für Systematik, Geographie und Biologie der Tiere 36 (2–3): 229–290.

Holmgren, N., and K. Holmgren. 1915. Termiten aus Neu-Caledonien und den benachbarten Inselgruppen. *In* F. Sarasin and J. Roux (editors), Nova Caledonia: Forschungen in Neu-Caledonien und auf den Loyalty-Inseln, A, Zoologie. Vol. 2, Part 2: 85–93. Wiesbaden, Germany: C.W. Kreidels Verlag, 449 pp. + 14 pls.

Holmgren, K. and N. Holmgren (Fletcher, T.B., trans.). 1917. Report on a collection of termites from India. Memoirs of the Department of Agriculture in India 5 (3): 135–171.

Holt, J.A. 1996. Mound-building termites and soil microbial biomass: an interaction influencing termite abundance. Insectes Sociaux 43 (4): 427–434.

Holt, J.A., and J.F. Easey. 1985. Polycalic colonies of some mound building termites (Isoptera: Termitidae) in northeastern Australia. Insectes Sociaux 32 (1): 61–69.

Holt, J.A., and J.F. Easey. 1993. Numbers and biomass of mound-building termites (Isoptera) in a semi-arid tropical woodland near Charters Towers, North Queensland, Australia. Sociobiology 21 (3): 281–286.

Holt, J.A., and M. Lepage. 2000. Termites and soil properties. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 389–407. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Homathevi, R., and D.E. Bignell. 1999. A preliminary survey of termites (Insecta: Isoptera) in primary forest stands in the Tabin Wildlife Reserve, eastern Sabah. *In* M. Mohamed, M. Andau, M.N. Dalimin, and T.P. Malim (editors), Tabin scientific expedition: 121–128. Kota Kinabalu, Malaysia: Universiti Malaysia Sabah, vii + 168 pp.

Homathevi, R., Y. Bakhtiareffendi, D. Mahadimenakbar, M. Maryati, D.T. Jones, and D.E. Bignell. 2002. A comparason of termite (Insecta: Isoptera) assemblages in six primary forest stands in Sabah, Malaysia. Malayan Nature Journal 56 (3): 225–237.

Hong, Y.-C. 1982. Mesozoic fossil insects of Jiuquan Basin in Gansu Province. Beijing: Geological Publishing House, 187 pp. [in Chinese, with English contents list]

Hongoh, Y., L. Ekpornprasit, T. Inoue, S. Moriya, S. Trakulnaleamsai, M. Ohkuma, N. Noparatnaraporn, and T. Kudo. 2006. Intracolony variation of bacterial gut microbiota among castes and ages in the fungus-growing termite *Macrotermes gilvus*. Molecular Ecology 15: 505–516.

Honigberg, B.M. 1970. Protozoa associated with termites and their role in digestion. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 1–36. New York: Academic Press, xiv + [1] + 643 pp.

Hoon, R.C. 1962. The incidence of white ants (termites) in the region of the Hirakud Dam project. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 141–143. Paris: UNESCO, 259 pp.

Hope, F.W. 1837. Observations on succinic insects. Transactions of the Entomological Society of London 2: 46–57.

Horiuchi, S., N. Yamamura, and T. Abe. 2002. Soldier production strategy in lower termites: from young instars or old instars? Journal of Theoretical Biology 218: 195–205.

Hosny, M.M., and W.A. Said. 1980a. The nesting system and the chemical structure of the material coating the internal parts of the nests of *Anacanthotermes ochraceus* in Egypt. Sociobiology 5 (2): 101–114.

Hosny, M.M., and W.A. Said. 1980b. Certain ecological aspects of the subterranean harvester termite, *Anacanthotermes ochraceus* (Burm.) in Egypt. Sociobiology 5 (2): 133–146.

Hostettler, N.C., D.W. Hall, and R.H. Scheffrahn. 1995. Intracolony morphometric variation and labral shape in Florida *Reticulitermes* (Isoptera: Rhinotermitidae) soldiers: signficance for identification. Florida Entomologist 78 (1): 119–129.

Houseman, R.M. 2005. First record of *Microcerotermes serrula* (Desneux) (Isoptera: Termitidae) in Thailand. Entomological News 115 (4) [2004]: 237–239.

Houseman, R.M., R.E. Gold, and B.M. Pawson. 2001. Resource partitioning in two sympatric species of subterranean termites, *Reticulitermes flavipes* and *Reticulitermes hageni* (Isoptera: Rhinotermitidae). Environmental Entomology 30 (4): 673–685.

Howard, R.W., and G.J. Blomquist. 1982. Chemical ecology and biochemistry of insect hydrocarbons. Annual Review of Entomology 27: 149–172.

Howard, R.W., and M.I. Haverty. 1980. Reproductives in mature colonies of *Reticulitermes flavipes*: abundance, sex-ratio, and association with soldiers. Environmental Entomology 9 (4): 458–460.

Howard, R.[W.], and M.I. Haverty. 1981. Seasonal variation in caste proportions of field colonies of *Reticulitermes flavipes* (Kollar). Environmental Entomology 10: 546–549.

Howard, K.J., and B.L. Thorne. 2010. Eusocial evolution in termites and Hymenoptera. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 97–132. Dordrecht: Springer, xiv + 576 pp.

Howard, R.W., C.A. McDaniel, and G.J. Blomquist. 1978. Cuticular hydrocarbons of the eastern subterranean termite, *Reticulitermes flavipes* (Kollar) (Isoptera: Rhinotermitidae). Journal of Chemical Ecology 4 (2): 233–245.

Howard, R.W., E.J. Mallette, M.I. Haverty, and R.V. Smythe. 1981. Laboratory evaluation of within-species, between-species, and parthenogenetic reproduction in *Reticulitermes flavipes* and *Reticulitermes virginicus*. Psyche (Cambridge) 88 (1–2): 75–87.

Howard, R.W., C.A. McDaniel, D.R. Nelson, G.J. Blomquist, L.T. Gelbaum, and L.H. Zalkow. 1982. Cuticular hydrocarbons of *Reticulitermes virginicus* (Banks) and their role as potential species- and caste-recognition cues. Journal of Chemical Ecology 8 (9): 1227–1239.

Howard, R.W., B.L. Thorne, S.C. Levings, and C.A. McDaniel. 1988. Cuticular hydrocarbons as chemotaxonomic characters for *Nasutitermes corniger* (Motschulsky) and *N. ephratae* (Holmgren) (Isoptera: Termitidae). Annals of the Entomological Society of America 81 (3): 395–399.

Howell, H.N., Jr. 1984. New state record of *Pterotermes occidentis* (Walker). Southwestern Entomologist 9 (4): 397–398.

Howell, H.N., Jr., P.J. Hamman, and T.A. Granovsky. 1987. The geographical distribution of the termite genera *Reticulitermes, Coptotermes,* and *Incisitermes* in Texas. Southwestern Entomologist 12 (2): 119–125.

Howell, H.N., R.E. Gold, and G.J. Glenn. 2001. *Coptotermes* distribution in Texas (Isoptera: Rhinotermitidae). Sociobiology 37 (3B): 687–697.

Howick, C.D., and J.W. Creffield. 1980. Interspecific antagonism in *Coptotermes acinaciformis* (Froggatt) (Isoptera: Rhinotermitidae). Bulletin of Entomological Research 70: 17–23.

Howse, P.E. 1962. Oscillation movements in the termite *Zootermopsis angusticollis* Emerson. Symposia Genetica et Biologica Italica 11: 256–268.

Howse, P.E. 1964a. The significance of the sound produced by the termite *Zootermopsis angusticollis* (Hagen). Animal Behaviour 12 (2–3): 284–300.

Howse, P.E. 1964b. An investigation into the mode of action of the subgenual organ in the termite, *Zootermopsis angusticollis* Emerson, and in the cockroach, *Periplaneta americana* L. Journal of Insect Physiology 10: 409–424.

Howse, P.E. 1965a. On the significance of certain oscillatory movements of termites. Insectes Sociaux 12 (4): 335–345.

Howse, P.E. 1965b. The structure of the subgenual organ and certain other mechanoreceptors of the termite *Zootermopsis angusticollis* (Hagen). Proceedings of the Royal Entomological Society of London, Series A, General Entomology 40 (10–12): 137–146.

Howse, P.E. 1966. Air movement and termite behaviour. Nature 210 (5039): 967–968.

Howse, P.E. 1967. Nest building behaviour of the termite *Zootermopsis nevadensis* (Hagen). Comptes rendus du Ve congrès de l'Union Internationale pour l'Étude des Insectes Sociaux, Toulouse, 5–10 July, 1965 1965: 143–148.

Howse, P.E. 1968. On the division of labour in the primitive termite *Zootermopsis nevadensis* (Hagen). Insectes Sociaux 15 (1): 45–50.

Howse, P.E. 1970. Termites: a study in social behaviour. London: Hutchinson University Library, 150 pp.

Howse, P.E. 1975. Chemical defenses of ants, termites, and other insects: some outstanding questions. *In* C. Noirot, P.E. Howse, and G. Le Masne (editors), Pheromones and defensive secretions in social insects: proceedings of a symposium held on 18th, 19th and 20th September, 1975 at the University of Dijon: 23–40. Dijon: French Section of the IUSSI, 248 pp.

Howse, P.E. 1984a. Alarm, defence and chemical ecology of social insects. *In* T. Lewis (editor), Insect communication: 151–167. New York: Academic Press, xvii + 414 pp.

Howse, P.E. 1984b. Sociochemicals of termites. *In* W.J. Bell, and R.T. Cardé (editors), Chemical ecology of insects: 475–519. Sunderland, MA: Sinauer Associates, xiv + 524 pp.

Howse, P.E. 1992. The chemical ecology of forest and savanna termites. *In* P.A. Furley, J. Procter, and J.A. Ratter (editors), Nature and dynamics of forest-savanna boundaries: 485–498. New York: Chapman and Hall, xxi + 616 pp.

Howse, P.E., and J.W.S. Bradshaw. 1980. Chemical systematics of social insects with particular reference to ants and termites. *In* F.A. Bisby, J.G. Vaughan, and C.A. Wright (editors), Chemosystematics: principles and practice: 71–90. New York: Academic Press, 450 pp.

Hozawa, S. 1912. On Nils Holmgren's "Die Termiten Japans." Dobutsugaku Zasshi (Zoological Magazine) 24: 493–502. [in Japanese]

Hozawa, S. 1915. Revision of the Japanese termites. Journal of the College of Science, Imperial University of Tokyo 35 (7): 1–161 + 4 pls.

Hozawa, S. 1932. Termites. *In* T. Esaki (editor), Iconographia insectorum japonicorum: 2004–2010. Tokyo, Japan: Hokuryukan, 2241 + 97 + 123 + 15 pp. [in Japanese]

Hrdý, I. 1961a. A contribution to laboratory testing of termite resistance of materials. Drevársky V_skum 6 (1): 41–50. [in Czechoslovakian]

Hrdý, I. 1961b. Contribution to the knowledge of European species of the genus *Reticulitermes* (Holmgren) (Isoptera: Rhinotermitidae). Acta Faunistica Entomologica Musei Nationalis Pragae 7 (61): 97–107.

Hrdý, I. 1985. The role of juvenile hormones and juvenoids in soldier formation in Rhinotermitidae. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3: caste differentiation in social insects: 245–249. Oxford: Pergamon Press, xiv + 405 pp.

Hrdý, I., and J. Křeček. 1972. Development of superfluous soldiers induced by juvenile hormone analogues in the termite, *Reticulitermes lucifugus santonensis.* Insectes Sociaux 19 (2): 105–109.

Hrdý, I., and J. Zeleny. 1969. Preferencia de algunos termites de Cuba por los arboles de pino y limonero con diferentes grados de humedad. Poeyana: Instituto de Zoología, Academia de Ciencias de Cuba (A) 65: 1–39.

Hrdý, I., J. Křeček, and J. Vrkoč. 1977. Biological activity of soldier secretions in the termites *Nasutitermes rippertii, N. costalis,* and *Prorhinotermes simplex. In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects [Wageningen, 1977]: 303–304. Wageningen, the Netherlands: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Hsia, K.-L., and S.-T. Fan. 1965. Notes on the genus *Reticulitermes* Holmgen of China (Isoptera: Rhinotermitidae). Acta Entomologica Sinica 14 (4): 360–382. [in Chinese, with English summary]

Hsia, K.-L., and S.-T. Fan. 1970. Notes on the genus *Reticulitermes* Holmgren of China (Isoptera, Rhinotermitidae). Scripta Technica 3: 51–75. [English translation of Hsia and Fan, 1965]

Hu, J., J.-H. Zhong, and M.-F. Guo. 2006. Foraging territories of the black-winged subterranean termite *Odontotermes formosanus* (Isoptera: Termitidae) in southern China. Sociobiology 48 (3): 661–672.

Hu, X.[-]P., and A.G. Appel. 2004. Seasonal variation of critical thermal limits and temperature tolerance in Formosan and eastern subterranean termites (Isoptera: Rhinotermitidae). Environmental Entomology 33 (2): 197–205.

Hu, X.[-]P., and F. Oi. 2004. Distribution and establishment of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in Alabama. Sociobiology 44 (1): 35–47.

Hu, X.[-]P., and Y. Xu. 2005. Morphological embryonic development of the eastern subterranean termite, *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 45 (3): 573–586.

Hu, X.-P., and F. Zhu. 2003. Aggressive relationship between two subterranean termites (Isoptera: Rhinotermitidae). Acta Zoologica Sinica 49 (3): 295–302.

Hu, X.[-]P., A.G. Appel, and J.F.A. Traniello. 2003. Behavioral response of two subterranean termites (Isoptera: Rhinotermitidae) to vibrational stimuli. Journal of Insect Behavior 16 (5): 703–715.

Hua, L.-Z. 2000. List of Chinese insects. Vol. 1. Guangzhou: Zhongshan (Sun Yat-Sen) University Press, [6] + 448 pp.

Huang, F.-S. 1980. New records of termites from China. Acta Zootaxonomica Sinica 5 (1): 29. [in Chinese, with English title]

Huang, F.-S., and Y.-H. Han. 1987. Termites collected from Xizang with descriptions of new species. Sinozoologia 5: 47–51. [in Chinese, with English summary]

Huang, F.-S., and Y.-H. Han. 1988a. Termita: Kalotermitidae, Rinotermitidae [sic], Termitidae. Agricultural Insects, Spiders, Plant Diseases and Weeds of Xizang 1 [1987]: 37–50. [in Chinese, with English summary]

Huang, F.-S., and Y.-H. Han. 1988b. Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae. *In* F.-S. Huang, P.-Y. Wang, W.-Y. Yin, P.-Y. Yu, T.-S. Lee, C.-K. Yang, and X.-J. Wang (editors), Insects of Mt. Namjagbarwa region of Xizang: 59–76. Beijing: Science Press, [8] + xii + 621 pp. [in Chinese, with English summary]

Huang, F.-S., and Y.-H. Han. 1993. Isoptera: Rhinotermitidae, Termitidae. *In* C.-M. Huang (editor), Animals of Longqi Mountain: 84–96. Beijing: China Forestry Publishing House, [6] + 1130 pp. [in Chinese, with English summary]

Huang, F.-S., and Y.-H. Han. 1997. Isoptera: Rhinotermitidae and Termitidae. *In* X.-K. Yang (editor), Insects of the Three Gorge Reservoir area of Yangtze River. Part 1: 104–112. Chongqing: Chongqing Publishing House, xx + 974 pp. [in Chinese, with English summary]

Huang, F.-S., and G.-X. Li. 1988. A new species of *Odontotermes* from Fujian Province, China (Isoptera: Termitidae). Sinozoologia 6: 141–143. [in Chinese, with English summary]

Huang, F.[-S.], and G.[-X.] Li. 1999. Isoptera. *In* B. Huang (editor), Fauna of insects: Fujian Province of China. Vol. 1: 267–323. Fujian: Science and Technology Publishers, 2 + 2 + 3 + 479 + [2] pp. [in Chinese, with English title, abstract, and references]

Huang, F.-S., and S.-M. Zhu. 1986. A new species of the genus *Stylotermes* (Isoptera: Rhinotermitidae). Sinozoologia 4: 103–105. [in Chinese, with English summary]

Huang, F.-S., S.-M. Zhu, and F.-R. Shen. 1986a. A new species of the genus *Glyptotermes* from Yunnan, China (Isoptera: Kalotermitidae). Entomotaxonomia 8 (1–2): 141–146. [in Chinese, with English summary]

Huang, F.-S., Y.-J. Zhang, and Z.-D. Zhang. 1986b. The distribution of termites in Shaanxi Province and the description of a new species. Entomotaxonomia 8 (3): 215–220. [in Chinese, with English summary]

Huang, F.-S., S.-M. Zhu, and G.-X. Li. 1987. Effect of continental drift on phylogeny of termites. Zoological Research 8 (1): 55–60. [in Chinese, with English summary]

Huang, F.-S., S.-M. Zhu, and G.-X. Li. 1988. The morphology of termite [sic] (Isoptera) and its taxonomic system. Zoological Research 9 (3): 301–307. [in Chinese, with English summary]

Huang, F.-S., G.-X. Li, and S.-M. Zhu. 1989. The taxonomy and biology of Chinese termites—Isoptera. Guangzhou: Tianze Press, 2 + 2 + 605 pp. [in Chinese, with English title]

Huang, F.-S., Y.-B. Han, and S.-M. Zhu. 1996. The variability of some characters of the genus *Hodotermopsis* Holmgren 1911 and the discussion of species collated. Science and Technology of Termites 13 (3): 1–4. [in Chinese, with English summary]

Huang, F.-S., S.-M. Zhu, D.-R. Gao, F.-Y. Liu, G.-X. Li, W.-L. Xiao, and X.-S. He. 1998. Characteristic analyse [sic] and taxonomic system on Isoptera. Entomotaxonomia 20 (1): 14–20. [in Chinese, with English summary]

Huang, F.[-S.], S.[-M.] Zhu, X.[-M.] Ping, X.-[S.] He, G.[-X.] Li, and D.[-R.] Gao. 2000. Fauna Sinica. Vol. 17, Insecta: Isoptera. Beijing: Science Press, xxiv + 961 pp. [in Chinese]

Huang, F.-S., H. Yin, R. Zeng, M. Lin, and M. Gu. 2002. Forest insects of Hainan. Beijing: National Natural Science Foundation of China, xv + 1064 pp. [in Chinese]

Huang, H.-H., and X.-P. Fu. 1996. *Nasutitermes matangensiformis* in wood imported from Malaya. Science and Technology of Termites 13 (1): 24. [in Chinese]

Huang, H.-H., and J.-J. Lin. 1996. *Coptotermes havilandi* in wood imported from Malaya. Plant Quarantine 10 (3): 169. [in Chinese]

Huang, L.-W. 1987. The growth of colony size in relation to increasing reproductive capacity of *Coptotermes formosanus* Shiraki. Acta Entomologica Sinica 30 (4): 393–396. [in Chinese, with English summary]

Huang, L.-W., and L.-L. Chen. 1984. Biology and colony development of *Coptotermes formosanus* Shiraki. Acta Entomologica Sinica 27 (1): 64–69. [in Chinese, with English title, abstract, and reference list]

Huang, L.-W., and H.-W. Jung. 1980. The influence of temperature and humidity on the initial colonies of *Coptotermes formosanus* Shiraki. Acta Entomologica Sinica 23 (1): 32–36. [in Chinese, with English title, abstract, and reference list]

Huang, L.-W., C.-Z. Yiao, L.-D. Huang, and L.-M. Lu. 1984. Observation on the initiation of colony formation and behavior of termites. Acta Entomologica Sinica 27 (3): 355–358. [in Chinese, with English title]

Huang, Z.-Y., Z.-R. Dai, F.-M. He, X.-Y. Xie, C.-G. Xia, X. Qian, R.-H. Yang, and R.-L. Zhang. 1997. Studies on biology and function of neoteinics of *Cryptotermes domesticus* (Haviland) (Lsoptera [sic]: Kalotermitidae). Natural Enemies of Insects 19 (4): 165–168. [in Chinese, with English summary]

Huang, Z.[-Y.], Z. Dai, J. Zhong, X. Qian, B. Liu, F. Xia, R. Yang, and R. Zhang. 2003. Studies on behaviour of primary reproductives in *Cryptotermes domesticus* (Haviland) (Isoptera: Kalotermitidae). Natural Enemies of Insects 25 (4): 169–174. [in Chinese]

Huang, Z.[-Y.], Z. Dai, J. Zhong, X. Qian, B. Liu, C. Xia, H. Huang, F. Xia, R. Yang, and R. Zhang. 2004. Studies on influence of temperature, relative humidity and atmosphere pressure to swarming of primary reproductives in *Cryptotermes domesticus* (Haviland) (Isoptera: Kalotermitidae). Natural Enemies of Insects 26 (3): 126–131.

Huang, Z., X. Chen, Y. Shi, Z. Shen, J. Peng, and H. Yang. 2011. Molecular analysis of some Chinese termites (Isoptera) based on the mitochondrial cytochrome oxidase (CoII) gene. Sociobiology 58 (1): 107–118.

Hudson, G.B. 1947. Studies in the comparative anatomy and systematic importance of the hexapod tentorium. II. Dermaptera, Embioptera and Isoptera. Journal of the Entomological Society of Southern Africa 9: 99–110.

Hudson, G.V. 1904. New Zealand Neuroptera. London: West, Newman and Co., x + 102 pp. + 11 pls.

Hummel, H. 1968. Chemische anreicherungsversuche zum studium eines spurwirksamen pheromons der termite *Zootermopsis nevadensis* Hagen. Insectes Sociaux 15 (3): 213–216.

Hungate, R.E. 1936. Studies on the nutrition of *Zootermopsis.* I. The rôle of bacteria and molds in cellulose decomposition. Zentralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten (2) 94: 240–249.

Hungate, R.E. 1938. Studies on the nutrition of *Zootermopsis.* II. The relative importance of the termite and the Protozoa in wood digestion. Ecology 19 (1): 1–25.

Hungate, R.E. 1939. Experiments on the nutrition of *Zootermopsis.* III. The anaerobic carbohydrate dissimilation by the intestinal Protozoa. Ecology 20 (2): 230–245.

Hungate, R.E. 1941. Experiments on the nitrogen economy of termites. Annals of the Entomological Society of America 34 (2): 467–489.

Hungate, R.E. 1943. Quantitative analyses on the cellulose fermentation by termite Protozoa. Annals of the Entomological Society of America 36 (4): 730–739.

Hungate, R.E. 1946a. Studies on cellulose fermentation. II. An anaerobic cellulose decomposing actinomycete, *Micromonospora propionici,* n. sp. Journal of Bacteriology 51 (1): 51–56.

Hungate, R.E. 1946b. The symbiotic utilization of cellulose. Journal of the Elisha Mitchell Scientific Society 62 (1): 9–24.

Hungate, R.E. 1950. Mutualisms in Protozoa. Annual Review of Microbiology 4: 53–66.

Hurault, J. 1991. Les termitières geantes fossiles de l'Adamaoua occidental (Cameroun). Cahiers Geologiques 118: 1247–1251.

Hurd, P.D., Jr., R.F. Smith, and J.W. Durham. 1962. The fossiliferous amber of Chiapas, Mexico. Ciencia (México) 21 (3): 107–118.

Husen, T.J., S.T. Kamble, and J.M. Stone. 2006a. A characterization of subterranean termites in Nebraska using micro-morphological and molecular techniques. Sociobiology 48 (1): 247–265.

Husen, T.J., S.T. Kamble, and J.M. Stone. 2006b. Microsatellite genotyping to distinguish colonies and intra-species variation in the Eastern subterranean termite, *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 48 (3): 819–835.

Husseneder, C., and J.K. Grace. 2001a. Evaluation of DNA fingerprinting, aggression tests, and morphometry as tools for colony delineation of the Formosan subterranean termite. Journal of Insect Behavior 14 (2): 173–186.

Husseneder, C., and J.K. Grace. 2001b. Similarity is relative: hierarchy of genetic similarities in the Formosan subterranean termite (Isoptera: Rhinotermitidae) in Hawaii. Environmental Entomology 30 (2): 262–266.

Husseneder, C., M. Kaib, C. Epplen, J.T. Epplen, and R. Brandl. 1997. Small-scale population structure of the termite *Schedorhinotermes lamanianus*: aggression modulated by genetic and environmental factors. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 11 (1–6): 183–187.

Husseneder, C., R. Brandl, C. Epplen, J.T. Epplen, and M. Kaib. 1998. Variation between and within colonies in the termite: morphology, genomic DNA, and behaviour. Molecular Ecology 7: 983–990.

Husseneder, C., R. Brandl, C. Epplen, J.T. Epplen, and M. Kaib. 1999. Within-colony relatedness in a termite species: genetic roads to eusociality? Behaviour 136 (9): 1045–1063.

Husseneder, C., E.L. Vargo, and J.K. Grace. 2002. Multilocus DNA fingerprinting and microsatellite genotyping: complementary molecular approaches to investigating colony and population genetic structure in subterranean termites. Sociobiology 40 (1): 217–226.

Husseneder, C., J.K. Grace, M.T. Messenger, E.L. Vargo, and N.-Y. Su. 2003. Describing the spatial and social organization of Formosan subterranean termite colonies in Armstrong Park, New Orleans. Sociobiology 41 (1): 61–65.

Husseneder, C., M.T. Messenger, N.-Y. Su, J.K. Grace, and E.L. Vargo. 2005. Colony social organization and population genetic structure of an introduced population of Formosan subterranean termite from New Orleans, Louisiana. Journal of Economic Entomology 98 (5): 1421–1434.

Husseneder, C., D.M. Simms, and D.R. Ring. 2006. Genetic diversity and genotypic differentiation between the sexes in swarm aggregations decrease inbreeding in the Formosan subterranean termite. Insectes Sociaux 53: 212–219.

Husseneder, C., J.E. Powell, J.K. Grace, E.L. Vargo, and K. Matsuura. 2008. Worker size in the Formosan subterranean termite in relation to colony breeding structure as inferred from molecular markers. Journal of Economic Entomology 37 (2): 400–408.

Hutchings, P.A., and H.F. Recher. 1982. The fauna of Australian mangroves. Proceedings of the Linnean Society of New South Wales 106 (1–2): 83–121.

Hyodo, F., J.-I. Azuma, and T. Abe. 1999. A new pattern of lignin degradation in the fungus comb of *Macrotermes carbonarius* (Isoptera, Termitidae, Macrotermitinae). Sociobiology 34 (3): 591–596.

Hyodo, F., I. Tayasu, T. Inoue, J.-I. Azuma, and T. Kudo. 2003. Differential role of symbiotic fungi in lignin degradation and food provision for fungus-growing termites (Macrotermitinae: Isoptera). Functional Ecology 17: 186–193.

Hyodo, F., I. Tayasu, and E. Wada. 2006. Estimation of the longevity of C in terrestrial detrital food webs using radiocarbon (14C): how old are diets in termites? Functional Ecology 20: 385–393.

ICZN [International Commission on Zoological Nomenclature]. 1985. Opinion 1310. *Eutermes exitiosus* Hill, 1925 (Insecta, Isoptera): conserved. Bulletin of Zoological Nomenclature 42 (2): 154–155.

ICZN. 1994. Opinion 1781. *Termes lacteus* Froggatt, 1898 (currently *Coptotermes lacteus*; Insecta, Isoptera): specific name conserved. Bulletin of Zoological Nomenclature 51 (3): 275–276.

ICZN. 1995. Opinion 1808. *Mastotermes darwiniensis* Froggatt, 1897 and *Termes meridionalis* Froggatt, 1898 (currently *Amitermes meriodionalis* (Insecta, Isoptera): neotypes retained following rediscovery of syntypes. Bulletin of Zoological Nomenclature 52 (2): 206–207.

ICZN. 1999. International Code of Zoological Nomenclature. 4th ed. London: International Trust for Zoological Nomenclature, xix + 306 pp.

ICZN. 2002. Opinion 2007 (Case 3164). *Kalotermes* Hagen, 1853 (Insecta, Isoptera): *flavicollis* Fabricius, 1793 designated as the type species. Bulletin of Zoological Nomenclature 59 (3): 209–210.

ICZN. 2003. Opinion 2038 (Case 3155). Macrotermitinae Kemner, 1934 (Insecta, Isoptera): given precedence over Acanthotermitinae Sjöstedt, 1926. Bulletin of Zoological Nomenclature 60 (2): 162–163.

ICZN. 2004. Opinion 2064 (Case 3181). *Cryptotermes dudleyi* Banks, 1918 (Insecta: Isoptera): specific name given precedence over *Calotermes* (*Cryptotermes*) *jacobsoni* Holmgren, 1913. Bulletin of Zoological Nomenclature 61 (1): 57–58.

ICZN. 2005. Opinion 2124 (Case 3244). Termopsidae Holmgren, 1911, *Termopsis* Heer, 1849 and *Miotermes* Rosen, 1913 (Insecta: Isoptera): usage conserved by the designation of *Termopsis bremii* Heer, 1849 as the type species of *Termopsis* and the family-group name Termopsidae given precedence over Stylotermitinae Holmgren, 1910. Bulletin of Zoological Nomenclature 62 (3): 164–166.

ICZN. 2007. Opinion 2168 (Case 3292). *Nasutitermes* Dudley, 1890, *Microcerotermes* Silvestri, 1901 and Nasutitermitinae Hare, 1937 (Insecta, Isoptera): application to conserve names not approved. Bulletin of Zoological Nomenclature 64 (1): 73–74.

ICZN. 2009. Opinion 2225 (Case 3412). *Reticulitermes* Holmgren, 1913 (Insecta, Isoptera) given precedence over *Maresa* Giebel, 1856. Bulletin of Zoological Nomenclature 66 (2): 194–195.

Ignatti, A.C., and A.M. Costa-Leonardo. 2001. The exocrine glands of swarming females and physogastric queens of *Cornitermes cumulans* (Kollar) (Isoptera, Termitidae, Nasutermitinae). Revista Brasileira de Zoologia 18 (4): 1089–1096.

Ihering, H., von. 1887. See Jhering (1887).

Ikebara, T. 1980. Ryukyu archipelago termites. Anima 8: 18–22. [in Japanese]

Ikehara, S. 1957. The termite fauna of the Ryukyu Island and its economic significance (I). Bulletin of Arts and Science Division, University of the Ryukyus, Mathematics and Natural Sciences 1: 44–61.

Ikehara, S. 1958. The termite fauna of the Ryukyu Island and its economic significance (II). Bulletin of Arts and Science Division, University of the Ryukyus, Mathematics and Natural Sciences 2: 24–34.

Ikehara, S. 1959a. The termite fauna of the Ryukyu islands and its economic significance (III). Bulletin of Arts and Science Division, University of the Ryukyus, Mathematics and Natural Sciences 3: 31–41.

Ikehara, S. 1959b. The termite fauna of the Ryukyu Island and its economic significance (IV). Bulletin of Arts and Science Division, University of the Ryukyus, Mathematics and Natural Sciences 3: 43–51.

Ikehara, S. 1963. The termite fauna of the Ryukyu Islands. Proceedings of the Ninth Pacific Science Congress of the Pacific Science Association, Bangkok, December 1957 9 (Entomology): 9–14.

Ikehara, S. 1966. Distribution of termites in the Ryukyu Archipelago. Bulletin of Arts and Science Division, University of the Ryukyus, Mathematics and Natural Sciences 9: 49–178.

Ikehara, S. 1978. Distribution of termites in the Ryukyu Islands. Shiroari (Termite) 32: 3–8. [in Japanese, with English title]

Ikemoto, Y., Y. Ishikawa, T. Miura and H. Asama. 2009. A mathematical model for caste differentiation in termite colonies (Isoptera) by hormonal and pheromonal regulations. Sociobiology 54 (3): 841–859.

Illiger, K. 1805. Vermischte Bemerkungen. Magazin für Insektenkunde (Illiger) 4: 226–235.

Illiger, J.C.W. 1807. *Hemerobius. In* P. Rossi and J.C.W. Illiger, Fauna etrusca: sistens insecta quae in provinciis florentina et pisana praesertim collegit Petrus Rossius: tomus secundus. Iterum edita et annotatis perpetuis aucta a D. Carolo Illiger: 13–17. Helmstadii [Helmstadt], Germany: C.G. Fleckeisen, Prosperi, viii + 511 pp. + 11 pls.

Imms, A.D. 1919. On the structure and biology of *Archotermopsis,* together with descriptions of new species of intestinal Protozoa, and general observations on the Isoptera. Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences 209: 75–180 + 8 pls.

Imms, A.D. 1930. A general text-book of entomology, including the anatomy, physiology, development and classification of insects. 2nd ed. London: Methuen and Co., x + 703 pp.

Imms, A.D. 1957. Order 14. Isoptera (termites or white ants). *In* A.D. Imms, C.W. Richards, and R.G. Davis, A general text-book of entomology, including the anatomy, physiology, development and classification of insects, 9th ed.: 366–395. London: Methuen and Co., x + 886 pp.

Indrayani, Y., K. Matsumura, T. Yoshimura, Y. Imamura, and S. Itakura. 2006. Development of microsatellite markers for the drywood termite *Incisitermes minor* (Hagen). Molecular Ecology Notes 6: 1249–1251.

Iniesto, P., J. Deligne, G. Josens, and J. Verbank. 2001. Morphologie fonctionnelle des nids de *Noditermes aburiensis* (Insecta Isoptera). Actes des Colloques Insectes Sociaux 14: 39–43.

Inoue, T., P. Vijarnsorn, and T. Abe. 1997a. Mound structure of the fungus-growing termite *Macrotermes gilvus* in Thailand. Journal of Tropical Ecology 13 (1): 115–124.

Inoue, T., S. Kambhampati, L.R. Miller, M. Slaytor, I. Tayasu, and T. Abe. 1997b. A new symbiotic relationship between the higher termites and amoebae. *In* T. Abe, N. Kirtibutr, and J.A. Holt (editors), Global diversification of termites—its pattern and causal mechanism: 159–171. Kyoto: Japanese Ministry of Education, Science, Sports, and Culture, iv + 377 pp.

Inoue, T., K. Murashima, J.-I. Azuma, A. Sugimoto, and M. Slaytor. 1997c. Cellulose and xylan utilisation in the lower termite *Reticulitermes speratus.* Journal of Insect Physiology 43 (3): 235–242.

Inoue, T., O. Kitade, T. Yoshimura, and I. Yamaoka. 2000. Symbiotic associations with protists. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 275–288. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Inoue, T., N. Kirtibutr, and T. Abe. 2001a. Underground passage system of *Macrotermes carbonarius* (Isoptera, Termitidae) in a dry evergreen forest of northeast Thailand. Insectes Sociaux 48: 372–377.

Inoue, T., Y. Takematsu, F. Hyodo, A. Sugimoto, A. Yamada, C. Klangkaew, N. Kirtibutr, and T. Abe. 2001b. The abundance and biomass of subterranean termites (Isoptera) in a dry evergreen forest of northeast Thailand. Sociobiology 37 (1): 41–52.

Inoue, T., Y. Hongoh, C. Klangkaew, Y. Takematsu, C. Vongkaluang, N. Noparatnaraporn, M. Ohkuma, and T. Kudo. 2005. Plasticity and specificity of termite nest structure (Isoptera). Sociobiology 45 (3): 671–678.

Inoue, T., Y. Takematsu, A. Yamada, Y. Hongoh, T. Johjima, S. Moriya, Y. Sornnuwat, C. Vongkaluang, M. Ohkuma, and T. Kudo. 2006. Diversity and abundance of termites along an altitudinal gradient in Khao Kitchagoot National Park, Thailand. Journal of Tropical Ecology 22: 609–612.

Inward, D., G. Beccaloni, and P. Eggleton. 2007a. Death of an order: a comprehensive molecular phylogenetic study confirms that termites are eusocial cockroaches. Biology Letters 3 (3): 331–335.

Inward, D.J.G., A.P. Vogler, and P. Eggleton. 2007b. A comprehensive phylogenetic analysis of termites (Isoptera) illuminates key aspects of their evolutionary biology. Molecular Phylogenetics and Evolution 44: 953–967.

Ionescu, M.A. 1951. Insecta: Isoptera. Fauna Republicii Populare Române 8 (2): 1–23.

Ionescu, M.A. 1969. Über die Termiten Rumäniens. Holz als Roh- und Werkstoff 27: 121. [abstract]

Ionescu, M.A. 1971. Sur les termites de Roumanie. Proceedings 13th International Congress of Entomology, Moscow 1: 144–145.

Irish, J. 1985. Zoological types in the State Museum. Cimbebasia (Series A) 7 (8): 107–132.

Ishida, Y., V.P. Chiang, M.I. Haverty, and W.S. Leal. 2002. Oderant-binding proteins from a primitive termite. Journal of Chemical Ecology 28 (9): 1887–1893.

Ishihara, T. 1975a. The termite fauna of the Shikoku parts (Japan). Shiroari (Termite) 23: 3–6. [in Japanese, with English title]

Ishihara, T. 1975b. Outline of the termite fauna in the Shikoku parts (Japan) (Supplement). Shiroari (Termite) 24: 47–48. [in Japanese, with English title]

Ishikawa, Y., S. Koshikawa, and T. Miura. 2007. Differences in mechanosensory hairs among castes of the dampwood termite *Hodotermopsis sjostedti* (Isoptera: Termopsidae). Sociobiology 50 (3): 895–907.

Issa, S. 1995. Algunas observaciones sôbre el comportamiento de soldados de dos especies de *Nasutitermes* (Termitidae: Nasutitermitinae). Boletín de Entomologia Venezolana (n.s.) 10 (1): 119.

Issa, S. 2000. A checklist of the termites from Venezuela (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae. Florida Entomologist 83 (3): 379–382.

Issa, S., and K. Jaffe. 1996. Aspectos ecologicos de *Nasutitermes corniger* (Motschulsky) (Termitidae: Nasutitermitinae) en Barlovento (Edo Miranda), Venezuela. Boletín de Entomologia Venezolana 11 (1): 33–38.

Itakura, S., H. Tanaka, A. Enoki, D.J. Chappell, and M. Slaytor. 2003. Pyruvate and acetate metabolism in termite mitochondria. Journal of Insect Physiology 49: 917–926.

Itakura, S., T. Kankawa, H. Tanaka, and A. Enoki. 2006. Identification of two subterranean termite species (Isoptera: Rhinotermitidae) using the loop-mediated isothermal amplification (LAMP) method. Sociobiology 47 (1): 99–113.

Ito, S. 1979. Soldierless termites. Shiroari (Termite) 39: 1–2. [in Japanese, with English title]

Iwata, R., A. Monden, T. Yoshikawa, T. Kikuchi, and A. Yamane. 1999. Grooming and some other inter-individual behavioral actions in *Reticulitermes speratus* (Isoptera: Rhinotermitidae), with reference to the frequency of each action among castes and stages. Sociobiology 34 (1): 45–64.

Jacklyn, P.[M.]. 1991. Evidence for adaptive variation in the orientation of *Amitermes* (Isoptera: Termitinae) mounds from northern Australia. Australian Journal of Zoology 39 (5): 569–577.

Jacklyn, P.M. 1992. "Magnetic" termite mound surfaces are oriented to suit wind and shade conditions. Oecologia (Berlin) 91 (3): 385–395.

Jacklyn, P.M., and U. Munro. 2002. Evidence for the use of magnetic cues in mound construction by the termite *Amitermes meridionalis* (Isoptera: Termitinae). Australian Journal of Zoology 50: 357–368.

Jacobson, G. 1905. Zur Kenntnis der Termiten Russlands. Annuaire du Musée Zoologique de l'Académie Impériale des Sciences de St.-Pétersbourg 9 [1904]: 57–107.

Jacqué, M. 1999. Isoptères (Termites). *In* M. Louette, La faune terrestre de Mayotte: 143–144. Annales des Sciences Naturelles, Zoologie 284: 247 pp.

Jaffe, K., C. Ramos, and S. Issa. 1995. Trophic interactions between ants and termites that share common nests. Annals of the Entomological Society of America 88 (3): 328–333.

Jakobson G.G. [= Jacobson, G.] 1907. Neue Materialien zur Kenntnis der Termiten Kaukasiens. Mitteilungen der Kaukasische Museum, Tiflis 3: 237–238.

Jamieson, B.G.M., R. Dallai, and B.A. Afzelius. 1999. Insects: their spermatozoa and phylogeny. Enfield, NH: Science Publishers, Inc., v + [3] + 555 pp.

Jander, R., and K. Daumer. 1974. Guide-line and gravity orientation of blind termites foraging in the open (Termitidae: *Macrotermes, Hospitalitermes*). Insectes Sociaux 21 (1): 45–69.

Janicki, C. 1911. Zur Kenntnis des Parabasalapparats bei parasitischen Flagellaten. Biologisches Centralblatt 31 (11): 321–330.

Janicki, C. 1915. Untersuchungen an parasitischen Flagellaten. II. Teil. Die Gattungen Devescovina, Parajoenia, Stephanonympha, Calonympha—über den Parabasalapparat—über Kernkonstitution und Kernteilung. Zeitschrift für Wissenschaftliche Zoologie 112 (4): 573–691.

Jarvis, K.J., F. Haas, and M.F. Whiting. 2005. Phylogeny of earwigs (Insecta: Dermaptera) based on molecular and morphological evidence: reconsidering the classification of Dermaptera. Systematic Entomology 30: 442–453.

Jarzembowski, E.A. 1980. Fossil insects from the Bembridge Marls, Palaeogene of the Isle of Wight, southern England. Bulletin of the British Museum (Natural History), Geology 33 (4): 237–293.

Jarzembowski, E.A. 1981. An early Cretaceous termite from southern England (Isoptera: Hodotermitidae). Systematic Entomology 6: 91–96.

Jarzembowski, E.A. 1984. Early Cretaceous insects from southern England. Modern Geology 9 (1): 71–93 + 4 pls.

Jarzembowski, E.A. 1989. A century plus of fossil insects. Proceedings of the Geologists' Association 100 (4): 433–447.

Jarzembowski, E.A. 1991. New insects from the weald clay of the Weald. Proceedings of the Geologists' Association 102 (2): 93–108.

Jarzembowski, E.A. 1994. Fossil cockroaches or pinnule insects? Proceedings of the Geologists' Association 105 (4): 305–311.

Jarzembowski, E.A. 2001. Review of early insects and paleocommunities. Annales de la Société Entomologique de France (N.S.) 37 (1–2): 11–19.

Jarzembowski, E.A., and A. Ross. 1993. Time flies: the geological record of insects. Geology Today 1993: 218–223.

Jeeva, D., D.E. Bignell, P. Eggleton, and M. Maryati. 1999. Respiratory gas exchanges of termites from the Sabah (Borneo) assemblage. Physiological Entomology 24 (1): 11–17.

Jenkins, T.M., C.J. Basten, R. Dean, S.E. Mitchell, S. Kresovich, and B.T. Forschler. 1999a. Matriarchal genetic structure of *Reticulitermes* (Isoptera: Rhinotermitidae) populations. Sociobiology 33 (3): 239–263.

Jenkins, T.M., C.J. Basten, S. Kresovich, and B.T. Forschler. 1999b. Mitochrondrial gene sequence questions *Reticulitermes* sp. social structure (Isoptera: Rhinotermitidae). Sociobiology 34 (1): 161–172.

Jenkins, T.M., M.I. Haverty, C.J. Basten, L.J. Nelson, M. Page, and B.T. Forschler. 2000. Correlation of mitochondrial haplotypes with cuticular hydrocarbon phenotypes of sympatric *Reticulitermes* species from the southeastern United States. Journal of Chemical Ecology 26 (6): 1525–1542.

Jenkins, T.M., R.E. Dean, R. Verkerk, and B.T. Forschler. 2001. Phylogenetic analyses of two mitochondrial genes and one nuclear intron region illuminate European subterranean termite (Isoptera: Rhinotermitidae) gene flow, taxonomy, and introduction dynamics. Molecular Phylogenetics and Evolution 20 (2): 286–293.

Jenkins, T.M., R.E. Dean, and B.T. Forschler. 2002. DNA technology, interstate commerce, and the likely origin of Formosan subterranean termite (Isoptera: Rhinotermitidae) infestation in Atlanta, Georgia. Journal of Economic Entomology 95 (2): 381–389.

Jenkings, T.M., S.C. Jones, C.-Y. Lee, B.T. Forschler, Z. Chen, G. Lopez-Martinez, N.T. Gallagher, G. Brown, M. Neal, B. Thistleton, and S. Kleinschmidt. 2007. Phylogeography illuminates maternal origins of exotic *Coptotermes gestroi* (Isoptera: Rhinotermitidae). Molecular Phylogenetics and Evolution 42: 612–621.

Jepson, F.P. 1927. A preliminary note on the distribution of the Ceylon tea *Calotermes.* Yearbook of the Department of Agriculture, Ceylon 1927: 19–21.

Jepson, F.P. 1928. Les termites du théir à Ceylon. Revue de Botanique Appliquée et d'Agriculture Coloniale 8 (88): 869–870.

Jepson, F.P. 1930a. Termites attacking *Hevea brasiliensis* in Ceylon. Tropical Agriculturist (Peradeniya) 75 (3): 143–156.

Jepson, F.P. 1930b. Reports on insect pests in Ceylon during 1929. Technical Report of the Department of Agriculture, Ceylon, Colombo 1929: 1–25.

Jepson, F.P. 1931. The termites which attack living plants in Ceylon. *In* H.K. Rutherford (editor), Rutherford's planters' note book, 9th ed.: 579–596. Colombo: Times of Ceylon Co., 908 pp.

Jepson, F.P. 1933. Dry-wood-inhabiting termites as a possible factor in the etiology of sprue. Ceylon Journal of Science, Section D, Medical Science 3 (1): 3–46 + 15 pls.

Jeyasingh, P.D., and C.A. Fuller. 2004. Habitat-specific life-history variation in the Caribbean termite *Nasutitermes acajutlae* (Isoptera: Termitidae). Ecological Entomology 29: 606–613.

Jhering [Ihering], H., von. 1887a. Generationswechsel bei Termiten. Entomologische Nachrichten 13 (1): 1–4.

Jhering [Ihering], H., von. 1887b. Nochmals der "Generationswechsel" bei Termiten. Entomologische Nachrichten 13 (12): 179–182.

Jiang, J., X. Huang, and R. Lin. 1993. Investigation of the termites of Guangxi forest with a classification and list. Plant Protection of Guangxi 1: 12–16. [in Chinese]

Jimenez, J.J., T. Decaens, and P. Lavelle. 2006. Nutrient spatial variability in biogenic structures of *Nasutitermes* (Termitinae: Isoptera) in a gallery forest of the Colombian 'Llanos.' Soil Biology and Biochemistry 38 (5): 1132–1138.

Jmhasly, P., and R.H. Leuthold. 1999a. Foraging territories of *Macrotermes bellicosus* and mutual territory dynamics between *M. bellicosus* and *M. subhyalinus* (Isoptera: Termitidae). Sociobiology 34 (1): 23–33.

Jmhasly, P., and R.H. Leuthold. 1999b. Intraspecific colony recognition in the termites *Macrotermes subhyalinus* and *Macrotermes bellicosus* (Isoptera, Termitidae). Insectes Sociaux 46 (2): 164–170.

Jmhasly, P., and R.H. Leuthold. 1999c. The system of underground passages in *Macrotermes subhyalinus* and comparison of laboratory bioassays to field evidence of intraspecific encounters in *M. subhyalinus* and *M. bellicosus* (Isoptera, Termitidae). Insectes Sociaux 46: 332–340.

Jocqué, R. 1999. Invertébrés. Isoptères (Termites). *In* M. Louette, La faune terrestre de Mayotte: 143–144. Annales, Musée Royal de l'Afrique Centrale, Série in Octavo, Sciences Zoologiques 284: 1–248.

Johjima, T., T. Inoue, M. Ohkuma, N. Noparatnaraporn, and T. Kudo. 2003. Chemical analysis of food processing by the fungus-growing termite *Macrotermes gilvus.* Sociobiology 42 (3): 815–824.

John, O. 1913. Notes on some termites from Ceylon. Spolia Zeylanica 9 (34): 102–116.
John, O. 1914. Observations sur les termites. Revue Russe d'Entomologie 13 [1913]: 491–500. [in Russian]
John, O. 1920. South American termites. Additional note to Mr. T. Strehlikov's article on [sic]. Bulletin de l'Institut Scientifique de St. Petersbourg (de l'Institut Leschaft Petrograd) 1: 227–234.
John, O. 1925. Termiten von Ceylon, der Malayischen Halbinsel, Sumatra, Java und den Aru-Inseln. Treubia 6 (3–4): 360–419 + 8 pls.
John, O. 1926. *Termes* (*Odontotermes*) *praevalens,* a new name for *O. robustus* John. Proceedings of the Biological Society of Washington 39: 143.
Johnson, A., and C. Rouland. 2002. Compairsons des activités enzymatiques de deux populations allopatriques de *Macrotermes belliosus* (Termitidae: Macrotermitinae). Insect Science and Its Application 22 (3): 193–198.
Johnson, R.A. 1979. Configuration of the digestive tube as an aid to identification of worker Termitidae (Isoptera). Systematic Entomology 4: 31–38.
Johnson, R.A. 1981. Colony development and establshment of the fungus comb in *Microtermes* sp. nr. *usambaricus* (Sjöstedt) (Isoptera: Macrotermitinae) from Nigeria. Insectes Sociaux 28 (1): 3–12.
Johnson, R.A., and T.G. Wood. 1980. Termites of the arid zones of Africa and the Arabian Peninsula. Sociobiology 5 (3): 279–293.
Johnson, R.A., R.W. Lamb, W.A. Sands, M.O. Shittu, R.M.C. Williams, and T.G. Wood. 1980. A check list of Nigerian termites (Isoptera) with brief notes on their biology and distribution. Nigerian Field 45 (2–3): 50–64.
Johnson, R.A., R.J. Thomas, T.G. Wood, and M.J. Swift. 1981. The inoculation of the fungus comb in newly founded colonies of some species of the Macrotermitinae (Isoptera) from Nigeria. Journal of Natural History 15: 751–756.
Johnson, S. 1984. A study of *Trinervitermes* species: the snouted harvester termite. Redwing 1984: 12–15.
Johnson, S., N.L. Breisch, B. Momen, and B.L. Thorne. 2011. Morphology and gonadal development of normal soldiers and reproductive soldiers of the termite *Zootermopsis nevadensis nevadensis* (Isoptera, Archotermopsidae). ZooKeys 148: 15–30.
Johnston, H.R., and R.H. Beal. 1969. What's new with the Formosan termite? Pest Control 37 (2): 24, 26, 30, 32.
Johnston, M.L., and D.E. Wheeler. 2007. The role of storage proteins in colony-founding in termites. Insectes Sociaux 54: 383–387.
Joly, M.N. 1849. Recherches pour servir à l'histoire naturelle et à l'anatomie des termites, vulgairement désignés sous le nom de fourmis blanches. Mémoires de l'Académie des Sciences de Toulouse (3) 5: 1–37 + 3 pls.
Jones, D.T. 1996. A qualitative survey of the termite assemblage and its consumption of food in lowland mixed dipterocarp forest of Brunei Darussalam. *In* D.S. Edwards, W.E. Booth, and S.C. Choy (editors), Tropical rainforest research—current issues. Monographiae biologicae 74: 297–305. Dordrecht: Kluwer Academic Publishers, 566 pp.
Jones, D.T. 2000. Termite assemblages in two distinct montane forest types at 1000 m elevation in the Maliau Basin, Sabah. Journal of Tropical Ecology 16 (2): 271–286.
Jones, D.T. 2007. Case 3385. *Termes serratus* Froggatt, 1898 (currently *Microcerotermes serratus*) and *Termes serrula* Desneux, 1904 (currently *Microcerotermes serrula*) (Insecta, Isoptera, Termitinae): proposed conservation of the specific names. Bulletin of Zoological Nomenclature 64 (2): 83–86.
Jones, D.T. 2008. Comment on the proposed conservation of *Termes serratus* Froggatt, 1898 (currently *Microcerotermes serratus*) and *Termes serrula* Desneux, 1904 (currently *Microcerotermes serrula*) (Insecta, Isoptera, Termitinae) (Case 3385; see BZN 64: 83–86, 185–187). Bulletin of Zoological Nomenclature 65 (1): 47–49.
Jones, D.T., and M.J.D. Brendell. 1998. The termite (Insecta: Isoptera) fauna of Pasoh Forest Reserve, Malaysia. Raffles Bulletin of Zoology 46 (1): 79–91.
Jones, D.T., and P. Eggleton. 2000. Sampling termite assemblages in tropical forests: testing a rapid biodiversity assessment protocol. Journal of Applied Ecology 37: 191–203.
Jones, D.T., and P. Eggleton. 2010. Global biogeography of termites: a compilation of sources. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 477–498. Dordrecht: Springer, xiv + 576 pp.
Jones, D.T., and F. Gathorne-Hardy. 1995. Foraging activity of the processional termite *Hospitalitermes hospitalis* (Termitidae: Nasutitermitinae) in the rain forest of Brunei, north-west Borneo. Insectes Sociaux 42 (4): 359–369.
Jones, D.T., and A.H. Prasetyo. 2002. A survey of the termites (Insecta: Isoptera) of Tabalong District, South Kalimantan, Indonesia. Raffles Bulletin of Zoology 50 (1): 117–128.

Jones, D.T., J. Tan, and E.Y. Bakhtiar. 1998. The termites (Insecta: Isoptera) of the Maliau Basin, Sabah. *In* M. Mohamed, W. Sinun, A. Anton, M.N. Dalimin, and A.-H. Ahmad (editors), Maliau Basin Scientific Expedition, 12th–26th May 1996: 95–112. Kota Kinabalu, Malaysia: Universiti Malaysia Sabah, 173 pp.

Jones, D.T., F.X. Susilo, D.E. Bignell, S. Hardiwinoto, A.N. Gillison, and P. Eggleton. 2003. Termite assemblage collapse along a land-use intensification gradient in lowland central Sumatra, Indonesia. Journal of Applied Ecology 40: 380–391.

Jones, D.T., R.G. Davies, and P. Eggleton. 2006. Sampling termites in forest habitat: a reply to Roisin and Leponce. Austral Ecology 31: 429–431.

Jones, R.J. 1979. Expansion of the nest of *Nasutitermes costalis.* Insectes Sociaux 26 (4): 322–342.

Jones, R.J. 1980. Gallery construction by *Nasutitermes costalis*: polyethism and the behavior of individuals. Insectes Sociaux 27 (1): 5–28.

Jones, S.C. 1985. New termite records for the Grand Canyon, USA. Southwestern Entomologist 10 (2): 137–138.

Jones, S.C. 1990a. Colony size of the desert subterranean termite *Heterotermes aureus* (Isoptera: Rhinotermitidae). Southwestern Naturalist 35 (3): 285–291.

Jones, S.C. 1990b. Delineation of *Heterotermes aureus* (Isoptera: Rhinotermitidae) foraging territories in a Sonoran desert grassland. Environmental Entomology 19 (4): 1047–1054.

Jones, S.C. 1993. Field observations of intercolony aggression and territory changes in *Heterotermes aureus* (Isoptera: Rhinotermitidae). Journal of Insect Behavior 6 (2): 225–236.

Jones, S.C., and J.P. La Fage. 1980. A scanning electron microscopic examination of external sexual characteristics of the immature stages and soldiers of *Pterotermes occidentis* (Walker) and *Marginitermes hubbardi* (Banks) (Isoptera: Kalotermitidae). Sociobiology 5 (3): 325–336.

Jones, S.C., and C.A. Nalepa. 2002. Survey of the termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of St. John, U.S. Virgin Islands. Sociobiology 39 (1): 155–163.

Jones, S.C., and W.L. Nutting. 1987. Size of colony and foraging territory of the desert subterranean termite, *Heterotermes aureus* (Snyder): a preliminary report. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 519–520. Munich: J. Peperny, xxxv + 16 + 757 pp.

Jones, S.C., J.P. La Fage, and V.L. Wright. 1981. Studies of dispersal, colony caste and sexual composition, and incipient colony development of *Pterotermes occidentis* (Walker) (Isoptera: Kalotermitidae). Sociobiology 6 (2): 221–242.

Jones, S.C., M.W. Trosset, and W.L. Nutting. 1987. Biotic and abiotic influences on foraging of *Heterotermes aureus* (Snyder) (Isoptera: Rhinotermitidae). Environmental Entomology 16: 791–795.

Jones, S.C., J.P. La Fage, and R.W. Howard. 1988. Isopteran sex ratios: phylogenetic trends. Sociobiology 14 (1): 89–156.

Jones, S.C., C.A. Nalepa, E.A. McMahan, and J.A. Torres. 1995. Survey and ecological studies of the termites (Isoptera: Kalotermitidae) of Mona Island. Florida Entomologist 78 (2): 305–313.

Jörschke, H. 1914. Die Facettenaugen der Orthopteren und Termiten. Zeitschrift für Wissenschaftliche Zoologie 61: 153–280 + 1 pl.

Josens, G. 1971. Variations thermiques dans les nids de *Trinervitermes geminatus* Wasmann, en relation avec le milieu extérieur dans la savane de Lamto (Côte d'Ivoire). Insectes Sociaux 18 (1): 1–14.

Josens, G. 1974. Les termites de la savane de Lamto. Numéro spécial 1974: analyse d'un écosystème tropical humide: la savane de Lamto (Côte d'Ivoire). V. Les organismes endogés. Bulletin de Liaison des Chercheurs, 91–131.

Josens, G. 1983. The soil fauna of tropical savannas. 3. The termites. *In* F. Bourlière (editor), Ecosystems of the world, 13, tropical savannas: 505–524. Amsterdam: Elsevier Scientific Publishing Co., 730 pp.

Josens, G., and K. Soki. 2010. Relation between termite numbers and the size of their mounds. Insectes Sociaux 57: 303–316.

Joseph, K.J. 1964. Supplementary reproductives (neotenics) from a colony of *Microcerotermes fletcheri* Holmg. and Holmg. (Isoptera, Termitidae). Current Science (Bangalore) 33 (2): 54–55.

Jouquet, P., M. Lepage, and B. Velde. 2002a. Termite soil preferences and particle selections: strategies related to ecological requirements. Insectes Sociaux 49: 1–7.

Jouquet, P., D. Tessier, and M. Lepage. 2002b. L'argile comme facteur clef de la stabilité des nids de *Macrotermes bellicosus.* Actes des Colloques Insectes Sociaux 15: 161–164.

Jouquet, P., T. Mery, C. Rouland, and M. Lepage. 2003. Modulated effect of the termite *Ancistrotermes cavithorax* (Isoptera, Macrotermitinae) on soil properties according to the structures built. Sociobiology 42 (2): 403–412.

Jouquet, P., V. Tavernier, L. Abbadie, and M. Lepage. 2005. Nests of subterranean fungus-growing termites (Isoptera, Macrotermitinae) as nutrient for grasses in savannah ecosystems. African Journal of Ecology 43: 191–196.

Jucci, C. 1924. Su la differenziazione de le caste ne societa dei termitidi. I. I Neotenici. Atti della Reale Accademia dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali (5) 14 (9): 269–500.

Jucci, C. 1937. Le termiti nelle nostre colonie africane. Atti della Società Italiana per il Progresso delle Scienze (25 Riunione) 4: 300–308.

Jucci, C. 1956. Richerche sulle ghiandole endocrine nelle termiti un nuovo campo di studio: la endocrinologia comparata degli Isotteri. Insectes Sociaux 3 (2): 283–284.

Jucci, C., and A. Springhetti. 1952. Evolution of seminal vesicles in Isoptera. Transactions of the Ninth International Congress of Entomology 1: 130–132.

Judd, W.W. 1948. A comparative study of the proventriculus of orthopteroid insects with reference to its use in taxonomy. Canadian Journal of Research 26: 93–161.

Kaddumi, H.F. 2005. Amber of Jordan: the oldest prehistoric insects in fossilized resin. 2nd ed. Amman, Jordan: Eternal River Museum of Natural History, 224 pp.

Kaib, M. 1982. Disruption of ant recruitment by the frontal gland secretion of a termite: a chemical defense strategy. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 385–389. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Kaib, M. 1985. Defense strategies of termites: a review exemplified by *Schedorhinotermes lamanianus.* Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 4: 302–306.

Kaib, M. 1987. Frontal gland secretion and colony defence in termites: evolutionary aspects. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, 18–22 August 1986: 406–407. Munich: J. Peperny, xxxvi + 16 + 757 pp.

Kaib, M. 1990a. Intra- and interspecific chemical signals in the termite *Schedorhinotermes*—Production sites, chemistry, and behaviour. *In* F.G. Gribakin, K. Wiese, and A.V. Popov (editors), Sensory systems and communication in arthropods: 26–31. Basel: Birkhäuser Verlag, xviii + 423 pp.

Kaib, M. 1990b. Multiple functions of exocrine secretions in termite communication: exemplified by *Schedorhinotermes lamanianus. In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 37–38. Leiden: E.J. Brill, xxxi + 765 pp.

Kaib, M. 1999. Termites. *In* J. Hardie and A.K. Minks (editors), Pheromones of non-Lepidopteran insects associated with agricultural plants: 329–353. Wallingford, U.K.: CABI Publishing, x + 466 pp.

Kaib, M. 2000. Chemical signals and communication in termites: a review. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 12: 211–218.

Kaib, M., and R. Brandl. 1992. Distribution, geographic variation and between-colony compatibility of *Schedorhinotermes lamanianus* in Kenya (Isoptera: Rhinotermitidae). *In* J. Billen (editor), Biology and evolution of social insects: 121–131. Leuven, Belgium: Leuven University Press, ix + 390 pp.

Kaib, M., and J. Ziesmann. 1992. The labial gland in the termite *Schedorhinotermes lamanianus* (Isoptera: Rhinotermitidae): morphology and function during communal food exploitation. Insectes Sociaux 39 (4): 373–384.

Kaib, M., O. Bruinsma, and R.H. Leuthold. 1982. Trail-following in termites: evidence for a multicomponent system. Journal of Chemical Ecology 8 (9): 1193–1205.

Kaib, M., U. Wolfrum, and B. Gooss. 1987. Ultrastructure, spatial distribution, and frequency of antennal sensilla in the African termite *Schedorhinotermes lamanianus. In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 92. Munich: J. Peperny, xxxv + 16 + 757 pp.

Kaib, M., R. Brandl, and R.K.N. Bagnine. 1991. Cuticular hydrocarbon profiles: a valuable tool in termite taxonomy. Naturwissenschaften 78: 176–179.

Kaib, M., C. Husseneder, C. Epplen, J.T. Epplen, and R. Brandl. 1996. Kin-biased foraging in a termite. Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences 263: 1527–1532.

Kaib, M., S. Mikus, R.K. Bagnine, J. Stadler, and R. Brandl. 1997. Distribution of *Macrotermes michaelseni* colonies on different spatial scales. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 11 (1–6): 189–192.

Kaib, M., M. Hacker, I. Over, C. Hardt, J.T. Epplen, R.K.N. Bagine, and R. Brandl. 2000. Microsatellite loci in *Macrotermes michaelseni* (Isoptera: Termitidae). Molecular Ecology 9: 502–504.

Kaib, M., M. Hacker, and R. Brandl. 2001. Egg-laying in monogynous and polygynous colonies of the termite *Macrotermes michaelseni* (Isoptera, Macrotermitinae). Insectes Sociaux 48: 231–237.

Kaib, M., S. Franke, W. Francke, and R. Brandl. 2002. Cuticular hydrocarbons in a termite: phenotypes and a neighbour-stranger effect. Physiological Entomology 27: 189–198.

Kaib, M., W. Kinuthia, R. Bagnine, and R. Brandl. 2004a. Chemical battles in the 'Castles of Clay.' Nature East Africa 34 (2): 12–15.

Kaib, M., P. Jmhasly, L. Wilfret, W. Durka, S. Franke, W. Francke, R. Leuthold, and R. Brandl. 2004b. Cuticular hydrocarbons and aggression in the termite *Macrotermes subhyalinus.* Journal of Chemical Ecology 30 (2): 365–385.

Kaiser, P. 1953a. *Anoplotermes pacificus,* eine mit Pflanzenwurzeln vergesellschaftet lebende Termite. Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 52: 77–92.

Kaiser, P. 1953b. Über die Funktion der Mandibeln bei den Soldaten von *Neocapritermes opacus* (Hagen). Zoologischer Anzeiger 152 (9–10): 228–234.

Kaiser, P. 1956. Die Hormonalorgane der Termiten im Zusammenhang mit der Entstehung ihrer Kasten. Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 54: 129–178 + 1 pl.

Kajiwara, J.T. 1966. *Kalotermes immigrans* Snyder. Proceedings of the Hawaiian Entomological Society 19 (2): 137.

Kakaliev, K., and A.I. Akmuradov. 1983. Nocturnal swarming in termites of the genus *Anacanthotermes* in Turkmenia. Izvestiya Akademii Nauk Turkmenskoi SSR. Seriya Biologicheskikh Nauk 1983 (4): 76–77. [in Russian, with English summary]

Kakaliev, K., and O. Soyunov. 1977. On termite ecology in southern Turkmenistan. Izvestiya Akademii Nauk Turkmenskoi SSR. Seriya Biologicheskikh Nauk 1977: 62–66. [in Russian, with English summary]

Kakaliev, K., O. Soyunov, and G.K. Gul'mukhametova. 1977. On the ecology of the termite, *Anacanthotermes turkestanicus* Jacobs. in Turkmenia. Izvestiya Akademii Nauk Turkmenskoi SSR, Seriya Biologicheskikh Nauk 1977 (2): 77–80. [in Russian, with Turkmenian and English summaries]

Kalshoven, L.G.E. 1930. De Biologie van de Djatitermiet (*Kalotermes tectonae* Damm.) in Verband met zijn Bestrijding [Bionomics of *Kalotermes tectonae* Damm. as a base for its control]. Wageningen, Netherlands: H. Veenman and Zonen, xi + 154 pp. + 20 pls.

Kalshoven, L.G.E. 1941. Groundplans of termite nests. Entomologische Mededeelingen van Nederlandsch-Indiee 7 (2): 30–34.

Kalshoven, L.G.E. 1950. Isoptera, termieten, anai, rajap, rangas. De Plagen van de Cultuurgewassen in Indonesië 1: 146–177.

Kalshoven, L.G.E. 1954. A note on the nest building habits of *Odontotermes* spp. in Java. Insectes Sociaux 1 (4): 325–330.

Kalshoven, L.G.E. 1955. Observations on *Macrotermes gilvus* Holmgr. in Java. Insectes Sociaux 2 (4): 313–321.

Kalshoven, L.G.E. 1956a. Observations on the inner structure of *Macrotermes gilvus* mounds in Java. Insectes Sociaux 3 (2): 269–272 + 1 pl.

Kalshoven, L.G.E. 1956b. Observations on *Macrotermes gilvus* Holmgr. in Java—3. Accumulations of finely cut vegetable matter in the nests. Insectes Sociaux 3 (3): 455–461.

Kalshoven, L.G.E. 1958. Observations on the black termites, *Hospitalitermes* spp., of Java and Sumatra. Insectes Sociaux 5 (1): 9–30.

Kalshoven, L.G.E. 1959a. Observations on the nests of initial colonies of *Neotermes tectonae* Damm. in teak trees. Insectes Sociaux 6 (3): 231–242.

Kalshoven, L.G.E. 1959b. Investigations of the initial infestation of new teak plantations by the trunk-inhabiting termite, *Neotermes tectonae* Damm., in Java. Entomologische Berichten (Amsterdam) 19 (7): 138–143.

Kalshoven, L.G.E. 1960a. Data on the occurrence of *Glyptotermes* and *Neotermes* species in Java and Sumatra. Entomologische Berichten (Amsterdam) 20: 34–40.

Kalshoven, L.G.E. 1960b. Biological notes on the *Cryptotermes* species of Indonesia. Acta Tropica 17 (3): 263–272.

Kalshoven, L.G.E. 1962. Observations on *Coptotermes havilandi* Holmgr. (*javanicus* Kemn.) (Isoptera). Beaufortia: Zoological Museum Amsterdam Miscellaneous Publications 9 (101): 121–137.

Kalshoven, L.G.E. 1963. *Coptotermes curvignathus* causing the death of trees in Indonesia and Malaya. Entomologische Berichten (Amsterdam) 23: 90–100.

Kambhampati, S. 1995. A phylogeny of cockroaches and related insects based on DNA sequence of mitochondrial ribosomal RNA genes. Proceedings of the National Academy of Sciences of the United States of America 92 (6): 2017–2020.

Kambhampati, S. 1998. Molecular phylogenetics of Isoptera. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 241. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Kambhampati, S., and P. Eggleton. 2000. Taxonomy and phylogeny of termites. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 1–23. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Kambhampati, S., K.M. Kjer, and B. Thorne. 1996. Phylogenetic relationship among termite families based on DNA sequence of mitochondrial 16S ribosomal RNA gene. Insect Molecular Biology 5 (4): 229–238.

Kanai, K., J. Azuma, and K. Nishimoto. 1982. Studies on digestive system of termites. 1. Digestion of carbohydrates by termite *Coptotermes formosanus* Shiraki. Wood Research 68: 47–57.

Kane, M.D. 1997. Microbial fermentation in insects guts. *In* R.I. Mackie and B.A. White (editors), Gastrointestinal microbiology: gastrointestinal ecosystems and fermentations. Vol. 1: 231–265. New York: Chapman and Hall, 658 pp.

Kapoor, V.C. 1985. Perspectives in insect systematics. New Delhi: Inter-India Publications, xv + 512 pp.

Kapur, A.P. 1962. Some observations on the nature of damage by *Reticulitermes chinensis* Snyder (Rhinotermitidae, Isoptera) at Shillong, Assam. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 105–106. Paris: UNESCO, 259 pp.

Karaman, Z. 1954. Über die Termiten Jugoslaviens. Fragmenta Balcanica (Skopje) 1 (3): 21–30.

Karawajew, W. 1909. Soldaten und Arbeiter von *Hodotermes* (*Anacanthotermes*) *ahngerianus* Jacobs., nebst einigen Bemerkungen über die Bauten central-asiatischer Termiten (Isoptera). Revue Russe d'Entomologie 9 (1–2): 157–162.

Kard, B.M., J.L. Etheridge, E.J. Mallette, and N.M. Rich. 2003. Procedures for preparing subterranean termites for laboratory studies (Isoptera: Rhinotermitidae). Sociobiology 41 (2): 495–511.

Karlson, P., M. Lüscher, and H. Hummel. 1968. Extraktion und biologische Auswertung des Spurpheromons der Termite *Zootermopsis nevadensis*. Journal of Insect Physiology 14: 1763–1771.

Karny, H.H. 1930. Zur Systematik der Orthopteroiden Insekten. Zweiter Teil. Treubia 12 (3–4): 431–461.

Kaschef, A.H., and L.S. El-Sherif. 1971. Distribution of four termite species in the A.R. Egypt. Insectes Sociaux 18 (4): 227–232.

Kaschef, A.H., and L.S. El-Sherif. 1972. *Microcerotermes eugnathus* Silv. (Isoptera, Termitidae). A new record in the U.A.R. Deutsche Entomologische Zeitschrift (n.f.) 19: 101–108.

Kaschef, A.H., and L.S. El-Sherif. 1980. Distribution of white ants in Siwa and Baharia oases. Zoologische Beiträge (n.f.) 26 (1): 127–132.

Katoh, H., T. Matsumoto, and T. Miura. 2007. Alate differentiation and compound-eye development in the drywood termite *Neotermes koshunensis* (Isoptera, Kalotermitidae). Insectes Sociaux 54: 11–19.

Kaulfuss, U., A.C. Harris and D.E. Lee. 2010. A new fossil termite (Isoptera, Stolotermitidae, *Stolotermes*) from the Early Miocene of Otago, New Zealand. Acta Geologica Sinica (English ed.) 84 (4): 705–709.

Kawamura, T. 1979. On the outbreak of American drywood termite, *Incisitermes minor* (Hagen), in Kobe city. Shiroari (Termite) 37: 22–28. [in Japanese, with English title]

Kayani, S.A., and K.H. Sheikh. 1983. Vegetation, termite fauna and soil conditions in some irrigated plantations of Pakistan. Biologia (Lahore) 29 (1): 1–18.

Kayani, S.A., K.H. Sheikh, and M. Ahmad. 1979. Altitudinal distribution of termites in relation to vegetation and soil conditions. Pakistan Journal of Zoology 11 (1): 123–137.

Keall, J.B. 1980. Some arthropods recently intercepted entering New Zealand in orchids from Honduras. New Zealand Entomologist 7 (2): 127–129.

Keller, L. 1998. Queen lifespan and colony characteristics in ants and termites. Insectes Sociaux 45 (3): 235–246.

Keller, L., and E.L. Vargo. 1993. Reproductive structure and reproductive roles in colonies of eusocial insects. *In* L. Keller (editor), Queen number and sociality in insects: 16–44. Oxford: Oxford University Press, xii + 439 pp.

Kelsey, J.M. 1944a. A new termite, *Calotermes* (*Calotermes*) *curvithorax* n. sp., from Canton Island, in the Phoenix group, Pacific Ocean. New Zealand Journal of Science and Technology 25 (2) [1943]: 45–53.

Kelsey, J.M. 1944b. The identification of termites in New Zealand. New Zealand Journal of Science and Technology 25 (6): 231–260.
Kelsey, J.M. 1945a. The influence of termite reproductive castes on the colony and on control measures. New Zealand Journal of Science and Technology 23 (6, section B): 353–359.
Kelsey, J.M. 1945b. A termite damaging coconut-palms on Suwarro Island: *Calotermes* (*Neotermes*) *rainbowi* Hill. New Zealand Journal of Science and Technology 27 (1): 69–75.
Kelsey, J.M. 1946. A variation of the termite *Coptotermes lacteus* Frogg. from New Zealand. New Zealand Journal of Science and Technology 27 (6): 458–464.
Kelsey, J.M. 1970. Knowledge of the Isoptera of New Zealand. New Zealand Entomologist 4 (3): 65.
Kemner, N.A. 1925a. Weitere Beobachtungen über das Genus *Gnathotermes* Holmgr., das sich als auf parasitierte *Termes*-Individuen begründet erweisen hat. Entomologisk Tidskrift 3: 157–163.
Kemner, N.A. 1925b. Zwei neue chinesische Termiten aus der Sammelausbeute der Kolthoffschen Expedition nach China 1921–1922. Arkiv för Zoologi 17A (28): 1–6.
Kemner, N.A. 1925c. Larva termitovorax, eine merkwürdige parasitische Fliegenlarve, die im Kopfe von Termitensoldaten lebt, und durch die Verunstaltung desselben Veranlassung zur Aufstellung eines besonderen Termitengenus mit zwei Arten gegeben hat. Arkiv för Zoologi 17A (29): 1–15 + 1 pl.
Kemner, N.A. 1926a. Über die Zucht von einer "larva Eutermina" aus Java und das Ausschlüpfen aus derselben der physogastren Aleocharide *Affinoptochus exclusus* n. g. n. sp. Arkiv för Zoologi 18A (10): 1–24 + 3 pls.
Kemner, N.A. 1926b. Some termites from Ceylon. Bulletin of Entomological Research 16 (4): 379–392.
Kemner, N.A. 1929. Aus der Biologie der Termiten Javas. Proceedings of the Tenth International Congress of Zoology, Budapest 1929: 1097–1117.
Kemner, N.A. 1930a. Isoptera. *In* H. Eidmann, Entomologische Ergebnisse einer Reise nach Ostasien: 323. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 79 (2–4) [1929]: 308–335.
Kemner, N.A. 1930b. Fauna Sumatrensis (Bijdrage No. 66). Termitidae. Tijdschrift voor Entomologie 73: 298–324.
Kemner, N.A. 1931. Die Termitenfauna von Amboina: Ergebnisse der Sunda-Expedition der Notgemeinschaft der deutschen Wissenschaft 1929/30. Lunds Universitets Årsskrift (n.f. 2) 27 (13): 1–53 + 2 pls.
Kemner, N.A. 1932a. Zur Kenntnis der javanischen Termitoxenien, mit Bemerkungen über ihre Morphologie und Biologie. Entomologisk Tidskrift 53 (1): 17–30 + 3 pls.
Kemner, N.A. 1932b. Zwei Termiten aus Sinai mit Beschreibung der neuen Art *Kalotermes sinaicus.* Entomologisk Tidskrift 53 (2–3): 87–92.
Kemner, N.A. 1932c. Neue Termiten aus der orientalischen Region. I–II. Entomologisk Tidskrift 53 (2–3): 133–155.
Kemner, N.A. 1933. Résultats scientifiques du voyage aux Indes Orientales Néerlandaises de LL. AA. RR. le Prince et la Princesse Léopold de Belgique. Isoptera. Mémoires du Musée Royal d'Histoire Naturelle de Belgique (Hors.) 4 (8): 19–29 + 1 pl.
Kemner, N.A. 1934a. Über Linnes *Termes fatale* 1768 und Rolanders springende Termite aus Surinam. Entomologisk Tidskrift 55 (1): 19–53.
Kemner, N.A. 1934b. Systematische und biologische Studien über die Termiten Javas und Celebes.' Kungliga Svenska Vetenskaps-Akademiens Handlingar (3) 13 (4): 1–241 + 22 pls.
Kemner, N.A. 1936. Zur näheren Kenntnis der *Termitoxenia jägerskiöldi* Wasm. als Typus eines neuen Genus der Termitoxenien. Opuscula Entomologica 1 (2): 35–39.
Kemp, P.B. 1955. The termites of north-eastern Tanganyika: their distribution and biology. Bulletin of Entomological Research 46 (1): 113–135 + 7 pls.
Kervina, L. 1982. Unsere Termite *Reticulitermes lucifugus* (Rossi), ihre Begleiter und Feinde. Acta Entomologica Jugoslavica 17 (1–2) [1981]: 127–130.
Ketkar, S.M. 1962. Studies on the common mound-building termite from Poona. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 115–116. Paris: UNESCO, 259 pp.
Kettler, R., and R.H. Leuthold. 1995. Inter- and intraspecific alarm response in the termite *Macrotermes subhyalinus* (Rambur). Insectes Sociaux 42 (2): 145–156.
Kevan, D.K.M. 1953. An unusually massive termitarium from the Ogaden. Entomologist 86: 166–167.
Kevan, D.K.M. 1978. Dictuoptera. *In* H.V. Danks (editor), Canada and its insect fauna: 314–316. Memoirs of the Entomological Society of Canada 108: 1–573.

Kevan, D.K.M. 1980. The orthopteroid insects of the Bermudas. Lyman Entomological Museum and Research Laboratory Memoir 8: 1–185.

Kevan, D.K.M., and P.G. Kevan. 1995. A preliminary record of orthopteroid insects of the Maldive Islands. Journal of Orthoptera Research 4: 223–236.

Kevan, D.K.M., and V.R. Vickery. 1998. An annotated provisional list of non-saltatorial orthopteroid insects of Micronesia, compiled mainly from the literature. Micronesica 30 (2) [1997]: 269–353.

Khalaf, K.T. 1959. A collection of insects from Iraq. Iraq Natural History Museum Publications 17: 18–19.

Khalil, M.A.K., and R.A. Rasmussen. 1983. Termites and methane. Nature 302: 355.

Khalil, M.A.K., R.A. Rasmussen, J.R.J. French, and J.A. Holt. 1990. The influence of termites on atmosphere trace gases: $CH_4$, $CO_2$, $CHCl_3$, $N_2O$, CO, $H_2$, and light hydrocarbons. Journal of Geophysical Research 95 (D4): 3619–3634.

Khamraev, A.S., L.S. Kuchkarova, R.N. Ahmerov, G.C. Mirzaeva, N.V. Hanzafarova, J.M. Bland, I.I. Abdullaev, and A.K. Raina. 2008. Trail-following activity in extracts of sternal glands from *Anacanthotermes turkestanicus* (Isoptera: Hodotermitidae). Sociobiology 51 (3): 685–696.

Khan, M.A., and M. Ahmad. 1955. The imago of *Kalotermes beesoni* Gardner (Isoptera, Kalotermitidae). Biologia (Lahore) 1 (1): 28–30.

Kimbrough, J.W., and B.L. Thorne. 1982. Structure and development of *Mattirolella crustosa* (Termitariales, Deuteromycetes) on Panamanian termites. Mycologia 74 (2): 201–209.

Kindl, J. 2004. Ability of primary and secondary reproductives to inhibit the development of neotenics in *Kalotermes flavicollis* (Isoptera: Kalotermitidae). European Journal of Entomology 101 (2): 227–230.

Kindl, J., and I. Hrdý. 2005. Development of neotenics induced by a temporary absence of functional reproductives in *Kalotermes flavicollis* (Isoptera: Kalotermitidae). European Journal of Entomology 102 (2): 307–311.

King, S.W., J.W. Austin, and A.L. Szalanski. 2007. Use of soldier pronotal width and mitochondrial DNA sequencing to distinguish the subterranean termites, *Reticulitermes flavipes* (Kollar) and *R. virginicus* (Banks) (Isoptera: Rhinotermitidae), on the Delmarva Peninsula: Delaware, Maryland, and Virginia, U.S.A. Entomological News 118 (1): 41–48.

Kirby, C.S., and A. Harnden. 1963. Termites in Ontario. Canada Department of Forests Bi-Monthly Progress Report 19 (2): 1.

Kirby, H. 1925. *Cryptotermes hermsi* sp. nov. A termite from Fanning Island. University of California Publications in Zoölogy 26 (23): 437–441.

Kirby, H. 1928. A species of *Proboscidiella* from *Kalotermes* (*Cryptotermes*) *dudleyi* Banks, a termite of Central America, with remarks on the oxymonad flagellates. Quarterly Journal of Microscopical Science 72 (3): 355–386 + 4 pls.

Kirby, H. 1929. *Snyderella* and *Coronympha,* two new genera of multinucleate flagellates from termites. University of California Publications in Zoölogy 31 (18): 417–[433].

Kirby, H. 1930. Trichomonad flagellates from termites. I. *Tricercomitus* gen. nov., and *Hexamastix alexeieff.* University of California Publications in Zoölogy 33 (19): 393–444 + 6 pls.

Kirby, H. 1932. Flagellates of the genus *Trichonympha* in termites. University of California Publications in Zoölogy 37 (15): 349–476 + 11 pls.

Kirby, H. 1934. Protozoa in termites. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 89–98. Berkeley: University of California Press, xxvii + [1] + 795 pp.

Kirby, H. 1937. Host-parasite relations in the distribution of protozoa in termites. University of California Publications in Zoölogy 41 (15): 189–211.

Kirby, H. 1941. Devescovinid flagellates of termites. I. The genus *Devescovina.* University of California Publications in Zoölogy 45 (1): 1–91.

Kirby, H. 1942a. Devescovinid flagellates of termites. II. The genera *Caduceia* and *Macrotrichomonas.* University of California Publications in Zoölogy 45 (2): 93–165.

Kirby, H. 1942b. Devescovinid flagellates of termites. III. The genera *Foaina* and *Parajoenia.* University of California Publications in Zoölogy 45 (3): 167–245.

Kirby, H. 1944. The structural characteristics and nuclear parasites of some species of *Trichonympha* in termites. University of California Publications in Zoölogy 49 (8): 185–282.

Kirby, H. 1945. Devescovinid flagellates of termites. IV. The genera *Metadevescovina* and *Pseudodevescovina.* University of California Publications in Zoölogy 45 (4): 247–318.

Kirby, H. 1946. *Gigantomonas herculea* Dogiel: a polymastigote flagellate with flagellated and amoeboid phases of development. University of California Publications in Zoölogy 53 (4): 163–226.

Kirby, H. 1947. Flagellate and host relationships of trichomonad flagellates. Journal of Parasitology 33 (3): 214–228.

Kirby, H. 1949a. Systematic differentiation and evolution of flagellates in termites. Revista de la Sociedad Mexicana de Historia Natural 10 (1–4): 57–79.

Kirby, K. 1949b. Devescovinid flagellates of termites. V. The genus *Hyperdevescovina,* the genus *Bullanympha,* and undescribed or unrecorded species. University of California Publications in Zoölogy 45 (5): 319–422.

Kirchner, W.H., and N. Minkley. 2003. Nestmate discrimination in the harvester termite *Hodotermes mossambicus.* Insectes Sociaux 50: 222–225.

Kirchner, W.H., I. Broecker, and J. Tautz. 1994. Vibrational alarm communication in the damp-wood termite *Zootermopsis nevadensis.* Physiological Entomology 19: 187–190.

Kirton, L.G. 2008. Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae) (Case 3385; see BZN 64: 83–86, 185–187, 65: 47–49). Bulletin of Zoological Nomenclature 65 (2): 132–134.

Kirton, L.G., and V.K. Brown. 2003. The taxonomic status of pest species of *Coptotermes* in southeast Asia: resolving the paradox in the pest status of the termites, *Coptotermes gestroi, C. havilandi* and *C. travians* (Isoptera: Rhinotermitidae). Sociobiology 42 (1): 43–63.

Kistner, D.H. 1968. A taxonomic revision of the termitophilous tribe Termitopaedini, with notes on behavior, systematics, and post-imaginal growth (Coleoptera: Staphylinidae). Miscellaneous Publications of the Entomological Society of America 6 (3): 142–196.

Kistner, D.H. 1969. The biology of termitophiles. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 525–557. New York: Academic Press, xiii + 598 pp.

Kistner, D.H. 1972. A revision of the termitophilous tribe Feldini (Coleoptera, Staphylinidae) with a numerical analysis of the relationships of the species and genera. Contributions of the American Entomological Institute 8 (4): 1–35.

Kistner, D.H. 1975. The natural history of the termitophilous tribe Feldini (Coleoptera: Staphylinidae). Sociobiology 1 (2): 78–149.

Kistner, D.H. 1985. A new genus and species of termitophilous Aleocharinae from mainland China associated with *Coptotermes formosanus* and its zoogeographic significance (Coleoptera: Staphylinidae). Sociobiology 10 (1): 93–104.

Kistner, D.H. 1996. Summary of the North American termite biology and control conference. Sociobiology 28 (3): 531–534.

Kitade, O., and Y. Hayashi. 2002. Localized distribution of an alien termite *Reticulitermes kanmonensis* (Isoptera: Rhinotermitidae). Entomological Science 5 (2): 197–201.

Kitade, O., and N. Lo. 1998. Molecular phylogeny and protist composition of Rhinotermitidae. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 256. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Kitade, O., T. Maeyama, and T. Matsumoto. 1997. Establishment of symbiotic flagellate fauna of *Hodotermopsis japonica* (Isoptera: Termopsidae). Sociobiology 30 (2): 161–167.

Kitade, O., Y. Hayashi, Y. Kikuchi, and S. Kawsarasaki. 2004. Distribution and composition of colony founding associations of a subterranean termite, *Reticulitermes kanmonensis.* Entomological Science 7 (1): 1–8.

Kitayama, K. 1975. Nota preliminar sobre a distribuição, o regime alimentar e teratologia de *Serritermes serrifer* (Hagen, 1858) (Isoptera). Studia Entomologica (n.s.) 18 (1–4): 614–618.

Klangkaew, C., T. Inoue, T. Abe, Y. Takematsu, T. Kudo, N. Noparatnaraporn, and N. Kirtibutr. 2002. The diversity and abundance of termites (Isoptera) in the urban area of Bangkok, Thailand. Sociobiology 39 (3): 485–493.

Klass, K.-D. 1997. The external male genitalia and the phylogeny of Blattaria and Mantodea. Bonner Zoologische Monographien 42: 1–341.

Klass, K.-D. 1998a. The ovipositor of Dictyoptera (Insecta): homology and ground-plan of the main elements. Zoologischer Anzeiger 236: 69–101.

Klass, K.-D. 1998b. The proventriculus of the Dicondylia, with comments on evolution and phylogeny in Dictyoptera and Odonata (Insecta). Zoologischer Anzeiger 237 (1): 15–42.

Klass, K.-D. 1999. The pregenital abdomen of a mantid and a cockroach: musculature and nerve topography, with comparative remarks on other Neoptera (Insecta: Dictyoptera). Deutsche Entomologische Zeitschrift 46 (1): 3–42.

Klass, K.-D. 2000. The male abdomen of the relic termite *Mastotermes darwiniensis* (Insecta: Isoptera: Mastotermitidae). Zoologischer Anzeiger 239: 231–262.

Klass, K.-D. 2001. Morphological evidence on blattarian phylogeny: "Phylogenetic histories and stories" (Insecta, Dictyoptera). Deutsche Entomologische Zeitschrift 48 (2): 223–265.

Klass, K.-D. 2003. Relationships among the principal lineages of Dictyoptera inferred from morphological data. Entomologische Abhandlungen 61 (2): 134–137.

Klass, K.-D., and U. Eulitz. 2007. The tentorium and anterior head sulci in Dictyoptera and Mantophasmatodea (Insecta). Zoologischer Anzeiger 246: 205–234.

Klass, K.-D., and R. Meier. 2006. A phylogenetic analysis of Dictyoptera (Insecta) based on morphological characters. Entomologische Abhandlungen 63 (1–2 ) [2005]: 3–50.

Klass, K.-D., B.L. Thorne, and M. Lenz. 2000. The male postabdomen of *Stolotermes inopinus*: a termite with unusually well-developed external genitalia (Dictyoptera: Isoptera: Stolotermitinae). Acta Zoologica Stockholm 81 (2): 121–130.

Klass, K.-D., C. Nalepa, and N. Lo. 2008. Wood-feeding cockroaches as models for termite evolution (Insecta: Dictyoptera): *Cryptocercus* vs *Parasphaeria boleiriana.* Molecular Phylogenetics and Evolution 46: 809–817.

Klochkov, S.G., and D.P. Zhuzhikov. 1990. Termite trail pheromones: specificity and biosynthesis. *In* F.G. Gribakin, K. Wiese, and A.V. Popov (editors), Sensory systems and communication in arthropods: 40–43. Basel: Birkhäuser Verlag, xviii + 423 pp.

Knower, H.M. 1894. Origin of the "nasutus" (soldier) of *Eutermes.* Johns Hopkins University Circular 13: 58–59.

Knower, H.M. 1896. The development of a termite—*Eutermes* (*rippertii*?): a preliminary abstract. Annals and Magazine of Natural History (6) 18: 277–282.

Knower, H.M. 1901. A comparative study of the development of the generative tract in termites. Bulletin of the Johns Hopkins Hospital 12 (121–123): 134–136.

Kocárek, P., and V. Vrabec. 2005. Contributions to the knowledge of orthropteroid insects of Corfu Island, Greece (Orthoptera, Mantodea, Dermaptera, Blattaria, Isoptera). Entomofauna Carpathica 17: 8–10.

Kofoid, C.A., ed. 1934a. Termites and termite control. 2nd ed. Berkeley: University of California Press, xxvii + 1 + 795 pp.

Kofoid, C.A. 1934b. Climatic factors affecting the local occurrence of termites and their geographical distribution. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 13–21. Berkeley: University of California Press, xxvii + [1] + 795 pp.

Kohring, R., and T. Schlüter. 1989. Historische und paläontologische Bestandsaufnahme des Simetits, eines fossilen Harzes mutmasslich Mio/Pliozänen Alters aus Sizilien. Documenta Naturae (München) 56: 33–58.

Koivula, J.I. 1990. Soldier termite in amber. Lapidary Journal 44 (8): 20.

Kolbe, H.J. 1885. Zur Naturgeschichte der Termiten Japans. Berliner Entomologische Zeitschrift 29: 145–150 + 1 pl.

Kolbe, H.J. 1887. Beobachtungen über Termites und Leuchtkäfer (Lampyridae) im Caplande, nach brieflichen Mittheilungen des Herrn Dr. med. Franz Bachmann. Entomologische Nachrichten 13 (5): 70–74.

Kollar, V. 1832. Die vorzüglich lästigen Insecten [sic] Brasiliens. *In* J.E. Pohl (editor), Reise in Innern von Brasilien. Vol. 1: 101–119. Vienna: Anton Strauss's sel. Witwe., xxx + 447 pp. [also published separately—see Pohl and Kollar (1832)]

Kollar, V. 1837a. Naturgeschichte der schädlichen Insekten. Verhandlungen Landwirtschaftsrats Gesellschaft in Wien (n.s.) 5: 411–413.

Kollar, V. 1837b. Naturgeschichte der schädlichen Insecten in Beziehung auf Landwirthschaft und Forstcultur. Vienna: Ferdinand Ullrich, viii + 421 + [3] pp.

Kollar, V. 1840. A treatise on insects injurious to gardeners, foresters, and farmers. London: W. Smith, xvi + 377 pp. [English translation of Kollar (1837b) by J. and M. Loudon, with notes by J.O. Westwood]

Kollar, V. 1858. Über Ida Pfeiffer's Sendungen von Naturalien aus Mauritius und Madagascar. Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Classe, Abteilung I 31: 339–343.

Konate, S., R. Leuthold, M. Hari, and P. Veivers. 2000. Colour variation and polyethism of the soldier caste in the termite *Macrotermes bellicosus.* Entomologia Experimentalis et Applicata 94 (1): 51–55.

Konate, S., X. Le Roux, B. Verdier, and M. Lepage. 2003. Effect of underground fungus-growing termites on carbon dioxide emission at the point- and landscape-scales in an African savanna. Functional Ecology 17 (3): 305–314.

König, H., J. Frölich, M. Berchtold, and M. Wenzel. 2002. Diversity and microhabitats of the hindgut flora of termites. Recent Research Developments in Microbiology 6: 125–156.

König, J.G. 1779. Naturgeschichte der sogenannten weissen Ameise. Beschäftigungen der Berlinischen Gesellschaft Naturforschender Freunde 4: 1–28 + 1 pl.

Kooyman, C., and R.F.M. Onck. 1987. Distribution of termite (Isoptera) species in southwestern Kenya in relation to land use and the morphology of their galleries. Biology and Fertility of Soils 3 (1–2): 69–73.

Korb, J. 1998. Evolution of eusociality in termites: a hypothetical scenario. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 265. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Korb, J. 2003a. Thermoregulation and ventilation of termite mounds. Naturwissenschaften 90: 212–219.

Korb, J. 2003b. The shape of compass termite mounds and its biological significance. Insectes Sociaux 50 (3): 218–221.

Korb, J. 2005. Regulation of sexual development in the basal termite *Cryptotermes secundus*: mutiliation, pheromonal manipulation or honest signal? Naturwissenschaften 92: 45–49.

Korb, J. 2010. Termite mound architecture, from function to construction. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 349–373. Dordrecht: Springer, xiv + 576 pp.

Korb, J., and D.K. Aanen. 2003. The evolution of uniparental transmission of fungal symbionts in fungus-growing termites (Macrotermitinae). Behavioral Ecology and Sociobiology 53: 65–71.

Korb, J., and K. Hartfelder. 2008. Life history and development—a framework for understanding developmental plasticity in lower termites. Biological Reviews 83: 295–313.

Korb, J., and J. Heinze. 2004. Multilevel selection and social evolution of insect societies. Naturwissenschaften 91: 291–304.

Korb, J., and S. Katrantzis. 2004. Influence of environmental conditions on the expression of the sexual dispersal phenotype in a lower termite: implications for the evolution of workers in termites. Evolution and Development 6 (5): 342–352.

Korb, J., and M. Lenz. 2004. Reproductive decision-making in the termite, *Cryptotermes secundus* (Kalotermitidae), under variable food conditions. Behavioral Ecology 15 (3): 390–395.

Korb, J., and K.E. Linsenmair. 1998a. The effects of temperature on the architecture and distribution of *Macrotermes bellicosus* (Isoptera, Macrotermitinae) mounds in different habitats of a West African Guinea savanna. Insectes Sociaux 45 (1): 51–65.

Korb, J., and K.E. Linsenmair. 1998b. Experimental heating of *Macrotermes bellicosus* (Isoptera, Macrotermitinae) mounds: what role does microclimate play in influencing mound architecture? Insectes Sociaux 45 (3): 335–342.

Korb, J., and K.E. Linsenmair. 1999a. The architecture of termite mounds: a result of a trade-off between thermoregulation and gas exchange? Behavioral Ecology 10: 312–316.

Korb, J., and K.E. Linsenmair. 1999b. Reproductive success of *Macrotermes bellicosus* (Isoptera, Macrotermitinae) in two neighbouring habitats. Oecologia (Berlin) 118: 183–191.

Korb, J., and K.E. Linsenmair. 2000a. Ventilation of termite mounds: new results require a new model. Behavioral Ecology 11 (5): 486–494.

Korb, J., and K.E. Linsenmair. 2000b. Thermoregulation of termite mounds: what role does ambient temperature and metabolism of the colony play? Insectes Sociaux 47: 357–363.

Korb, J., and K.E. Linsenmair. 2001a. Resource availability and distribution patterns, indicators of competition between *Macrotermes bellicosus* and other macro-detritivores in the Comoé National Park, Côte d'Ivoire. African Journal of Ecology 39: 257–265.

Korb, J., and K.E. Linsenmair. 2001b. The causes of spatial patterning of mounds of a fungus-cultivating termite: results from nearest-neighbour analysis and ecological studies. Oecologia (Berlin) 127: 324–333.

Korb, J., and K.E. Linsenmair. 2002. Evaluation and predation risk in the collectively foraging termite *Macrotermes bellicosus*. Insectes Sociaux 49: 264–269.

Korb, J., and S. Schmidinger. 2004. Help or disperse? Cooperation in termites influenced by food conditions. Behavioral Ecology and Sociobiology 56: 89–95.

Korb, J., and K. Schneider. 2007. Does kin structure explain the occurrence of workers in a lower termite? Evolutionary Ecology 21: 817–828.

Korb, J., E.A. Roux, and M. Lenz. 2003. Proximate factors influencing soldier development in the basal termite *Cryptotermes secundus* (Hill). Insectes Sociaux 50: 299–303.

Korb, J., T. Weil, K. Hoffmann, K.R. Foster, and M. Rehli. 2009. A gene necessary for reproductive suppression in termites. Science 324: 758.

Korman, A.K., and D.P. Pashley. 1991. Genetic comparisons among U.S. populations of Formosan subterranean termites. Sociobiology 19 (1): 41–50.

Korman, A.K., D.P. Pashley, M.I. Haverty, and J.P. La Fage. 1991. Allozymic relationships among cuticular hydrocarbon phenotypes of *Zootermopsis* species (Isoptera: Termopsidae). Annals of the Entomological Society of America 84 (1): 1–9.

Korovkina, N.M. 1972. Comparative anatomy of the intestine and nutrition of termites of the USSR. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University. Vol. 2: 117–133. Moscow: University Publishing House, 215 pp. [in Russian]

Koshikawa, S., T. Matsumoto, and T. Miura. 2001. Regressive molt in the Japanese damp-wood termite *Hodotermopsis japonica* (Isoptera: Termopsidae). Sociobiology 38 (3A): 495–500.

Koshikawa, S., T. Matsumoto, and T. Miura. 2002. Morphometric changes during soldier differentiation of the damp-wood termite *Hodotermopsis japonica* (Isoptera, Termopsidae). Insectes Sociaux 49: 245–250.

Koshikawa, S., T. Matsumoto, and T. Miura. 2003. Mandibular morphogenesis during soldier differentiation in the damp-wood termite *Hodotermopsis sjoestedti* [sic] (Isoptera: Termopsidae). Naturwissenschaften 90: 180–184.

Koshikawa, S., T. Matsumoto, and T. Miura. 2004. Soldier-like intercastes in the rotten-wood termite *Hodotermopsis sjostedti* (Isoptera: Termopsidae). Zoological Science (Tokyo) 21: 583–588.

Koshikawa, S., S. Miyazaki, R. Cornette, T. Matsumoto, and T. Miura. 2008. Genome size of termites (Insecta, Dictyoptera, Isoptera) and wood roaches (Insecta, Dictyoptera, Cryptocercidae). Naturwissenschaften 95: 859–867.

Kouame, L.P., F.A. Kouame, S.L. Niamke, B.M. Faulet, and A. Kamenan. 2005. Biochemical and catalytic properties of two β-glycosidases purified from workers of the termite *Macrotermes subhyalinus* (Isoptera: Termitidae). International Journal of Tropical Insect Science 25 (2): 103–113.

Kovoor, J. 1959. Anatomie du tractus intestinal dans le genre *Microcerotermes* (Silvestri), (Isoptera, Termitidae). Bulletin de la Société Zoologique de France 84 (5–6): 445–457.

Kovoor, J. 1964. Modifications chimique d'une sciure de bois de peuplier sous l'action d'un Termitidé "*Microcerotermes edentatus*" (Wasmann). Comptes Rendus des Séances de l'Académie des Sciences 258 (10): 2887–2889.

Kovoor, J. 1966. Contribution à l'étude de la digestion chez un termite supérior (*Microcerotermes edentatus* Was., Isoptera, Termitidae). D.Sc. dissertation, Université de Paris, France, 157 pp.

Kovoor, J. 1967a. Étude radiographique du transit intestinal chez un termite supérior. Experientia (Basel) 23: 820–821.

Kovoor, J. 1967b. Le pH intestinal d'un termite supérieur (*Microcerotermes edentatus,* Was., Amitermitinae). Insectes Sociaux 14 (2): 157–160.

Kovoor, J. 1968. L'intestin d'un termite supérieur (*Microcerotermes edentatus* Wasmann, Amitermitinae). Histophysiologie et flore bacterienne symbiotique. Bulletin Biologique de la France et de la Belgique 102: 45–84.

Kovoor, J. 1970. Anatomie comparée du tube digestif des termites II.—Sous-famille des Nasutitermitinae. Insectes Sociaux 16 (3) [1969]: 195–234.

Kovoor, J. 1971. Anatomie comparée du tube digestif des termites III.—Sous-famille des Macrotermitinae. Insectes Sociaux 18: 49–69.

Krauss, N.L.H. 1945. Notes on some Hawaiian insects. Proceedings of the Hawaiian Entomological Society 12 (2): 309–317.

Krauss, N.L.H. 1961. Insects from Aitutaki, Cook Islands. Proceedings of the Hawaiian Entomological Society 17 (3): 415–418.

Křeček, J. 1969. Effect of relative humidity of air and of starvation on survival in five termite species from Cuba. Acta Entomologica Bohemoslovaca 66: 129–136.

Křeček, J. 1970. Nest structure, humidity and colony composition of two species of *Nasutitermes* in Cuba (Isoptera). Acta Entomologica Bohemoslovaca 67: 310–317 + 2 pls.

Křeček, J., and R.H. Scheffrahn. 2001. *Neotermes platyfrons,* a new dampwood termite (Isoptera, Kalotermitidae) from the Dominican Republic. Florida Entomologist 84 (1): 70–76.

Křeček, J., and R.H. Scheffrahn. 2003. *Neotermes phragmosus,* a new dampwood termite (Isoptera: Kalotermitidae) from southeastern Cuba. Florida Entomologist 86 (1): 73–79.

Křeček, J., I. Hrdý, V. Jarolím, and Z. Wimmer. 1981. Antagonistic interaction between a juvenile hormone analogue and precocene I in *Prorhinotermes simplex* (Isoptera). Acta Entomologica Bohemoslovaca 78: 266–269.

Křeček, J., R.H. Scheffrahn, and Y. Roisin. 1996. Greater Antillean Nasutitermitinae (Isoptera: Termitidae): *Constrictotermes guantanamensis,* a new subterranean termite from eastern Cuba. Florida Entomologist 79 (2): 180–187.

Křeček, J., N.-Y. Su, and R.H. Scheffrahn. 2000. Redescription of *Neotermes mona,* a dampwood termite (Isopotera, Kalotermitidae) from the central West Indies. Florida Entomologist 83 (3): 268–275.

Krishna, K. 1956. Two new species of *Coptotermes* Wasmann from Malaya (Isoptera, Rhinotermitidae, Coptotermitinae). American Museum Novitates 1809: 1–5.

Krishna, K. 1961. A generic revision and phylogenetic study of the family Kalotermitidae (Isoptera). Bulletin of the American Museum of Natural History 122 (4): 303–408.

Krishna, K. 1962a. New species and a hitherto undescribed imago caste of the genus *Calcaritermes* Snyder (Isoptera, Kalotermitidae). American Museum Novitates 2098: 1–13.

Krishna, K. 1962b. New species of the genera *Allotermes* Wasmann, *Bicornitermes* Krishna, *Epicalotermes* Silvestri, and *Procryptotermes* Holmgren (Isoptera, Kalotermitidae). American Museum Novitates 2119: 1–25.

Krishna, K. 1963a. The evolution of the family Kalotermitidae (Isoptera). Symposia Genetica et Biologica Italica 11: 202–209.

Krishna, K. 1963b. The African genus *Foraminitermes* Holmgren (Isoptera, Termitidae, Termitinae). American Museum Novitates 2161: 1–23.

Krishna, K. 1965a. Termites (Isoptera) of Burma. American Museum Novitates 2210: 1–34.

Krishna, K. 1965b. A new species of termite from the Nicobar Islands (Isoptera, Termitidae, Nasutitermitinae). Entomologiske Meddelelser 34: 107–109.

Krishna, K. 1966. Key to eight termite genera: *Kalotermes, Incisitermes, Cryptotermes, Zootermopsis, Heterotermes, Reticulitermes, Coptotermes* and *Amitermes.* Cooperative Economic Insect Report 16 (47): 1091–1098.

Krishna, K. 1968. Phylogeny and generic reclassification of the *Capritermes* complex (Isoptera, Termitidae, Termitinae). Bulletin of the American Museum of Natural History 138 (5): 261–323.

Krishna, K. 1969. Introduction. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 1–17. New York: Academic Press, xiii + 598 pp.

Krishna, K. 1970. Taxonomy, phylogeny, and distribution of termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 127–152. New York: Academic Press, xiv + [1] + 643 pp.

Krishna, K. 1972. A revision of the Indomalayan termite genus *Homallotermes* (Isoptera, Termitidae, Termitinae). American Museum Novitates 2489: 1–23.

Krishna, K. 1974. Isoptera. *In* R. McHenry (editor), Encyclopaedia Britannica [15th ed., Vol. 9]: 1049–1054. Chicago: Encyclopaedia Britannica, Inc.

Krishna, K. 1989. Order Isóptera: termites. *In* D.J. Borror, C.A. Triplehorn, and N.F. Johnson (editors), An introduction to the study of insects, 6th ed.: 234–241. Philadelphia: Saunders College Publishing, xiv + 875 pp.

Krishna, K. 1990. Isoptera. *In* D. Grimaldi (editor), Insects from the Santana Formation, Lower Cretaceous, of Brazil. Bulletin of the American Museum of Natural History 195: 76–81.

Krishna, K. 1992. Isoptera. *In* R. McHenry (editor), The New Encyclopaedia Britannica (Macropedia) [15th ed., Vol. 21]: 675–679. Chicago: Encyclopaedia Britannica, [3] + 1016 pp.

Krishna, K. 1996. New fossil species of termites of the subfamily Nasutitermitinae from Dominican and Mexican amber (Isoptera, Termitidae). American Museum Novitates 3176: 1–13.

Krishna, K. 2001. Southeast Asian species of the genus *Dicuspiditermes* (Isoptera: Termitidae: Termitinae). Sociobiology 37 (3A): 397–488.

Krishna, K. 2003. A new species *Cavitermes rozeni* (Isoptera: Termitidae: Termitinae), from Brazil. Journal of the Kansas Entomological Society 76 (2): 92–95.

Krishna, K., and C. Adams. 1982. The Oriental termite genus *Labritermes* Holmgren (Isoptera, Termitidae, Termitinae). American Museum Novitates 2735: 1–14.

Krishna, K., and R.L. Araujo. 1968. A revision of the Neotropical termite genus *Neocapritermes* (Isoptera, Termitidae, Termitinae). Bulletin of the American Museum of Natural History 138 (3): 83–130.

Krishna, K., and S. Bacchus. 1987. A new fossil species of termite from Dominican amber, *Cryptotermes yamini* (Isoptera, Kalotermitidae). American Museum Novitates 2884: 1–5.

Krishna, K., and A.E. Emerson. 1962. New species of the genus *Glyptotermes* Froggatt from the Papuan, Oriental, Ethiopian, and Neotropical regions (Isoptera, Kalotermitidae). American Museum Novitates 2089: 1–65.

Krishna, K., and A.E. Emerson. 1983. A new fossil species of termite from Mexican amber, *Mastotermes electromexicus* (Isoptera, Mastotermitidae). American Museum Novitates 2767: 1–8.

Krishna, K., and M.S. Engel. 2011. Case 3547. *Cryptotermes dudleyi* Banks, 1918 (Insecta, Isoptera): proposed precedence over *Calotermes havilandi parasita* Wasmann, 1910 (currently *Cryptotermes parasita*). Bulletin of Zoological Nomenclature 68 (2): 109–112.

Krishna, K., and D. Grimaldi. 1991. A new fossil species from Dominican amber of the living Australian termite genus *Mastotermes* (Isoptera: Mastotermitidae). American Museum Novitates 3021: 1–10.

Krishna, K., and D. Grimaldi. 2000. A new subfamily, genus, and species of termite (Isoptera) from New Jersey Cretaceous amber. *In* D. Grimaldi (editor), Studies on fossils in amber, with particular reference to the Cretaceous of New Jersey: 133–140. Leiden: Backhuys Publishers, viii + 498 pp.

Krishna, K., and D.A. Grimaldi. 2003. The first Cretaceous Rhinotermitidae (Isoptera): a new species, genus, and subfamily in Burmese amber. American Museum Novitates 3390: 1–10.

Krishna, K., and D.A. Grimaldi. 2009. Diverse Rhinotermitidae and Termitidae (Isoptera) in Dominican Amber. American Museum Novitates 3640: 1–48.

Krishna, K., and F.M. Weesner (editors). 1969. Biology of termites. Vol. 1. New York: Academic Press, xiii + 598 pp.

Krishna, K., and F.M. Weesner (editors). 1970. Biology of termites. Vol. 2. New York: Academic Press, xiv + [1] + 643 pp.

Kristensen, N.P. 1975. The phylogeny of hexapod "orders." A critical review of recent accounts. Zeitschrift für Zoologische Systematik und Evolutionsforschung 13: 1–44.

Kristensen, N.P. 1981. Phylogeny of insect orders. Annual Review of Entomology 26: 135–157.

Kristensen, N.P. 1989. Insect phylogeny based on morphological evidence. *In* B. Fernholm, K. Bremer, and H. Jurnvall (editors), The hierarchy of life: molecules and morphology in phylogenetic analysis: proceedings from Nobel Symposium 70 held at Alfred Nobel's Bjurkborn, Karlskoga, Sweden, August 29–September 2, 1988: 295–306. Amsterdam: Elsevier, xiii + 499 pp.

Kristensen, N.P. 1991. Phylogeny of extant hexapods. *In* I.D. Naumann and P.B. Carne (editors), The insects of Australia: a textbook for students and research workers, 2nd ed., Vol. 1: 125–140. Ithaca, NY: Cornell University Press, xvi + 1 + 542 pp.

Kristensen, N.P. 1995. Forty years' insect phylogenetic systematics: Hennig's "Kritische Bemerkungen" and subsequent developments. Zoologische Beiträge 36 (1): 83–124.

Kriston, I., J.A.L. Watson, and T. Eisner. 1977. Non-combative behaviour of large soldiers of *Nasutitermes exitiosus* (Hill): an analytical study. Insectes Sociaux 24 (1): 103–111.

Kugler, J. 1988. The zoogeography of Israel. 9. The zoogeography of social insects of Israel and Sinai. Monographiae Biologicae 62: 251–275.

Kukalová-Peck, J. 1983. Origin of the insect wing and wing articulation from the arthropodan leg. Canadian Journal of Zoology 61 (7): 1618–1669.

Kukalová-Peck, J. 1991. Fossil history and the evolution of hexapod structures. *In* I.D. Naumann and P.B. Carne (editors), The insects of Australia: a textbook for students and research workers, 2nd ed., Vol. 1: 141–179. Ithaca, NY: Cornell University Press, xvi + 1 + 542 pp.

Kukalová-Peck, J., and S.B. Peck. 1993. Zoraptera wing structures: evidence for new genera and relationship with blattoid orders (Insecta: Blattoneoptera). Systematic Entomology 18: 333–350.

Kumar, C.T.A., and G.K. Veeresh. 1990. Foraging activity of the subterranean termite *Microtermes obesi* Holmgren (Termitidae: Isoptera). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 575. Leiden: E.J. Brill, xxxi + 765 pp.

Kumar, N.G., and D. Rajagopal. 1990. Nest architecture of the subterranean termite *Microtermes obesi* Holmgren (Isoptera: Termitidae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 687–688. Leiden: E.J. Brill, xxxi + 765 pp.

Kumar, S. 1989. Nest and mud plaster/gallery repair polyethism in termite species *Odontotermes obesus* and *Microcerotermes beesoni* (Isoptera: Termitidae). Annals of Entomology (Dehra Dun) 7 (2): 42–47.

Kumar, S. 1990. Repair versus expansion polyethism in *Odontotermes obesus* (Rambur) (Isoptera: Macrotermitinae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 53. Leiden: E.J. Brill, xxxi + 765 pp.

Kumar, S. 1992. Early detection of swarming sites of subterranean termite *Odontotermes distans* Holmgren and Holmgren (Isoptera: Termitidae). Annals of Entomology (Dehra Dun) 10 (2): 47–49.

Kumar, S. 1994. Polyethism (division of labour) in sterile castes of the termite, *Odontotermes wallonensis* (Isoptera: Macrotermitidae). Journal of Entomological Research (New Delhi) 18 (2): 127–133.

Kumar, S., and P.K. Sen-Sarma. 1991. Polymorphism of sterile castes in *Odontotermes obesus* (Rambur) (Isoptera: Termitidae: Macrotermitinae). Annals of Entomology (Dehra Dun) 9 (2): 77–83.

Kumar, S., and M.L. Thakur. 1990a. Some unusual peculiarities in the nest of *Odontotermes distans* Holmgren *et* Holmgren (Isoptera: Macrotermitidae) in Doon Valley. Indian Journal of Forestry 13 (2): 158–161.

Kumar, S., and M.L. Thakur. 1990b. Observations on swarming characteristics of *Macrotermes beesoni* Snyder in nature (Isoptera: Termitidae: Amitermitinae) in Doon Valley. Indian Journal of Forestry 13 (3): 210–213.

Kumar, S., and M.L. Thakur. 1990c. Winter flight schedules of *Odontotermes distans* Holmgren and Holmgren (Isoptera: Macrotermitidae) in relation to climatic factors in Doon Valley, India. Hexapoda (Insecta Indica) 2 (1): 29–37.

Kumar, S., and M.L. Thakur. 1990d. Foraging polyethism in the harvester desert termite *Anacanthotermes macrocephalus* (Desneux) (Isoptera: Hodotermitidae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 49–50. Leiden: E.J. Brill, xxxi + 765 pp.

Kumar, S., and M.L. Thakur. 1992. A note on the significance of unusual openings in the royal cell of *Odontotermes obesus* (Rambur) (Isoptera: Macrotermitidae). Annals of Entomology (Dehra Dun) 10 (1): 67–69.

Kumar, S., and R.K. Thakur. 2010. A new species of *Angulitermes* from north India (Isoptera: Termitidae, Termitinae). Journal of Experimental Zoology India 13 (2): 495–498.

Kushwaha, K.S. 1955. External morphology of the soldier of *Odontotermes obesus* (Rambur). Current Science (Bangalore) 24 (6): 203–204.

Kushwaha, K.S. 1959a. A preliminary account of external morphology of the worker and alate of *Odontotermes obesus* (Rambur). Current Science (Bangalore) 28 (7): 298–299.

Kushwaha, K.S. 1959b. Chaetotaxy of the soldier, worker and alate of the termite *Odontotermes obesus* (Rambur). Current Science (Bangalore) 28 (10): 415–417.

Kushwaha, K.S. 1960a. External morphology of the termite, *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Part 1. Soldier. Records of the Indian Museum 54 (3–4) [1956]: 209–227.

Kushwaha, K.S. 1960b. External morphology of the termite, *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Part 2. Alate and worker. Records of the Indian Museum 54 (3–4) [1956]: 229–250.

Kushwaha, K.S. 1960c. Chaetotaxy of the termite, *Odontotermes assmuthi* Holmgren (Isoptera: Termitidae). Part I. Soldier. Proceedings of the Indian Academy of Sciences (Animal Sciences) (B) 52 (1): 54–65.

Kushwaha, K.S. 1961. Chaetotaxy of the termite, *Odontotermes assmuthi* Holmgren (Isoptera: Termitidae). Part II. Worker. Proceedings of the Indian Academy of Sciences (Animal Sciences) (B) 54 (1): 130–137.

Kushwaha, K.S. 1962a. External morphology of the termite, *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Part 3. Chaetotaxy of the soldier, worker and alate castes. Records of the Indian Museum 58 (2) [1960]: 71–114.

Kushwaha, K.S. 1962b. Taxonomic differentiation in three species of *Odontotermes* (Isoptera, Termitidae) as based on chaetotaxy. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 55–62. Paris: UNESCO, 259 pp.

Kutchka, G.M. 1936. The probable distribution of termites through greenhouse plants. Bulletin of the Brooklyn Entomological Society 31 (2): 45–48.

Kutnik, M., P. Uva, L. Brinkworth, and A.-G. Bagnères. 2004. Phylogeography of two European *Reticulitermes* (Isoptera) species: the Iberian refugium. Molecular Ecology 13: 3099–3113.

Kutter, H. 1943. Ein kleiner Beitrag zur Kenntnis des Nestbaues von *Bellicositermes natalensis.* Mitteilungen der Schweizerischen Entomologischen Gesellschaft 19 (2): 66–70.

Kuwana, I. 1912. On the termites of the Bonin Islands. Konchu Sekai (Insect World) 16 (9): 365–368. [in Japanese]

Lacasa-Ruiz, A., and X. Martínez-Delclòs. 1986. Meiatermes: nuevo género fósil de insecto isóptero (Hodotermitidae) de las calizas Necomienses del Montsec (Provincia de Lérida, España). Lleida, Spain: Institut d'Estudis Ilerdencs, 65 pp.

Lacklyn, P.M. 1992. 'Magnetic' termite mound surfaces are oriented to suit wind and shade conditions. Oecologia (Heidelberg) 91 (3): 385–395.

Lacoe, R.D. 1883. List of Paleozoic fossil insects of the United States and Canada. Wyoming Historical and Geological Society Publication 5: 1–21.

Lacey, M.J., E. Sémon, J. Krasulová, D. Sillam-Dussès, A. Robert, R. Cornette, M. Hoskovec, P. Žáček, I. Valterová, and C. Bordereau. 2011. Chemical communication in termites: *syn*-4,6-dimethylundecan-1-ol as trail-following pheromone, *syn*-4,6-dimethylundecanal and (5*E*)-2,6,10-trimethylundeca-5,9-dienal as the respective male and female sex pheromones in *Hodotermes sjoestedti* [sic] (Isoptera, Archotermopsidae). Journal of Insect Physiology 57 (12): 1585–1591.

Lacy, R.C. 1980. The evolution of eusociality in termites: a haplodiploid analogy? American Naturalist 116 (3): 449–451.

Lacy, R.C. 1984. The evolution of termite eusociality: reply to Leinaas. American Naturalist 123: 876–878.

Ladley, D., and S. Bullock. 2005. The role of logistic constraints in termite construction of chambers and tunnels. Journal of Theoretical Biology 234: 551–564.

Laduguie, N., A. Robert, O. Bonnard, F. Vieau, J.-L. Le Quere, E. Sémon, and C. Bordereau. 1994. Isolation and identification of (3Z,6Z,8E)-3,6,8-dodecatrien-1-ol in *Reticulitermes santonensis* Feytaud (Isoptera, Rhinotermitidae): roles in worker trail-following and in alate sex-attraction behavior. Journal of Insect Physiology 40 (9): 781–787.

La Fage, J.P., and W.L. Nutting. 1978. Nutrient dynamics of termites. *In* M.V. Brian (editor), Production ecology of ants and termites: 165–232. Cambridge: Cambridge University Press, xvii + [1] + 409 pp.

La Fage, J.P., and W. Nutting. 1979. Respiratory gas exchange in the dry-wood termite, *Marginitermes hubbardi* (Banks) (Isoptera: Kalotermitidae). Sociobiology 4 (2): 257–267.

La Fage, J.P., N.-Y. Su, M.J. Jones, and G.R. Esenther. 1983. A rapid method for collecting large numbers of subterranean termites from wood. Sociobiology 7 (3): 305–309.

Laffitte de Mosera, S. 1978. Algunos aspectos del comportamiento grupal de reproductobes de reemplazo de *Nasutitermes fulviceps* (Silvestri, 1901). (Isoptera, Termitidae, Nasutitermitinae). Revista de la Facultad de Humanidades y Ciencias, Serie Ciencias Biológicas (Uruguay) 1 (1): 1–7.

Laffitte de Mosera, S., and A. Aber de Szterman. 1976. Comportamiento interespecifico en *Nasutitermes fulviceps* (Silvestri, 1901) con otras termites. Revista de Biología del Uruguay 4 (4): 59–65.

Laffitte de Mosera, S., and A. Aber de Szterman. 1978. Comportamiento interespecifico en *Nasutitermes fulviceps* (Silvestri, 1901) con otras termites. Revista de Biología del Uruguay 4 (1976) (2): 59–65.

Laffitte de Mosera, S., and A. Aber de Szterman. 1980. Pautas de comportamiento constructor-horadador en sexuados de *Nasutitermes fulviceps,* (Silvestri, 1901), (Isoptera: Termitidae, Nasutitermitinae). Revista de la Facultad de Humanidades y Ciencias, Serie Ciencias Biológicas (Uruguay) 1 (8): 89–100.

Laffitte de Mosera, S., and A. Aber de Szterman. 1981. Modelo de comportamiento constructor en termites (Isoptera, Termitidae). Revista de la Facultad de Humanidades y Ciencias, Serie Ciencias Biológicas (Uruguay) 1 (18): 273–284.

Laffitte [de Mosera], S. and A. Aber [de Szterman]. 1988. Comportamiento constructor en *Pricirbuternes struatys* [sic] (Hagen, 1858) (Isoptera, Termitidae). Boletin de la Sociedad Zoológica del Uruguay 4: 10–14.

Laffitte de Mosera, S., R.V. Talice, A.M. Sineiro de Sprechmann, and A. Aber de Szterman. 1979. Estudio poblacional anual de *Nasutitermes fulviceps* (Silvestri, 1901). Revista de Biología del Uruguay 7 (2): 77–87.

Laffont, E.R., and G.J. Torales. 2001. New findings of nymph-soldier intercastes of *Nasutitermes aquilinus* (Isoptera, Termitidae, Nasutitermitinae). Sociobiology 38 (3A): 389–397.

Laffont, E.R., G.J. Torales, J.M. Coronel, M.O. Arbina, and M.C. Godoy. 2004. Fauna de cupins (Insecta, Isoptera) de parques nacionais da região noroeste da Argentina. Scientia Agricola (Brazil) 61 (6): 665–670.

Lago, P.K., S. Testa, III, and M. Dakin, Jr. 1988. The insects of Point Clear Island and surrounding marshlands, Hancock County, Mississippi 2: Orthoptera, Dermaptera, Isoptera and Embioptera. Journal of the Mississippi Academy of Sciences 33: 81–91.

Lahiri, A.R., and A.K. Ghosh. 1980. Termites of Manipur, India, with new records (Insecta: Isoptera). Records of the Zoological Survey of India 76 (1–4): 65–70.

Lahiri, A.R., A.K. Ghosh, and S. Biswas. 1976. Termite fauna of Assam: six new records and new distributional records for some other species. Journal of the Assam Science Society 19 (2): 141–143.

Lahiri, A.R., A.K. Ghosh, and S. Biswas. 1977. A preliminary study of insect fauna of Meghalaya. II. Isoptera: four new records and notes on other species. Bulletin of the Meghalaya Science Society 2: 35–38.

Laine, L.V., and D.J. Wright. 2003. The life cycle of *Reticulitermes* spp. (Isoptera: Rhinotermitidae): what do we know? Bulletin of Entomological Research 93: 267–278.

Lal, R., and R.D. Menon. 1953. Catalogue of Indian insects. Part 27—Isoptera. Delhi: Government of India Press, [4] + 94 pp.

Lamb, K.P. 1974. Economic entomology in the tropics. New York: Academic Press, vii + 195 pp.

Lamb, R.W. 1980. Termites (Isoptera) of Macronesia. Boletim do Museu Municipal do Funchal 33 (142): 44–66.

Lambert, J.B., J.S. Frye, and G.O. Poinar. 1985. Amber from the Dominican Republic: an analysis by nuclear magnetic resonance spectroscopy. Archeometry 27: 43–51.

Lambinet, F. 1959. La glande mandibulaire du termite a cou jaune (*Calotermes flavicollis*). Insectes Sociaux 6 (2): 165–177.

Lâm-Binh, L., and P.Y. Durand. 1971. Les termites du Vietnam. Notions de systématique et de biologie: essais de résistance des bois in situ et en laboratoire. Saigon: Institut des Recherches Agronomiques, Service des Recherches Forestières, Ministère de la Réforme Agraire de Développement en Agriculture et Pêcherie, 14 pls. + 139 pp.

Lamotte, M., and R. Roy. 1961. La zonation de la faune au Mont Nimba (Guinée). Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 252: 4040–4042.

Lance, J.F. 1946. Fossil arthropods of California. 9. Evidence of termites in the Pleistocene asphalt of Carpinteria, California. Bulletin of the Southern California Academy of Sciences 45 (1): 21–27.

Lanzrein, B., V. Gentinetta, and M. Lüscher. 1977. In vivo and in vitro studies of the endocrinology of the reproductives of the termite *Macrotermes subhyalinus*. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 265–269. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Lanzrein, B., V. Gentinetta, and R. Fehr. 1985. Titres of juvenile hormone and ecdysteroids in reproductives and eggs of *Macrotermes michaelseni*: relation to caste determination? *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 307–327. Oxford: Pergamon Press, xiv + 405 pp.

Laporte de Castelnau, F.L., de. 1835. Études entomologiques, ou description d'insectes nouveaux, et observations sur la synonymie. Première partie. Paris: Méquignon-Marvis Père et Fils, [3] + 159 pp. + 4 pls.

Larsson, S.G. 1962. The Copenhagen collection of amber-fossils. Entomologiske Meddelelser 31 (4): 323–326.

Larsson, S.G. 1965. Reflections on the Baltic amber inclusions. Entomologiske Meddelelser 34: 135–142.

Larsson, S.G. 1979. Baltic amber—a palaeobiological study. Entomograph 1: 1–192.

Lash, J.W. 1952. A new species of *Reticulitermes* (Isoptera) from Jerusalem, Palestine. American Museum Novitates 1575: 1–7.

Latreille, P.A. 1794. Extrait d'un mémoire pour servir de suite à l'histoire des *Termès,* ou fourmis blanches. Bulletin des Sciences par la Société Philomathique de Paris 1: 84–85.

Latreille, P.A. 1796. Précis des caractères génériques des insectes, disposés dans un ordre naturel. Paris: Prévôt and F. Bourdeaux, xiii + 201 + [7] pp.

Latreille, P.A. 1802. Histoire naturelle, générale et particulière des crustacés et des insectes. Vol. 3. Paris: F. Dufart, xii + 467 + [1] pp.

Latreille, P.A. 1804. Nouveau dictionnaire d'histoire naturelle, appliquée aux arts, principalement à l'agriculture et à l'économie rurale et domestique: par une société de naturalistes et d'agriculteurs [1st ed., Vol. 22]. Paris: Déterville, 583 pp.

Latreille, P.A. 1805. Histoire naturelle, genérale et particuliere, des crustacés et des insectes. Vol. 13. Paris: F. Dufart, 432 pp. + 7 pls.

Latreille, P.A. 1807. Genera crustaceorum et insectorum: secundum ordinem naturalem in familias disposita, iconibus exemplisque plurimis explicata. Vol. 3. Paris: Amand Koenig, 258 pp.

Latreille, P.A. 1810. Considérations générales sur l'ordre naturel des animaux composant les classes des crustacés, des arachnides, et des insectes; avec un tableau méthodique de leurs genres disposés en familles. Paris: F. Schoell, 444 pp.

Latreille, P.A. 1817. Insectes de l'Amérique Equinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland. Seconde partie: CXLII. Termès ailes-bordées. *In* A. von Humboldt (editor), Voyage de Humboldt et Bonpland. Deuxième partie. Observaions de zoologie et d'anatomie comparée. Vol. 2, part 10: 111 + pl. 39 (8). Paris: F. Schoell et G. Dufour, 352 pp. + 57 pls.

Latreille, P.A. 1819. Nouveau dictionnaire d'histoire naturelle, appliquée aux arts, à l'agriculture, à l'économie rurale et domestique, à la médecine, etc. par une société de naturalistes et d'agriculteurs [nouvelle ed., Vol. 33]. Paris: Déterville, [4] + 568 pp. + 3 pls.

Latreille, P.A. 1831. *Termes, Hemerobius,* Lin. *In* G. Cuvier (editor), The animal kingdom: arranged in conformity with its organization. Vol. 4: 72–75. New York: G. and C. and H. Carvill, xii + 544 pp. [translation by H. McMurtrie of Le règne animal]

Latreille, P.A. 1836. Les termites, (*Termes, Hemerobius.* Lin.). *In* G. Cuvier (editor), Le règne animal: distribué d'après son organisation pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée [3rd ed., Vol. 3]: 154–156. Bruxelles: Louis Hauman et Comp., 2 + 518 pp.

Latreille, P.A. 1863. *Termes,* Linn. (*Hemerobius,* Linn.). *In* G. Cuvier (editor), The animal kingdom: arranged according to its organization: 579–580. London: Henry B. Bohn, xxii + 706 pp. [translation and expansion by W.B. Carpenter and J.O. Westwood of Le règne animal]

Laurent, P., D. Daloze, J.M. Pasteels, and J.C. Braekman. 2005. Trinervitene diterpenes from soldiers of two *Nasutitermes* species from French Guyana. Journal of Natural Products (Lloydia) 68 (4): 532–536.

Laurentiaux, D. 1951. Le problème des blattes paléozoïques à ovipositeur externe. Annales de Paleontologie 37: 187–196 + 2 pls.

Leach, W.E. 1815. Entomology. *In* D. Brewster (editor), Edinburgh encyclopædia. Vol. 9, part 1: 57–172. Edinburgh: William Blackwood, 384 pp.

Lebrun, D. 1961. Evolution de l'appareil génital dans les diverses castes de *Calotermes flavicollis* (note préliminaire). Bulletin de la Société Zoologique de France 86 (2–3): 235–242.

Lebrun, D. 1964. Le rôle des corps allates dans la formation des castes de *Calotermes flavicollis.* Comptes Rendus des Séances de l'Académie des Sciences 259 (22): 4152–4155.

Lebrun, D. 1967. Nouvelles recherches sur le déterminisme endocrinien du polymorphisme de *Calotermes flavicollis.* Annales de la Société Entomologique de France (n.s.) 3 (3): 867–871.

Lebrun, D. 1970. Intercastes expérimentaux de *Calotermes flavicollis* Fabr. Insectes Sociaux 17 (3): 159–176.

Lebrun, D. 1973. Pheromones et déterminisme des castes de *Calotermes flavicollis* Fabr. Proceedings of the Congress of the International Union for the Study of Social Insects, London 7: 220–224.

Lebrun, D. 1978a. Implications hormonales das la morphogenèse des castes du termite *Kalotermes flavicollis* Fabr. Bulletin de la Société Zoologique de France 103 (3): 351–358.

Lebrun, D. 1978b. Différenciations cuticulaires et sensorielles au niveau des chambres génitales de la femelle du termite à cou jaune *Calotermes flavicollis* Fabr. Insectes Sociaux 25 (1): 111–116.

Lebrun, D. 1983. Cephalic neurohemal organs in Isoptera. *In* A.P. Gupta (editor), Neurohemal organs of arthropods: their development, evolution, structures, and functions: 336–345. Springfield, Illinois: C.C. Thomas, xvi + 629 pp.

Lebrun, D. 1984. Structures digestives des termites—le proventriculus ou gesier. Actes des Colloques Insectes Sociaux 1: 139–140.

Lebrun, D. 1985a. The role of hormones in social polymorphism and reproduction in *Kalotermes flavicollis* Fabr. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 227–238. Oxford: Pergamon Press, xiv + 405 pp.

Lebrun, D. 1985b. Strutures digestives et regimes alimentaires des termites (Isoptère). Actes des Colloques Insectes Sociaux 2: 43–44.

Lebrun, D. 1986. Structure du desier de differents termites (Isoptera). Actes des Colloques Insectes Sociaux 3: 83–85.

Lebrun, D. 1991. Hormonal control of caste differentiation in termites. Ethology Ecology and Evolution, Special Issue 1: 9–13.

Lebrun, D. 1996. Le cycle annuel de développement de *Reticulitermes santonensis* Feytaud dans l'ouest de la France. Actes des Colloques Insectes Sociaux 10: 119–123.

Lebrun, D., and M.J. Faucheux. 1994. Étude morphologique relative à la spéciation dans le genre *Reticulitermes* (Isoptera). Actes des Colloques Insectes Sociaux 9: 75–77.

Lebrun, D., and A. Lequet. 1983. Étude structurale en microscopie électronique a balayage du proventricule ou gésier des espèces françaises de termites. Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 5 (1): 1–11.

Lebrun, D., and A. Lequet. 1985. Relations entre le régime alimentaire et la structure du gésier des termites. Bulletin de la Société des Sciences Naturelles de l'Ouest de la France (n.s.) 7 (3): 126–139.

Lebrun, D., C. Rouland, and C. Chararas. 1990. Influence de la défaunation sur la nutrition et la survie de *Kalotermes flavicollis.* Material und Organismen 25 (1): 1–14.

Lechleitner, F.M. 1970. Termite flight and distribution survey 1964–1969. Fifth progress report. National Pest Control Association Service Letter 1240: [1–6].

Lee, C.-Y., P.-S. Ngee, and L.-C. Lee. 2003. Foraging populations and territories of a mound-building subterranean termite, *Microtermes pakistanicus* (Isoptera: Macrotermitinae). Sociobiology 41 (2): 307–316.

Lee, K.E., and T.G. Wood. 1971. Termites and Soils. London: Academic Press, x + 251 pp.

Lee, R.F. 1971. A preliminary annotated list of Malawi forest insects. Malawi Forest Research Institute Research Record 40: 132.

Lefebvre, T., N. Châline, D. Limousin, S. Dupont, and A.-G Bagnères. 2008. From speciation to introgressive hybridization: the phylogeographic structure of an island subspecies of termite, *Reticulitermes lucifugus corsicus.* BMC Evolutionary Biology 8 (38): 1–13.

Lefeuve, P. 1987a. Replacement queens in the Neotropical termite *Nasutitermes coxipoensis.* Insectes Sociaux 34 (1): 10–19.

Lefeuve, P. 1987b. Replacement queens in *Nasutitermes coxipoensis* Holmgren (Isoptera, Termitidae, Nasutitermitinae). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th International Congress of the International Union for the Study of Social Insects: 287–288. Munich: J. Peperny, xxxv + 16 + 757 pp.

Lefeuve, P. 1990. À propos des termites de Guyane Française. Bois et Forêts des Tropiques 224: 59–64.

Lefeuve, P., and C. Bordereau. 1984. Soldier formation regulated by a primer pheromone from the soldier frontal gland in a higher termite, *Nasutitermes lujae.* Proceedings of the National Academy of Sciences of the United States of America 81: 7665–7668.

Lefeuve, P., and B.L. Thorne. 1984. Nymph-soldier intercastes in *Nasutitermes lujae* and *N. columbicus* (Isoptera; Termitidae). Canadian Journal of Zoology 62 (5): 959–964.

Lefroy, H.M. 1909. Indian insect life: a manual of the insects of the plains (tropical India). Calcutta: Thacker Spink and Co., xii + 786 pp. + 84 pls.

Legendre, F., M.F. Whiting, C. Bordereau, E.M. Cancello, T.A. Evans, and P. Grandcolas. 2008. The phylogeny of termites (Dictyoptera: Isoptera) based on mitochondrial and nuclear markers: implications for the evolution of the worker and pseudergate castes, and foraging behaviors. Molecular Phylogenetics and Evolution 48: 615–627.

Lehmann, J. 1987a. *Termitomyces albuminosus* and its relation to *Xylaria nigriceps* associated with *Odntotermes obesus* (Termitidae; Macrotermitinae). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects: 634. Munich: J. Peperny, xxxv + 16 + 757 pp.

Lehmann, J. 1987b. On some taxonomically puzzling phenomena observed in the fungus associated with *Odontotermes microdentatus* (Macrotermitinae). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects: 636. Munich: J. Peperny, xxxv + 16 + 757 pp.

Leinaas, H.P. 1983. A haplodiploid analogy in the evolution of termite eusociality? American Naturalist 121: 302–304.

Leis, M., and G. Sbrenna. 1983. Epidermal glands and integument of different castes of *Kalotermes flavicollis* (Isoptera, Calotermitidae). A comparative study. Redia 66: 215–225 + 4 pls.

Leis, M., A. Sbrenna-Micciarelli, and G. Sbrenna. 1992. Communication in termites: preliminary observations on the vibratory movements of *Kalotermes flavicollis* (Fabr.) (Isoptera Kalotermitidae). Ethology Ecology and Evolution, Special Issue 2: 111–114.

Leis, M., I. Angelini, A. Sbrenna-Micciarelli, and G. Sbrenna. 1994. Further observations on intercaste communication in *Kalotermes flavicollis*: frequence of vibratory movements under different experimental conditions. Ethology Ecology and Evolution, Special Issue 3: 11–16.

Lelis, A.T. 1995. A nest of *Coptotermes havilandi* (Isoptera, Rhinotermitidae) off ground level, found in the 20th story of a building in the city of São Paulo, Brazil. Sociobiology 26 (3): 241–245.

Lemaire, M. 1985. Strategies offensives des fourmis vis à vis des termites; mechanismes de defense des *Reticulitermes* Europeens (Isoptera). Actes des Colloques Insectes Sociaux 2: 229–233.

Lendi, G.S., and S. Basalingappa. 2000. Distribution of adult workers and soldiers in different parts of the mounds of the termite *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Entomon 25 (2): 103–105.

Lenz, M. 1976. The dependence of hormone effects in termite caste determination on external factors. *In* M. Lüscher (editor), Phase and caste determination in insects, endocrine aspects: papers presented at a symposium of the

section physiology and biochemistry of the 15th International Congress of Entomology, Washington, D.C., 1976: 73–89. Oxford: Pergamon Press, vii + 130 pp.

Lenz, M. 1985. Is inter- and intraspecific variability of lower termite neotenic numbers due to adaptive thresholds for neotenic elimination? Consideration from studies on *Porotermes adamsoni* (Froggatt) (Isoptera: Termopsidae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 125–145. Oxford: Pergamon Press, xiv + 405 pp.

Lenz, M. 1987. Brood production by imaginal and neotenic pairs of *Cryptotermes brevis* (Walker): the significance of helpers (Isoptera: Kalotermitidae). Sociobiology 13 (2): 59–66.

Lenz, M. 1994. Food resources, colony growth and caste development in wood-feeding termites. *In* J.H. Hunt and C.A. Nalepa (editors), Nourishment and evolution in insect societies: 159–209. Boulder, CO: Westview Press, xii + 449 pp.

Lenz, M., and R.A. Barrett. 1982. Neotenic formation in field colonies of *Coptotermes lacteus* (Froggatt) in Australia, with comments on the roles of Neotenics in the genus *Coptotermes* (Isoptera: Rhinotermitidae). Sociobiology 7 (1): 47–59.

Lenz, M., and S. Runko. 1993. Long-term impact of orphaning on field colonies of *Coptotermes lacteus* (Froggatt) (Isoptera: Rhinotermitidae). Insectes Sociaux 40: 439–456.

Lenz, M., and M. Westcott. 1985. Homeostatic mechanisms affecting caste composition in groups of *Nasutitermes nigriceps* (Isoptera: Termitidae) exposed to a juvenile hormone analogue. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 251–266. Oxford: Pergamon Press, xiv + 405 pp.

Lenz, M., and E.R. Williams. 1986. Changing feeding patterns of *Porotermes adamsoni* (Froggatt) (Isoptera: Termopsidae) during no-choice and choice trials at different temperatures on sound and decayed nest wood. Sociobiology 11 (3): 215–226.

Lenz, M., R.A. Barrett, and E.R. Williams. 1982a. Influence of diet on the survival and wood consumption of *Porotermes adamsoni* (Froggatt) (Isoptera: Termopsidae) at different temperatures. Bulletin of Entomological Research 72: 423–435.

Lenz, M., E.A. McMahan, and E.R. Williams. 1982b. Neotenic production in *Cryptotermes brevis* (Walker): influence of geographical origin, group composition, and maintenance conditions (Isoptera: Kalotermitidae). Insectes Sociaux 29 (2): 148–163.

Lenz, M., R.A. Barrett, and E.R. Williams. 1985. Reproductive strategies in *Cryptotermes*: neotenic production in indigenous and "tramp" species in Australia (Isoptera: Kalotermitidae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 147–163. Oxford: Pergamon Press, xiv + 405 pp.

Lenz, M., R.A. Barrett, and L.R. Miller. 1986a. Nest construction by colonies of *Coptotermes lacteus* in the presence or absence of reproductives (Isoptera: Rhinotermitidae). Sociobiology 11 (3): 227–235.

Lenz, M., R.A. Barrett, and L.R. Miller. 1986b. The capacity of colonies of *Coptotermes acinaciformis acinaciformis* from Australia to produce neotenics (Isoptera: Rhinotermitidae). Sociobiology 11 (3): 237–244.

Lenz, M., R.A. Barrett, and L.R. Miller. 1988. Mechanisms of colony re-establishment after orphaning in *Coptotermes lacteus* (Froggatt) (Isoptera; Rhinotermitidae). Sociobiology 14 (1): 245–268.

Leong, K.L.H., M. Tamashiro, J. Yates, and N.-Y. Su. 1983. Microenvironmental factors regulating the flight of *Coptotermes formosanus* Shiraki in Hawaii. Proceedings of the Hawaiian Entomological Society 24 (2–3): 287–291.

Leow, K.S., and F.T. Degge. 1981. Some soil characteristics of termite mou[n]ds under Guinea Savanna climate, Zaria, Kaduna State, Nigeria. Malaysian Journal of Tropical Geography 4: 33–39.

Lepage, M.G. 1977. Foraging and food consumption of *Macrotermes subhyalinus. In* H.H.W. Velthuis, and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 249–252. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Lepage, M.G. 1981a. L'impact des populations récoltantes de *Macrotermes michaelseni* (1) (Sjöstedt) (Isoptera, Macrotermitinae) dans un écosystéme semi-aride (Kajiado–Kenya). I—L'activité de récolte et son déterminisme. Insectes Sociaux 28 (3): 297–308.

Lepage, M.G. 1981b. L'impact des populations récoltantes de *Macrotermes michaelseni* (Sjöstedt) (Isoptera, Macrotermitinae) dans un écosystéme semi-aride (Kajiado–Kenya). II—La nourriture récoltée, comparaison avec les grands herbivores. Insectes Sociaux 28 (4): 309–319.

Lepage, M.G. 1983a. Foraging of *Macrotermes* spp. (Isoptera: Macrotermitinae) in the tropics. *In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico November, 1980. Vol. 2: 205–218. Paris: Université Paris-Nord, 252 pp.

Lepage, M.[G.]. 1983b. Structure et dynamique des peoplements de termites tropicaux. Acta Oecologica, Oecologia Generalis 4 (1): 65–87.

Lepage, M.[G.]. 1984. Distribution, density and evolution of *Macrotermes bellicoses* nests (Isoptera: Macrotermitinae) in the north-east of Ivory Coast. Journal of Animal Ecology 53: 107–117.

Lepage, M.[G.]. 1989. Ecologie et adaptations des sociéties en Afrique tropicale aride. Bulletin d'Ecologie 20 (1): 59–63.

Lepage, M.[G.]. 1990. Développement au laboratoire des jeunes colonies de *Macrotermes michaelseni* (Sjöstedt) (Isoptera: Macrotermitinae). Annales de la Société Entomologique de France (n.s.) 26 (1): 39–50.

Lepage, M.[G.]. 1998. Analyse des matériaux de termitières épigées de *Macrotermes bellicosus* (Isoptera: Macrotermitinae) sur un plateau latéritique (Ouango Fitini, Parc de la Comoé, Côte-d'Ivoire). Journal of African Zoology 112 (3): 193–201.

Lepage, M.[G.], and J.P.E.C. Darlington. 2000. Population dynamics of termites. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 333–361. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Lepage, M.[G.], and P.K. Kouassi. 1989. Relative abundance of Macrotermitinae in African ecosystems (Ivory Coast) in relation to environmental parameters (Isoptera). Sociobiology 15 (2): 269. [abstract]

Lepage, M.[G.], and Y. Tano. 1986. Les termitières épigées d'un bassin versant en zone Soudanienne: premiers résultats obtenus. Actes des Colloques Insectes Sociaux 3: 133–142.

Lepage, M.[G.], and Y. Tano. 1988. Dynamique et repartition des termitières de *Macrotermes bellicosus* dans un bassin versant en zone Soudanienne. Actes des Colloques Insectes Sociaux 4: 341–344.

Lepage, M., L. Abbadie, and Z. Zaidi. 1989. Significance of hypogeous nests of Macrotermitinae in a Guinea savanna ecosystem, Ivory Coast (Isoptera). Sociobiology 15 (2): 267. [abstract]

Lepage, M., L. Abbadie, and A. Mariotti. 1993. Food habits of sympatric termite species (Isoptera, Macrotermitinae) as determined by stable carbon isotope analysis in a Guinean savanna (Lamto, Côte d'Ivoire). Journal of Tropical Ecology 9 (3): 303–311.

Le Pelley, R.H. 1959. Agricultural Insects of East Africa. Nairobi: East African High Commission, 307 pp.

Leponce, M. 1997. Reproductive strategies and community structure of New Guinean arboreal nesting termites. Bulletin et Annales de la Société Royale Belge d'Entomologie 133 (2): 283–289.

Leponce, M., Y. Roisin, and J.M. Pasteels. 1995. Environmental influences on the arboreal nesting community in New Guinea coconut plantations. Environmental Entomology 24: 1442–1452.

Leponce, M., Y. Roisin, and J.M. Pasteels. 1996a. Intraspecific interactions in a community of arboreal nesting termites (Isoptera: Termitidae). Journal of Insect Behavior 9 (5): 799–817.

Leponce, M., Y. Roisin, and J.M. Pasteels. 1996b. Reproductive mechanisms and dynamics of habitat colonization in *Microcerotermes biroi* (Isoptera: Termitidae). Ecological Entomology 21: 178–184.

Leponce, M., Y. Roisin, and J.M. Pasteels. 1997. Structure and dynamics of the arboreal termite community in New Guinean coconut plantations. Biotropica 29 (2): 193–203.

Leprun, J.-C. 1976. Une construction originale hypogée pour le stockage de l'eau par les termites en régions sahelo-soudaniennes de Haute-Volta. Pedobiologia 16: 451–456.

Lesne, P. 1923. Une station nouvelle du termite *lucifuge.* Comptes Rendus des Séances de l'Académie des Sciences 176: 1507–1508.

Lespés, C. 1856. Recherches sur l'organisation et le moeurs du termite *lucifuge.* Annales des Sciences Naturelles, Zoologie (4) 5: 227–282 + 3 pls.

Leuthold, R.H. 1973. Orientation of the harvesting termite *Hodotermes mossambicus* (Hagen). Proceedings of the Congress of the International Union for the Study of Social Insects, London 7: 244–247.

Leuthold, R.H. 1977. Postflight communication in two termite species, *Trinervitermes bettonianus* and *Hodotermes mossambicus. In* H.H.W. Velthuis, and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 62–63. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Leuthold, R.[H.]. 1990. L'organisation sociale chez des termites champignonnistes du genre *Macrotermes.* Actes des Colloques Insectes Sociaux 6: 9–20.

Leuthold, R.H., and O. Bruinsma. 1978. Pairing behavior in *Hodotermes mossambicus* (Isoptera). Psyche (Cambridge) 84 (2) [1977]: 109–119.

Leuthold, R.H., and M. Lüscher. 1974. An unusual caste polymorphism of the sternal gland and its trail pheromone production in the termite *Trinivitermes bettonianus.* Insectes Sociaux 21 (4): 335–342.

Leuthold, R.H., S. Badertscher, and H. Imboden. 1989. The inoculation of newly formed fungus comb with *Termitomyces* in *Macrotermes* colonies (Isoptera, Macrotermitinae). Insectes Sociaux 36 (4): 328–338.

Leuthold, R.H., H. Triet, and B. Schildger. 2004. Husbandry and breeding of African giant termites (*Macrotermes jeanneli*) at Berne Animal Park. Der Zoologische Garten 74 (1): 26–37.

Lever, R.J.A.W. 1934. Further notes on local termites. British Solomon Islands Agricultural Gazette (Tulagi) 2 (4): 10–13.

Lever, R.J.A.W. 1939a. Entomological notes. 2. Termites or "white ants." Agricultural Journal (Fiji) 10 (1): 18–19 + 1 pl.

Lever, R.J.A.W. 1939b. Entomological notes. 3. A Central American white ant in Fiji. Agricultural Journal (Fiji) 10 (2): 36–37.

Lever, R.J.A.W. 1939c. Entomological notes. 4. Additional notes on two local white ants. Agricultural Journal (Fiji) 10 (2): 37.

Lever, R.J.A.W. 1939d. Entomological notes. 5. Notes on white ants. Agricultural Journal (Fiji) 10 (3): 87.

Lever, R.J.A.W. 1942. Entomological notes. 2. New host records of a termite. Agricultural Journal (Fiji) 13 (2): 48.

Lever, R.J.A.W. 1943. Further notes on the fauna of the British Solomon Islands. Tropical Agriculture (Trinidad) 20 (2): 40–42.

Lever, R.J.A.W. 1948. New insect pest records in the British Solomon Islands. Agricultural Journal (Fiji) 19 (2): 50–52.

Lever, R.J.A.W. 1952. New or recently introduced insect pests in Singapore, absent from the Federation of Malaya. Malayan Agricultural Journal 35 (4): 215–217.

Levings, S.C., and E.S. Adams. 1984. Intra- and interspecific territoriality in *Nasutitermes* (Isoptera: Termitidae) in a Panamian mangrove forest. Journal of Animal Ecology 53 (3): 705–714.

Lewis, J.L., and B.T. Forschler. 2004a. Protist communities from four castes and three species of *Reticulitermes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 97 (6): 1242–1251.

Lewis, J.L., and B.T. Forschler. 2004b. Nitrogen-sparged media extends life span of symbiotic protists found in subterranean termites (Isoptera: Rhinotermitidae), providing more time for microscopic examination. Environmental Entomology 33 (5): 1145–1150.

Lewis, J.L., and B.T. Forschler. 2006. A nondichotomous key to protist species identification of *Reticulitermes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 99 (6): 1028–1033.

Lewis, S.E. 1968. Fossil insects of the Latah Formation (Miocene) of eastern Washington and northern Idaho. Ph.D. dissertation, Pullman: Washington State University, 106 pp.

Lewis, S.E. 1969. Fossil insects of the Latah Formation (Miocene) of eastern Washington and northern Idaho. Northwest Science 43 (3): 99–115.

Lewis, S.E. 1973. A new species of fossil Isoptera (Hodotermitidae) from the Ruby River Basin (Oligocene) of southwestern Montana. Annals of the Entomological Society of America 66 (6): 1359–1360.

Lewis, S.E. 1974. Fossil insects from the Ruby River Basin (Oligocene) of southwestern Montana. Proceedings of the North Central Branch of the Entomological Society of America 29: 156. [abstract]

Lewis, S.E. 1977. A new species of fossil Isoptera (Kalotermitidae) from the Ruby River Basin (Oligocene) of southwestern Montana. Proceedings of the Entomological Society of Washington 79 (3): 313–316.

Lewis, S.E., and P.M. Heikes. 1989. Bibliographic data on fossil Isoptera from the Cenozoic of the Australian, Nearctic, Neotropical and Palearctic zoogeographical regions. Occasional Papers in Paleobiology, St. Cloud State University 3 (15): 1–16.

Lewis, S.E., P.M. Heikes, and K.L. Lewis. 1990a. Entomofauna from the Ruby River Basin (Oligocene) near Alder, Montana. Occasional Papers in Paleobiology, St. Cloud State University 4 (8): 1–15.

Lewis, S.E., P.M. Heikes, and K.L. Lewis. 1990b. Entomofauna from Miocene deposits near Juliaetta, Idaho. Occasional Papers in Paleobiology, St. Cloud State University 4 (9): 1–22.

Lewis, S.E., P.M. Heikes, and K.L. Lewis. 1990c. Entomofauna from the Brick Yard site (Miocene) near Spokane, Washington. Occasional Papers in Paleobiology, St. Cloud State University 4 (11): 1–16.

Lewis, V.R. 2003. Isoptera (termites). *In* V.H. Resh and R.T. Cardé (editors), Encyclopedia of insects: 604–608. New York: Academic Press, xxiv + 1266 pp.

Li, D., Y. Zhao, J.-X. Shi, D.-C. Yao, and Q.-B. Quan. 1986. A study on relations between distributional maps of the emergence holes of the colonizing flights and the directions of the main nests of termites *Macrotermes barneyi* Light. Zoological Research 7 (3): 223–231. [in Chinese, with English summary]

Li, G.-X. 1982. Termite mound nests of Hainan Island, China with a new species of *Capritermes* (Isoptera: Termitidae). Zoological Research 3 (4): 443–450. [in Chinese, with English summary]

Li, G.-X. 1985. New species of the new genus *Peribulbitermes* and of the genus *Ahmaditermes* of the subfamily Nasutitermitinae from China (Isoptera: Termitidae). Acta Zootaxonomica Sinica 10 (1): 95–101. [in Chinese, with English summary]

Li, G.-X. 1986a. A new species of *Odontotermes* from Guangxi, China (Isoptera: Termitidae). Acta Entomologica Sinica 29 (2): 194–195. [in Chinese, with English summary]

Li, G.-X. 1986b. Two new species of the genus *Odontotermes* from China (Isoptera: Termitidae). Acta Zootaxonomica Sinica 11 (3): 330–333. [in Chinese, with English summary]

Li, G.-X. 1986c. Two new species of *Coptotermes* from south China (Isoptera: Rhinotermitidae). Entomotaxonomia 8 (3): 225–230. [in Chinese, with English summary]

Li, G.-X. 1986d. Four new species of *Nasutitermes* and new genus *Periaciculitermes* of subfamily Nasutitermitinae from China (Isoptera: Termitidae). Zoological Research 7 (3): 207–216. [in Chinese, with English summary]

Li, G.-X. 1987. Three new species of the genus *Glyptotermes* from China (Isoptera: Kalotermitidae). Entomotaxonomia 9 (3): 231–237. [in Chinese, with English summary]

Li, G.-X. 1991. Some termite problems in China. Annals of Entomology (Dehra Dun) 9 (2): 25–30.

Li, G.-X., and Z.-V. Dai. 1990a. Termite species and distribution in China. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 41–42. Leiden: E.J. Brill, xxxi + 765 pp.

Li, G.-X., and Z.-V. Dai. 1990b. Biology of *Coptotermes formosanus* Shiraki in China. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 47–48. Leiden: E.J. Brill, xxxi + 765 pp.

Li, G.-X., and F.-S. Huang. 1986. Eight new species of termites from Fujian, China (Isoptera). Wuyi Science Journal 6: 21–33. [in Chinese, with English summary]

Li, G.-X., and X.-G. Ma. 1983. A new species and new record of *Pericapritermes* (Isoptera: Termitidae: Termitinae). Acta Entomologica Sinica 26 (3): 331–333. [in Chinese, with English summary]

Li, G.-X., and X.-G. Ma. 1984. Two new species of termites of the genus *Reticulitermes* from Meihuashan, Fujian, China (Isoptera: Rhinotermitidae). Wuyi Science Journal 4: 163–166. [in Chinese, with English summary]

Li, G.-X., and X.-G. Ma. 1987. Two new species of the genus *Reticulitermes* from China (Isoptera: Rhinotermitidae). Acta Entomologica Sinica 30 (1): 80–84. [in Chinese, with English summary]

Li, G.-X., and Z.-M. Ping. 1982. Two new species of *Odontotermes* and *Ahmaditermes* (Isoptera: Termitidae) from Guizhou, China. Zoological Research 3 (supplement): 157–162. [in Chinese, with English summary]

Li, G.-X., and Z.-M. Ping. 1983a. Four new species of the genus *Macrotermes* from south China (Isoptera: Termitidae: Macrotermitinae). Acta Zootaxonomica Sinica 8 (2): 183–195. [in Chinese, with English summary]

Li, G.-X., and Z.-M. Ping. 1983b. Description of a new genus *Tsaitermes* and its three new species from China (Isoptera: Rhinotermitidae: Heterotermitinae). Entomotaxonomia 5 (3): 239–245. [in Chinese, with English summary]

Li, G.-X., and Z.-M. Ping. 1985. Two new species of new genus *Cucurbitermes* of subfamily Nasutitermitinae from China (Isoptera: Termitidae). Acta Entomologica Sinica 28 (1): 85–90. [in Chinese, with English summary]

Li, G.-X., and Z.-M. Ping. 1986. Three new species of new genus *Sinonasutitermes* of subfamily Nasutitermitinae from China (Isoptera: Termitidae). Zoological Research 7 (2): 89–98. [in Chinese, with English summary]

Li, G.-X., and W.-L. Xiao. 1989. Eight new species of the termites from Guangxi, China (Isoptera: Rhinotermitidae, Termitidae). Acta Entomologica Sinica 32 (4): 465–476. [in Chinese, with English summary]

Li, G.-X., Z.-M. Ping, and G.-R. Ji. 1982. A new species of the genus *Reticulitermes* from Nanchong region, Sichuan Province, China (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 7 (1): 101–103. [in Chinese, with English summary]

Li, G.-X., Z.-R. Dai, and D. Li. 1989. Termites and their control measures in China. Beijing: Science Press, vii + 269 pp. [in Chinese, with English title, table of contents, and bibliography]

Li, G.-X., Z.-R. Dai, and B. Yang. 1994. Introduction to termite research in China. Journal of Applied Entomology 117 (4): 360–369.

Li, H.-F., R.H. Scheffrahn, N.-Y. Su, N. Kanzaki, and R.-L. Yang. 2008. Survey of the termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of Lanyu Island, Taiwan. Florida Entomologist 91 (3): 472–473.

Li, H.-F., N. Kanzaki and N.-Y. Su. 2009a. Redescription of the drywood termite *Incisitermes inamurae* (Isoptera: Kalotermitidae). Annals of the Entomological Society of America 102 (5): 759–765.

Li, H.-F., W. Ye, N.-Y. Su, and N. Kanzaki. 2009b. Phylogeography of *Coptotermes gestroi* and *Coptotermes formosanus* (Isoptera, Rhinotermitidae) in Taiwan. Annals of the Entomological Society of America 102 (4): 684–693.

Li, K.-S. 1980. A new species of the genus *Reticulitermes* from the Huaping forest, Guangxi, China (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 5 (3): 308–309. [in Chinese, with English summary]

Li, K.-S, and P.-H. Tsai. 1976. On a collection of termites from the Xisha Islands of China, with description of a new *Prorhinotermes.* Acta Entomologica Sinica 19 (1): 94–100. [in Chinese, with English summary]

Li, L., J. Fröhlich, and H. König. 2006. Cellulose digestion in the termite gut. *In* H. König and A. Varma (editors), Intestinal microorganisms of termites and other invertebrates: 221–241. Berlin: Springer Verlag, xxiii + 483 pp.

Li, S. 1979. Survey of termite populations in Zhejiang Province with descrption of three new species. Acta Agriculturae Universitatis Zhejiangensis 5 (1): 63–72. [in Chinese]

Li, S. 1982. Notes on the habitat and castes of *Hodotermopsis sjostedt* [sic] Holmgren. Acta Entomologica Sinica 25 (3): 311–314. [in Chinese, with English summary]

Li, S., and Z.-M. Ping. 1988. Notes on the genus *Hodotermopsis* Holm. of China and two new species (Isoptera: Termopsidae). Acta Entomologica Sinica 31 (3): 300–305. [in Chinese, with English summary]

Li, T., G.-S. Shi, L.-M. Lu, Y.-H. Chen, and J.-F. Zhang. 1988. Bionomics of *Odontotermes hainanensis* (Light). Acta Entomologica Sinica 31 (1): 32–36. [in Chinese, with English summary]

Li, T., G.-S. Shi, J.-F. Zhang, and Y.-H. Chen. 1989. Further studies on the bionomics of *Odontotermes hainanensis.* Acta Entomologica Sinica 32 (3): 311–316. [in Chinese, with English summary]

Li, Y.-H. 1989. The study on swarming activity of *Reticulitermes speratus* (Kolbe). Kunchong Zhishi (Entomological Knowledge) 26 (3): 154–157. [in Chinese, with English title]

Li, Y.-H. 1994. The development of *Coptotermes formosanus* Shiraki for long wing reproductive morph. Entomological Knowledge 31 (6): 356–358. [in Chinese]

Li, Y.-H., and X.-J. Liu. 1987. Ecological characteristics for swarming activity of *Coptotermes formosanus* Shiraki. Acta Entomologica Sinica 30 (1): 116–119. [in Chinese, with English title]

Li, Y.-L. 1997. Eight species of termites not native to China introduced in lumber from Southeast Asia into Zhanjiang. Plant Quarantine 11 (1): 47–49. [in Chinese]

Li, Z-Q., B.-R. Liu, Q.-J. Li, W.-L. Xiao, and J.-H. Zhong. 2011. Two new synonyms of *Coptotermes gestroi* (Wasmann) (Isoptera: Rhinotermitidae) in China. Sociobiology 58 (2): 449–455.

Liang, M.-Y.C., and H.C. Coppel. 1980. The location of and exocuticular structures found on the sternal gland segment of *Zootermopsis nevadensis.* Sociobiology 5 (1): 55–62.

Liang, M.-Y.[C.], H.C. Coppel, F. Matsumura, and G. Esenther. 1979. Exocuticular structures on the sternal gland segments of Rhinotermitidae. Sociobiology 4 (2): 169–190.

Liénard, M.A., J.-M.X.S. Lassance, I. Paulmier, J.-F. Picimbon, and C. Löfstedt. 2006. Differential expression of cytochrome *c* oxidase subunit II gene in castes of the termite *Reticulitermes santonensis.* Journal of Insect Physiology 52: 551–557.

Light, S.F. 1921a. Notes on Philippine termites, I. Philippine Journal of Science 18 (3): 243–257.

Light, S.F. 1921b. Notes on Philippine termites, II. Philippine Journal of Science 19 (1): 23–63 + 6 pls.

Light, S.F. 1924. The termites (white ants) of China, with descriptions of six new species. China Journal of Science and Arts 2 (1–4): 50–60, 140–142, 253–265, 354–358.

Light, S.F. 1926. On *Metadevescovina debilis* gen. nov., sp. nov. A xylophagous polymastigote from the termite *Kalotermes hubbardi* Banks. University of California Publications in Zoölogy 29 (6): 141–157 + 1 pl.

Light, S.F. 1927a. A new and more exact method of expressing important specific characters of termites. University of California Publications in Entomology 4 (5): 75–88.

Light, S.F. 1927b. *Kofoidia,* a new flagellate, from a California termite. University of California Publications in Zoölogy 29 (18): 467–492.

Light, S.F. 1929a. Termites and termite damage. University of California, College of Agriculture, Agricultural Experimental Station Circular 314: 1–28.

Light, S.F. 1929b. New termite records for lower California. Pan-Pacific Entomologist 6 (2): 67–72.

Light, S.F. 1929c. Notes on Philippine termites, III. Philippine Journal of Science 40 (4): 421–452 + 9 pls.

Light, S.F. 1930a. The California species of the genus *Amitermes* Silvestri (Isoptera). University of California Publications in Entomology 5 (9): 173–214.
Light, S.F. 1930b. The Mexican species of *Amitermes* Silvestri (Isoptera). University of California Publications in Entomology 5 (10): 215–233.
Light, S.F. 1930c. A practical key to the species of termites found in California. Monthly Bulletin, State of California Department of Agriculture 19: 453–455.
Light, S.F. 1930d. Fossil termite pellets from the Seminole Pleistocene. University of California Publications in Geological Science 19 (3): 75–80.
Light, S.F. 1930e. Termites collected by T.T. Craig on Socorro Island. Pan-Pacific Entomologist 6 (4): 178–180.
Light, S.F. 1930f. Notes on Philippine termites, IV. Philippine Journal of Science 42 (1): 13–58 + 8 pls.
Light, S.F. 1931a. Present status of our knowledge of the termites of China. Lingnan Science Journal 7 [1929]: 581–600.
Light, S.F. 1931b. The termites of Nevada. Pan-Pacific Entomologist 8 (1): 5–9.
Light, S.F. 1932a. Termites of the Marquesas Islands. Bulletin of the Bernice Pauahi Bishop Museum 98: 73–86 + 3 pls.
Light, S.F. 1932b. *Kalotermes* (*Glyptotermes*) *juddi*: a new species of termite from the Marquesas Islands. Bulletin of the Bernice Pauahi Bishop Museum 98: 169–170.
Light, S.F. 1932c. Key to the Marquesan species of termites, with records of host plants and distribution. Bulletin of the Bernice Pauahi Bishop Museum 98: 171–176.
Light, S.F. 1932d. Termites from the Society Islands. Bulletin of the Bernice Pauahi Bishop Museum 113: 3–5 + 1 pl.
Light, S.F. 1932e. Contribution toward a revision of the American species of *Amitermes* Silvestri. University of California Publications in Entomology 5 (17): 355–414.
Light, S.F. 1933. Termites of western Mexico. University of California Publications in Entomology 6 (5): 79–164.
Light, S.F. 1934a. The constitution and development of the termite colony. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 22–41. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934b. The external anatomy of termites. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 50–57. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934c. A world view of termites. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 117–126. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934d. The termite fauna of North America with special reference to the United States. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 127–135. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934e. The desert termites of the genus *Amitermes. In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 199–205. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934f. Dry-wood termites, their classification and distribution. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 206–209. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934g. The distribution and biology of the common dry-wood termite *Kalotermes minor. In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 210–233. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934h. The southern and mountain dry-wood termites *Kalotermes hubbardi* and *Kalotermes marginipennis. In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 266–268. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934i. The desert damp-wood termite, *Paraneotermes simplicicornis. In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 311–313. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934j. The termite fauna of Mexico and its economic significance. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 334–339. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934k. The termite fauna of the Philippine Islands and its economic significance. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 347–350. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F. 1934l. A collection of termites from Arizona. Pan-Pacific Entomologist 10 (4): 159–160.
Light, S.F. 1935. The Templeton Crocker Expedition of the California Academy of Sciences, 1932. No. 20. The termites. Proceedings of the California Academy of Sciences (4) 21 (20): 233–256 + 1 pl.
Light, S.F. 1936. A tropical termite in California. Pan-Pacific Entomologist 12 (3): 125–126.
Light, S.F. 1937a. Contributions to the biology and taxonomy of *Kalotermes* (*Paraneotermes*) *simplicicornis* Banks (Isoptera). University of California Publications in Entomology 6 (16): 423–463.

Light, S.F. 1937b. A collection of termites from Ceylon and Java. Pan-Pacific Entomologist 13 (1–2): 15–24.
Light, S.F. 1942. The determination of the castes of social insects. Quarterly Review of Biology 17 (4): 312–326.
Light, S.F. 1943. The determination of the castes of social insects (concluded). Quarterly Review of Biology 18 (1): 46–63.
Light, S.F. 1944a. Parthenogenesis in termites of the genus *Zootermopsis*. University of California Publications in Zoölogy 43 (16): 405–412.
Light, S.F. 1944b. Experimental studies on ectohormonal control of the development of supplementary reproductives in the termite genus *Zootermopsis* [formerly *Termopsis*]. University of California Publications in Zoölogy 43 (17): 413–454.
Light, S.F. 1946. Isoptera of Guam. Bulletin of the Bernice Pauahi Bishop Museum 189: 9.
Light, S.F., and A.C. Davis. 1929. Two new species of *Coptotermes* Wasmann (Isoptera). Proceedings of the Royal Society of Victoria (n.s.) 42 (1): 62–70.
Light, S.F., and P.L. Illg. 1945. Rate and extent of development of neotenic reproductives in groups of nymphs of the termite genus *Zootermopsis*. University of California Publications in Zoölogy 53 (1): 1–39.
Light, S.F., and A.L. Pickens. 1934. American subterranean termites, their classification and distribution. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 150–156. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Light, S.F., and E.E. Sanford. 1928. Experimental transformation of termites. University of California Publications in Zoölogy 31 (12): 269–274.
Light, S.F., and F.M. Weesner. 1948. Biology of Arizona termites with emphasis on swarming. Pan-Pacific Entomologist 24 (2): 54–68.
Light, S.F., and F.M. Weesner. 1951. Further studies on the production of supplementary reproductives in *Zootermopsis* (Isoptera). Journal of Experimental Biology 117 (3): 397–411.
Light, S.F., and F.M. Weesner. 1955a. The incipient colony of *Tenuirostritermes tenuirostris* (Desneux). Insectes Sociaux 2 (2): 135–146.
Light, S.F., and F.M. Weesner. 1955b. The production and replacement of soldiers in incipient colonies of *Reticulitermes hesperus* Banks. Insectes Sociaux 2 (4): 347–354.
Light, S.F., and F.J. Wilson. 1936. The nasute termites of the Philippines. Philippine Journal of Science 60 (4): 461–520.
Light, S.F., and E.C. Zimmerman. 1936. Termites of southeastern Polynesia. Occasional Papers of the Bernice Pauahi Bishop Museum 12 (12): 1–12.
Lim, S.Y., and B.T. Forschler. 2012. *Reticulitermes nelsonae,* a new species of subterranean termite (Rhinotermitidae) from the southeastern United States. Insects 3: 62–90.
Lima, J.T., and A.M. Costa-Leonardo. 2006. Interspecific interactions between *Coptotermes gestroi* and *Heterotermes tenuis* (Isoptera: Rhinotermitidae) under laboratory conditions. Sociobiology 48 (3): 759–770.
Lima, M.M., T.T. Gonçalves, O. DeSouza, and R. Reis-Jr. 2006. Nesting site selection by *Coptotermes gestroi* (Insecta: Isoptera). Sociobiology 48 (3): 681–688.
Lima, R., D.S. Matheus, M.P. Pinto, S.S. Costa, J.C. Nabout, T.F.L.V.B. Rangel, T.L. De Melo, and I.O. De Moura. 2006. Associação de *Constrictotermes cyphergaster* (Isoptera: Termitidae) com espécies arbóreas de Cerrado Brasileiro. Neotropical Entomology 35 (1): 49–55.
Lin, R.-Z., J.-W. Jiang, X.-S. Huang, and Y.-B. Feng. 1994a. The fauna and geographic distribution of Isoptera in Guangxi. Guangxi Science 1 (4): 29–34. [in Chinese, with English summary]
Lin, R.[-Z.], J.[-W.] Jiang, and X.[-S.] Huang. 1994b. Termite species and distribution from Guangxi, China. Science and Technology of Termites 11 (2): 1–8. [in Chinese, with English summary]
Lin, R.-Z., Q.-J. You, J.-W. Jiang, Y.-B. Feng, and X.-S. Huang. 1996. Ecogeography of Isoptera in Guangxi region, China. Zoological Research 17 (1): 33–39. [in Chinese, with English summary]
Lin, S.-X. 1981. Descriptions of two new species of *Odontotermes* from China (Isoptera: Termitidae). Acta Zootaxonomica Sinica 6 (4): 425–427. [in Chinese, with English summary]
Lin, S.-X., and J.-X. Shi. 1982. On a new species of *Macrotermes* (Isoptera: Termitidae). Acta Zootaxonomica Sinica 7 (3): 317–320. [in Chinese, with English summary]
Linnaeus, C. (editor). 1758. Pandora insectorum, quam consent. experient. facult. medica in illustri ad salam Lycaeo sub praesidio viri nobilissimi atque experientissimi Dn. Doct. Caroli Linnaei. . . . E. O. Rydbeck, respondent [Rydbeck dissertation published by Linnaeus]. Upsaliae [Uppsala]: [not named], 31 pp. + 1 pl.

Linnaeus, C. 1758. Systema naturae per regna tria natura, secundum classes, ordines, genera, species, cum characteribus, differentiis synonymis, locis [10th ed. (revised), Vol. 1]. Holmiae [Stockholm]: Laurentii Salvii, 824 pp.

Linnaeus, C. 1761. Fauna svecica, sistens animalia sveciae regni: mammalia, aves, amphibia, pisces, insecta, vermes. Distributa per classes et ordines, genera et species, cum differentiis specierum, synonymis auctorum, nominibus incolarum, locis natalium, descriptionibus insectorum. Stockholmiae [Stockholm]: Laurentii Salvii, xlvii + 578 pp. + 2 pls.

Linné [Linnaeus], C., von. 1767. Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis synonymis, locis [12th ed. (revised), Vol. 1]. Vindobonae [Vienna]: Joannis Thomae, 1328 + xxxvi pp.

Linsley, E.G., and R.L. Usinger. 1966. Insects of the Galápagos Islands. Proceedings of the California Academy of Sciences 33 (7): 113–196.

Liu, X.-Y. 1997. Occur[re]nce and control of termites in ancient and valuable trees in Guangzhou. Natural Enemies of Insects 19 (4): 169–172. [in Chinese, with English summary]

Liu, Y., G. Henderson, L. Mao, and R.A. Laine. 2005a. Seasonal variation of juvenile hormone titers of the Formosan subterranean termite, *Coptotermes formosanus* (Rhinotermitidae). Environmental Entomology 34 (3): 557–562.

Liu, Y., G. Henderson, L. Mao, and R.A. Laine. 2005b. Effects of temperature and nutrition on juvenile hormone titers of *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 98 (5): 732–737.

Liu, Y.-Z., and T.-Y. Tang. 1994. The colony development and growth by substitute reproductives of *Reticuliterme* [sic] *chinensis*. Acta Entomologica Sinica 37 (1): 38–43.

Liu, Y.-Z., G.-Q. Tang, Y.-Z. Pang, L.-D. Chen, and Y.-Z. He. 1981. Observations on the construction of the unilocular young nest of *Odontotermes formosanus* (Shiraki). Acta Entomologica Sinica 24 (4): 361–366. [in Chinese, with English summary]

Liu, Y.-Z., S.-J. Tan, H.-J. Wei, J.-N. Sun, G.-Q. Tang, and S. Chen. 2002a. The developmental length for flight and inhibition from reproductives on individual differentiation of colony of *Reticulitermes chinensis* Snyder. Acta Entomologica Sinica 45 (3): 346–351. [in Chinese, with English title, abstract, and reference list]

Liu, Y.-Z., X.-F. Peng, G.-Q. Tang, and X.-T. Peng. 2002b. Development and differentiation of various castes in the immature stage of *Reticulitermes chinensis*. Acta Entomologica Sinica 45 (4): 487–493. [in Chinese, with English title and abstract]

Lo, N. 2003. Molecular phylogenetics of Dictyoptera: insights into the evolution of termite eusociality and bacterial endosymbiosis in cockroaches. Entomologische Abhandlungen 61 (2): 137–138.

Lo, N. 2009. Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae (Case 3385; BZN 64: 83–86, 185–187, 65: 47–49, 132–136). Bulletin of Zoological Nomenclature 66 (4): 347.

Lo, N., and P. Eggleton. 2010. Termite phylogenetics and co-cladogenesis with symbionts. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 27–50. Dordrecht: Springer, xiv + 576 pp.

Lo, N., G. Tokuda, H. Watanabe, H. Rose, M. Slaytor, K. Maekawa, C. Bandi, and H. Noda. 2000. Evidence from multiple gene sequences indicates that termites evolved from wood-feeding cockroaches. Current Biology 10: 801–804.

Lo, N., C. Bandi, H. Watanabe, C. Nalepa, and T. Beninati. 2003. Evidence for cocladogenesis between diverse Dictyopteran lineages and their intracellular endosymbiosis. Molecular Biology and Evolution 20 (6): 907–913.

Lo, N., O. Kitade, T. Miura, R. Constantino, and T. Matsumoto. 2004. Molecular phylogeny of the Rhinotermitidae. Insectes Sociaux 51 (4): 365–371.

Lo, N., R.H. Eldridge, and M. Lenz. 2006. Phylogeny of Australian *Coptotermes* (Isoptera: Rhinotermitidae) species inferred from mitochondrial COII sequences. Bulletin of Entomological Research 96 (4): 433–437.

Lo, N., M.S. Engel, S. Cameron, C.A. Nalepa, G. Tokuda, D. Grimaldi, O. Kitade, K. Krishna, K.-D. Klass, K. Maekawa, T. Miura, and G.J. Thompson. 2007. Save Isoptera: a comment on Inward et al., Biology Letters 3 (5): 562–563.

Lo, N., G. Tokuda, and H. Watanabe. 2010. Evolution and function of endogenous termite cellulases. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 51–67. Dordrecht: Springer, xiv + 576 pp.

Logan, J.W.M. 1994. Isoptera. *In* G.A. Matthews, and J.P. Tunstall (editors), Insects pests of cotton: 397–405. Wallingford, UK: CAB International, xii + 593 pp.

Lommen, S., A. van Huis, and A.S. Sajap. 2004. Caste biology and behaviour of *Bulbitermes sarawakensis* (Isoptera: Nasutitermitinae) in Malaysia. Proceedings of the Section Experimental and Applied Entomology of the Netherlands Entomological Society 15: 21–28.

Long, C.E. 2004. A rapid marking technique for *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 44 (1): 187–194.

Long, C.E., and B.L. Thorne. 2006. Resource fidelity, brood distribution and foraging dynamics in complete laboratory colonies of *Reticulitermes flavipes* (Isoptera Rhinotermitidae). Ethology Ecology and Evolution 18: 113–125.

Long, C.E., B.L. Thorne, and N.L. Breisch. 2003. Termite colony ontogeny: a long-term assessment of reproductive lifespan, caste ratios and colony size in *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Bulletin of Entomological Research 93: 439–445.

Long, C.E., E.L. Vargo, B.L. Thorne, and T.R. Juba. 2006. Genetic analysis of breeding structure in laboratory-reared colonies of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Florida Entomologist 89 (4): 521–523.

Long, C.E., B.L. Thorne, and N.L. Breisch. 2007. Termite colony ontogeny: supplemental data in the long-term assessment of reproductive lifespan, female neotenic production and colony size in *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Bulletin of Entomological Research 97: 321–325.

Long, Y., H. Xiang, L. Xei, X. Yan, M. Fan, and Q. Wang. 2009. Intra- and interspecific analysis of genetic diversity and phylogeny of termites (Isoptera) in East China detected by ISSR and COII markers. Sociobiology 53 (2B): 411–430.

Lopes, D.A., and M.C.C. Ruvolo-Takasusuki. 2010. Differentiation of Apicotermitinae (Isoptera: Termitidae) termite species through esterases. Sociobiology 55 (3): 805–813.

Lozzia, G.C. 1990. Indagine biometrica sulle popolazioni Italiane de *Reticulitermes lucifugus* Rossi (Isoptera Rhinotermitidae). Bollettino di Zoologia Agraria e di Bachicoltura 22 (2): 173–193.

Lu, B.-L. 1991. Fine structure of the digestive system of *Marginitermes hubbardi* (Banks). Acta Entomologica Sinica 34 (2): 155–158. [in Chinese, with English summary]

Lu, B.-L., and W.L. Nutting. 1992. The modified third antennal segment of drywood termite soldiers, structure and function (Isoptera, Kalotermitidae). Proceedings of the 19th International Congress of Entomology, Beijing 1992: 243. [abstract]

Lubin, Y.D. 1983. *Nasutitermes* (comején, hormiga blanca, nasute termite, arboreal termite). *In* D.H. Janzen (editor), Costa Rican natural history: 743–745. Chicago: University of Chicago Press, ix + 816 pp.

Lucas, P.H. 1849. Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842: sciences physiques, zoologie III: histoire naturelle des animaux articulés. Troisième partie. Insectes. Paris: Imprimerie Nationale, 527 pp.

Luchetti, A. 2005. Identification of a short interspersed repeat in the *Reticulitermes lucifugus* (Isoptera Rhinotermitidae) genome. DNA Sequence 16 (4): 304–307.

Luchetti, A., M. Trenta, B. Mantovani, and M. Marini. 2004. Taxonomy and phylogeny of north Mediterranean *Reticulitermes* termites (Isoptera: Rhinotermitidae): a new insight. Insectes Sociaux 51: 117–122.

Luchetti, A., S. Bergamaschi, M. Marini, and B. Mantovani. 2005a. Mitochondrial DNA analysis of native European Isoptera: a comparison between *Reticulitermes* (Rhinotermitidae) and *Kalotermes* (Kalotermitidae) colonies from Italy and Balkans. Redia 87 (3) [2004]: 149–153.

Luchetti, A., M. Marini, and B. Mantovani. 2005b. Mitochondrial evolutionary rate and speciation in termites: data on European *Reticulitermes* taxa (Isoptera, Rhinotermitidae). Insectes Sociaux 52: 218–221.

Luchetti, A., M. Marini, and B. Mantovani. 2006. Non-concerted evolution of the RET76 satellite DNA family in *Reticulitermes* taxa (Insecta, Isoptera). Genetica 128: 123–132.

Luchetti, A., M. Marini, and B. Mantovani. 2007. Filling the European gap: biosystematics of the eusocial system *Reticulitermes* (Isoptera, Rhinotermitidae) in the Balkanic Peninsula and Aegean area. Molecular Phylogenetics and Evolution 43: 377–383.

Luppova, A.N. 1953a. On the biology of the termite *Reticulitermes lucifugus* Rossi (Isoptera). Entomologicheskoe Obozrenie 33: 132–141. [in Russian]

Luppova, A.N. 1953b. Materials on the biology of the Turkestan termite *Anacanthotermes turkestanicus* Jacobs. (Isoptera) and its distribution in Turkmenia. Entomologicheskoe Obozrenie 33: 142–156. [in Russian]

Luppova, A.N. 1955. Data on the biology of the big Transcaspian termite *Anacanthotermes ahngerianus* Jacobs. and its distribution in Turkmenia (Isoptera, Hodotermitidae). Entomologicheskoe Obozrenie 34: 56–66. [in Russian]

Luppova, A.N. 1958. Termites of Turkmenistan. Trudy Instituta Zoologii i Parasitologii Akademii Nauk Turkmenskoi SSR 2: 81–144. [in Russian]

Luppova, A.N. 1962. Termites from Central Asia. *In* D.M. Steinberg and A.N. Luppova (editors), First all union conference for the study of the termites of U.S.S.R. and elaboration of their control measures: 17–27. Ashkabad, Turkmenistan: Academy of Sciences of Turkmenia, 116 pp. [in Russian]

Luppova, A.N. 1967. The study of Turkmenian termites and the prospect of their development. Izvestiya Akademii Nauk Turkmenskoi SSR, Seriya Biologicheskikh Nauk 1967: 101–105. [in Russian]

Luppova, A.N. 1968. The position regarding the study of the termites of the USSR, and the tasks involved. *In* A.N. Luppova (editor), Termites and control measures against them: proceedings of the 2nd all-union conference on the study of termites and their control: 22. Ashkhabad, Turkmenistan: Institute of Zoology of the Turkmen SSR, 224 pp. [in Russian]

Luppova, A.N. 1969. Termiten in der Turkmenischen SSR. Holz als Roh- und Werkstoff 27: 121. [abstract]

Luppova, A.N. 1971a. Control of termites: instructions of the anti-termite construction of dwellings, and industrial and other buildings, and on the control of termites in infested buildings. Ashkhabad, Turkmenistan: Izdat "Ylym," 36 pp. [in Russian]

Luppova, A.N. 1971b. Termites of the genus *Anacanthotermes* Jac. in Turkmenia. Proceedings 13th international congress of entomology, Moscow 1: 170–171. [in Russian]

Luppova, A.N. 1973. The place of the USSR termites in the world system of termites. *In* A.O. Tashliev, A.N. Luppova, and K. Cacaliev (editors), Study of termites and development of anti-termite measures: 13–24. Ashkhabad, Turkmenistan: Institute of Zoology, Akademiya Nauk Turkmenskoi SSR, 216 pp. [in Russian]

Luppova, A.N. 1976a. A new species of termites of the genus *Microcerotermes* Silvestri (Isoptera, Termitidae) from Turkmenia. Entomologicheskoe Obozrenie 55 (2): 347–349. [in Russian, with English summary]

Luppova, A.N. 1976b. A new termite species of the genus *Microcerotermes* Silvestri (Isoptera, Termitidae) from Turkmenia. Entomological Review, Washington 55 (2): 57–58. [translation of Luppova, 1976a]

Lüscher, M. 1949. Continuous observation of termites in laboratory cultures. Acta Tropica 6 (2): 161–165.

Lüscher, M. 1951a. Significance of 'fungus gardens' in termite nests. Nature 167: 34–36.

Lüscher, M. 1951b. Über die Determination der Ersatzgeschlechtstiere bei Termite *Kalotermes flavicollis* Fabr. Revue Suisse de Zoologie 58 (13): 404–408.

Lüscher, M. 1951c. Beobachtungen über die Koloniegründung bei verschiedenen afrikanischen Termitenarten. Acta Tropica 8 (1): 36–43.

Lüscher, M. 1952a. New evidence for an ectohormonal control of caste determination. Transactions of the Ninth International Congress of Entomology 1: 289–294.

Lüscher, M. 1952b. Untersuchungen über das individuelle Wachstum bei der Termite *Kalotermes flavicollis* Fabr. (ein Beitrag zum Kastenbildungsproblem). Biologisches Zentralblatt 71 (9–10): 529–543.

Lüscher, M. 1952c. Die Produktion und Elimination von Ersatzgeschlechtstieren bei der Termite *Kalotermes flavicollis* Fabr. Zeitschrift für Vergleichende Physiologie 34: 123–141.

Lüscher, M. 1953. The termite and the cell. Scientific American 188 (5): 74–78.

Lüscher, M. 1955. Der Sauerstoffverbrauch bei Termiten und die Ventilation des Nestes bei *Macrotermes natalensis* Haviland. Acta Tropica 12 (4): 289–307.

Lüscher, M. 1956a. Die entstehung von Ersatzgeschlechtstieren bei der Termite *Kalotermes flavicollis* Febr. Insectes Sociaux 3 (1): 119–128.

Lüscher, M. 1956b. Die Lufterneuerung im Nest der Termite *Macrotermes natalensis* (Haviland). Insectes Sociaux 3 (2): 273–276.

Lüscher, M. 1958a. Über die Entstehung der Soldaten bei Termiten. Revue Suisse de Zoologie 65 (20): 372–377.

Lüscher, M. 1958b. Ersatzgeschlechtstiere bei Termiten und die Beeinflussung ihrer Entstehung durch Corpora Allata. Verhandlungen der Deutschen Gesellschaft für Angewandte Entomologie e. V. 14: 144–150.

Lüscher, M. 1960a. Die Physiologie der Differenzierung der Kasten bei der Termite *Kalotermes flavicollis* (Fabr.). The ontogeny of insects: acta symposii de evolutione insectorum, Praha, 1959 1960: 161–166.

Lüscher, M. 1960b. Hormonal control of caste differentiation in termites. Annals of the New York Academy of Sciences 89 (3): 549–563.

Lüscher, M. 1961a. Air-conditioned termite nests. Scientific American 205 (1): 138–145.

Lüscher, M. 1961b. Social control of polymorphism in termites. *In* J.S. Kennedy (editor), Insect polymorphism: symposia of the Royal Entomological Society of London, no. 1: 57–67. London: Royal Entomological Society, 115 pp.

Lüscher, M. 1961c. Demonstration of a trail pheromone in termites. Symposia Genetica et Biologica Italica 11: 189–192.

Lüscher, M. 1963. Functions of the corpora allata in the development of termites. Proceedings 16th International Congress of Zoology, Washington, 1963 4: 244–250.

Lüscher, M. 1964. Die spezifische Wirkung männlicher und weiblicher Ersatzgeschlechtstiere auf die Entstehung von Ersatzgeschlechtstieren bei der Termite *Kalotermes flavicollis* (Fabr.). Insectes Sociaux 11 (1): 79–90.

Lüscher, M. 1969. Die Bedeutung des Juvenilhormone für die Differenzierung der Soldaten bei der Termite *Kalotermes flavicollis.* Proceedings of the Congress of the International Union for the Study of Social Insects, Bern 6: 165–170.

Lüscher, M. 1972. Environmental control of juvenile hormone (JH) secretion and caste differentiation in termites. General and Comparative Endocrinology Supplement 3: 509–514.

Lüscher, M. 1973. The influence of the composition of experimental groups on caste development in *Zootermopsis* (Isoptera). Proceedings of the Congress of the International Union for the Study of Social Insects, London 7: 253–256.

Lüscher, M. 1974. Die Kompetenz zur Soldatenbildung bei Larven (Pseudergaten) der Termite *Zootermopsis angusticollis.* Revue Suisse de Zoologie 81 (3): 710–714.

Lüscher, M. 1976. Evidence for an endocrine control of caste determination in higher termites. *In* M. Lüscher (editor), Phase and caste determination in insects, endocrine aspects: papers presented at a symposium of the section physiology and biochemistry of the 15th International Congress of Entomology, Washington, D.C., 1976: 91–103. Oxford: Pergamon Press, vii + 130 pp.

Lüscher, M., and P. Karlson. 1958. Experimentelle auslösung von Häutungen bei der Termite *Kalotermes flavicollis* (Fabr.). Journal of Insect Physiology 1: 341–345.

Lüscher, M., and A. Springhetti. 1960. Untersuchungen über die Bedeutung der Corpora Allata für die Differenzierung der Kasten bei der Termite *Kalotermes flavicollis* F. Journal of Insect Physiology 5: 190–212.

Lutz, H. 1987. Die Insekten Thanatocenose aus dem Mittel-Eozän der Grube Messel bei Darmstadt: erste Ergebnisse. Courier Forschungsinstitut Senckenberg 91: 189–201.

Luykx, P. 1981. A sex-linked esterase locus and translocation heterozygosity in a termite. Heredity 46 (3): 315–320.

Luykx, P. 1983. XO:XX sex chromosomes and Robertsonian variation in the autosomes of the wood-roach *Cryptocercus punctulatus* (Dictyoptera: Blattaria: Cryptocercidae). Annals of the Entomological Society of America 76 (3): 518–522.

Luykx, P. 1985. Genetic relations among castes in lower termites. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 17–25. Oxford: Pergamon Press, xiv + 405 pp.

Luykx, P. 1986. Termite colony dynamics as revealed by the sex- and caste-ratios of whole colonies of *Incisitermes schwarzi* Banks (Isoptera: Kalotermitidae). Insectes Sociaux 33 (3): 221–248.

Luykx, P. 1987. Variation in sex-linked interchange heterozygosity in the termite *Incisitermes schwarzi* Banks (Insecta: Isoptera) on the island of Jamaica. Genome 29 (2): 319–325.

Luykx, P. 1990. A cytogenetic survey of 25 species of lower termites from Australia. Genome 33 (1): 80–88.

Luykx, P. 1993a. Turnover in termite colonies: a genetic study of colonies of *Incisitermes schwarzi* headed by replacement reproductives. Insectes Sociaux 40 (2): 191–205.

Luykx, P. 1993b. Allozyme markers and formal Mendelian genetics of the termite *Incisitermes schwarzi* (Isoptera: Kalotermitidae). Sociobiology 21 (2): 185–192.

Luykx, P., and R.M. Syren. 1979. The cytogenetics of *Incisitermes schwarzi* and other Florida termites. Sociobiology 4 (2): 191–209.

Luykx, P., and R.M. Syren. 1981a. Experimental hybridization between chromosomal races in *Kalotermes approximatus,* a termite with extensive sex-linked translocation heterozygosity. Chromosoma (Berlin) 83 (4): 563–573.

Luykx, P., and R.M. Syren. 1981b. Multiple sex-linked reciprocal translocations in a termite from Jamaica. Experientia (Basel) 37 (8): 819–820.

Luykx, P., J. Michel, and J. Luykx. 1986a. The spatial distribution of the sexes in colonies of the termite *Incisitermes schwarzi* Banks (Isoptera: Kalotermitidae). Insectes Sociaux 33 (4): 406–421.

Luykx, P., J. Michel, and J. Luykx. 1986b. Spatial distribution of castes within colonies of the termite *Incisitermes schwarzi.* Psyche (Cambridge) 93 (3–4): 351–362.

Luykx, P., D.A. Nickle, and B.I. Crother. 1990. A morphological, allozymic, and karyotypic assessment of the phylogeny of some lower termites (Isoptera: Kalotermitidae). Proceedings of the Entomological Society of Washington 92 (3): 385–399.

Lys, J.[-]A., and R.H. Leuthold. 1987. Caste polyethism during the process of food acquisition in the termite *Macrotermes bellicosus* (Smeathman). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 116–117. Munich: J. Peperny, xxxv + 16 + 757 pp.

Lys, J.-A., and R.H. Leuthold. 1991. Task-specific distribution of the two worker castes in extranidal activities in *Macrotermes bellicosus* (Smeathman): observation of behaviour during food acquisition. Insectes Sociaux 38: 161–170.

MacFarlane, J. 1983. Observations on trail pheromone, trail laying and longevity of natural trails in the termite, *Macrotermes michaelseni*. Insect Science and Its Application 4 (4): 309–318.

Machado, A.D.B. 1959. Le concept d'espèce éthologique et son application prématurée à la systematique des termite *Apicotermes*. Proceedings of the International Congress of Zoology 15 [1958]: 205–207.

Machado, A.D.B. 1982a. Termite remains in some bauxites. Eleventh International Seminar on Lateritisation Processes 1982: 251–254.

Machado, A.D.B. 1982b. The contribution of termites to the formation of laterite. Eleventh International Seminar on Lateritisation Processes 1982: 261–270.

Machida, M., T. Miura, O. Kitade, and T. Matsumoto. 2001a. Sexual polyethism of founding reproductives in incipient colonies of the Japanese damp-wood termite *Hodotermopsis japonica* (Isoptera: Termopsidae). Sociobiology 38 (3A): 501–512.

Machida, M., O. Kitade, T. Miura, and T. Matsumoto. 2001b. Nitrogen recycling through proctodeal trophallaxis in the Japanese damp-wood termite *Hodotermopsis japonica* (Isoptera, Termopsidae). Insectes Sociaux 48: 52–56.

MacKay, W.P., and W.G. Whitford. 1988. Spatial variability of termite gallery production in Chihuahuan desert plant communities. Sociobiology 14 (1): 281–289.

MacKay, W.P., J.H. Blizzard, J.J. Miller, and W.G. Whitford. 1985. Analysis of above-ground gallery construction by the subterranean termite *Gnathamitermes tubiformans* (Isoptera: Termitidae). Environmental Entomology 14 (4): 470–474.

MacKay, W.P., J.C. Zak, S. Silva, and W.G. Whitford. 1988. *Gnathamitermes tubiformans* (Isoptera: Termitidae), espècie clave en el desierto Chihuahuense. Folia Entomológica Mexicana 73 [1987]: 29–46.

Maekawa, K., and T. Matsumoto. 2000. Molecular phylogeny of cockroaches (Blattaria) based on mitochondrial COII gene sequences. Systematic Entomology 25: 511–519.

Maekawa, K., T. Miura, O. Kitade, and T. Matsumoto. 1998. Genetic variation and molecular phylogeny based on the mitochrondrial genes of the damp wood termite *Hodotermopsis japonica* (Isoptera: Termopsidae). Entomological Science 1 (4): 561–567.

Maekawa, K., Y.C. Park, and N. Lo. 2005. Phylogeny of endosymbiont bacteria harbored by the woodroach *Cryptocercus* spp. (Cryptocercidae: Blattaria): molecular clock evidence for a late Cretaceous–early Tertiary split of Asian and American lineages. Molecular Phylogenetics and Evolution 36: 728–733.

Maekawa, K., S. Mizuno, S. Koshikawa, and T. Miura. 2008. Compound eye development during caste differentiation in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Zoological Science (Tokyo) 25: 699–705.

Maes, J.-M. 1990. Catalogo de los Isoptera de Nicaragua. Revista Nicaraguense de Entomologia 13: 13–20.

Maes, J.-M. 1992a. Fauna entomologica del Departamento de Zelaya, Nicaragua (secunda nota). Revista Nicaraguense de Entomologia 19: 29–41.

Maes, J.-M. 1992b. Fauna entomologica del Departamento de Rio San Juan, Nicaragua. Revista Nicaraguense de Entomologia 20: 29–33.

Maeterlinck, M. 1939. The life of the white ant. 2nd ed. New York: Dodd, Mead, and Company, xvii + 142 pp.

Maistrello, L., and G. Sbrenna. 1996. Frequency of some behavioural patterns in colonies of *Kalotermes flavicollis* (Isoptera Kalotermitidae): the importance of social interactions and vibratory movements as mechanisms for social integration. Ethology Ecology and Evolution 8: 365–375.

Maistrello, L., and G. Sbrenna. 1998. Behavioral profiles in laboratory colonies of *Kalotermes flavicollis* (Isoptera: Kalotermitidae) with different social environments. Sociobiology 31 (1): 91–104.

Maistrello, L., and G. Sbrenna. 1999. Behavioural differences between male and female replacement reproductives in *Kalotermes flavicollis* (Isoptera, Kalotermitidae). Insectes Sociaux 46 (2): 186–191.

Maiti, P.K. 1975. Two new species of termites (Isoptera) from West Bengal, India. Oriental Insects 9 (2): 139–148.
Maiti, P.K. 1976. A new species of termite of the genus *Glyptotermes* Froggatt (Isoptera: Kalotermitidae) from India. Proceedings of the Zoological Society (Calcutta) 27 (2) [1974]: 117–122.
Maiti, P.K. 1977. The geographical origin, dispersion and evolution of termites (Isoptera) of the Andaman and Nicobar Islands, Indian Ocean. Abstracts of the Second Oriental Entomological Symposium (Madras, March, 1977) 1977: 54. [abstract]
Maiti, P.K. 1979a. First record of the genus *Bulbitermes* Emerson (Termitidae: Nasutitermitinae) from India, with the description of a new species. Proceedings of the Zoological Society (Calcutta) 30 (1–2) [1977]: 25–29.
Maiti, P.K. 1979b. The composition and geographical origin of the termites (Isoptera) of the Great Nicobar Island, Indian Ocean. Proceedings of the Zoological Society (Calcutta) 30 (1–2) [1977]: 131–135.
Maiti, P.K. 1981. Faunal zones and bioecological notes on the soil-inhabiting termites (Isoptera) of West Bengal, India. *In* G.K. Veeresh (editor), Progress in soil biology and ecology in India: 265. Bangalore, India: University of Agricultural Science, xi + 351 pp.
Maiti, P.K. 1983. Termite fauna (Isoptera) of West Bengal, India, their recognition, biology and ecology. Records of the Zoological Survey of India, Occasional Paper 42: i–iv + 1–152 + 4 pls.
Maiti, P.K. 1991. Isoptera. *In* Director, Zoological Survey of India (editor), Animal resources of India, Protozoa to Mammalia: state of the art: 301–307. Calcutta: Zoological Survey of India, xxvii + 694 pp.
Maiti, P.K. 2006. A taxonomic monograph on the world species of termites of the family Rhinotermitidae (Isoptera: Insecta). Memoirs of the Zoological Survey of India 20 (4): 1–272.
Maiti, P.K., and S.K. Chakraborty. 1981. Two new termites of genus *Glyptotermes* (Kalotermitidae) from the Great Nicobar Island, Indian Ocean. Bulletin of the Zoological Survey of India 4 (1): 71–84.
Maiti, P.K., and S.K. Chakraborty. 1994. Termite fauna (Isoptera) of the Andaman and Nicobar Islands, Indian Ocean. Records of the Zoological Survey of India, Occasional Paper 167: 1–107.
Maiti, P.K., and D.K. Mandal. 1977. Some highlights on the entomological exploration of the Great Nicobar Island, Indian Ocean. Newsletter, Zoological Survey of India 3: 66–68.
Maiti, P.K., and N. Saha. 1993. Fauna of West Bengal, Part 4. Insecta: Isoptera. Zoological Survey of India State Fauna Series 3: 511–523.
Maiti, P.[K.], and N. Saha. 1997. Fauna of Delhi: Isoptera. Zoological Survey of India State Fauna Series 6: 207–213.
Maiti, P.K., and N. Saha. 1998. Isoptera. *In* J.R.B. Alfred, A.K. Das, and A.K. Sanyal (editors), Faunal diversity in India: a commemorative volume in the 50th year of India's independence: 219–228. Calcutta: Zoological Survey of India, viii + 495 pp.
Maiti, P.K., and N. Saha. 2000. Description of two new species of termites (Isoptera: Insecta) from Assam, India. Records of the Zoological Survey of India 98 (4): 89–97.
Maiti, P.K., A.R. Lahiri, N. Saha, and P.H. Roy. 1995. Fauna of Meghalaya, Part 3. Insecta: Isoptera (termite). Zoological Survey of India State Fauna Series 4: 431–455.
Maiti, P.K., N. Saha, and P.H. Roy. 2000. Insecta: Isoptera. Zoological Survey of India State Fauna Series (Fauna of Tripura) 7 (2): 295–308.
Maiti, P.K., N. Saha, P.H. Roy, and A. Sar. 2003. Fauna of Sikkim: Insecta: Isoptera. Zoological Survey of India State Fauna Series 9 (2): 239–249.
Maiti, P.K., N. Saha, and P.[H.] Roy. 2004. Fauna of Manipur: Insecta: Isoptera. Zoological Survey of India State Fauna Series 10 (2): 153–164.
Mait[i], P.K., N. Saha, and P.H. Roy. 2007. Fauna of Mizoram: Insecta: Isoptera. Zoological Survey of India State Fauna Series 14: 241–248.
Maki, K., and T. Abe. 1986. Proportion of soldiers in the colonies of a dry wood termite, *Neotermes koshunensis* (Kalotermitidae, Isoptera). Physiology and Ecology (Japan) 23: 109–117.
Maki, K., I. Uezu, and T. Abe. 1982. An unrecorded termite, *Procapritermes* sp. from Iriomote-jima, the Ryukyu Islands. Biological Magazine, Okinawa 20: 31. [in Japanese, with English title]
Maki, M. 1919. Taiwanese white ants which destroy rice plants. Konchu Sekai (Insect World) 23 (12): 435–439. [in Japanese]
Malaisse, F., and M. Buhendwa. 1982. Ecologie de *Microcerotermes bequaertianus* (Sjõstedt) (Isoptera, Termitidae, Amitermitinae) dans les environs de Lubumbashi (Shaba–Zaire). Geo-Eco-Trop 6 (3): 201–217.
Malaka, S.L.O. 1980a. The reaction of *Amitermes evuncifer* Silvestri (Isoptera, Termitidae, Amitermitinae) towards the bodies of different insect species and the extracts. Journal of Natural History 14: 339–350.

Malaka, S.L.O. 1980b. Foraging behaviour of *Amitermes evuncifer* Silvestri (Isoptera, Termitidae, Amitermitinae). Journal of Natural History 14: 351–361.

Malaka, S.L.O. 1986. Carbohydrases in the alimentary canal of *Amitermes evuncifer* Silvestri (Isoptera: Termitidae: Termitinae). Insect Science and Its Application 7 (5): 683–685.

Malaka, S.L.O. 1987. Establishment of foraging trail and qualification of trail pheromone by *Amitermes evuncifer* Silvestri (Isoptera; Termitidae; Termitinae). Insect Science and Its Application 8 (3): 343–350.

Malaka, S.L.O., and R.H. Leuthold. 1986. Mechanisms of recruitment for the retrieval of food in *Amitrmes evuncifer* Silvestri (Isoptera: Termitidae: Termitinae). Insect Science and Its Application 7 (6): 707–721.

Malfatti, G. 1881. Bibliografia degli insetti fossili Italiani finora conosciuti. Atti della Società Italiana di Scienze Naturali 24: 89–100.

Mampe, C.D. 1990. Termites. *In* A. Mallis (editor), Handbook of pest control: the behavior, life history and control of household pests: 201–262. Cleveland: Franzak and Foster Co., 1152 pp.

Mampouya, D., G. Fleck, and A. Nel. 1997. Presence in western Africa of the genus *Eremotermes* (Isoptera: Termitidae). Description of a new species from Senegal with some ecological data. Annales de la Société Entomologique de France (n.s.) 33 (1): 39–46.

Mankin, R.W., W.L. Osbrink, F.M. Oi, and J.B. Anderson. 2002. Acoustic detection of termite infestation in urban trees. Journal of Economic Entomology 95 (5): 981–988.

Mannesmann, R. 1977. Untersuchungen des Glucose-Stoffwechsels von Gärkammerbakterien der Termite *Nasutitermes nigriceps* (Haldemann). Zeitschrift für Angewandte Entomologie 83: 1–10.

Mannesmann, R., von, and B. Piechowski. 1989. Verteilungmuster von Gärkammerbakterian einiger Termitenarten. Material und Organismen 24 (3): 161–177.

Mantovani, B., A. Luchetti, and M. Marini. 2005. Le termiti eusociali del genere *Reticulitermes* (Isoptera, Rhinotermitidae) rilevanza dei marcatori mitocondriali e del DNA satellite per la tassonomia, filogenesi e speciazione del taxa Europei. Atti dell' Accademia Nazionale Italiana di Entomologia Rendiconti 52: 153–170.

Manzoor, F. 2010. Morphometric analysis of population samples of soldier caste of *Odontotermes takensis* Ahmad (Isoptera: Termitidae: Macrotermitinae). Pakistan Journal of Zoology 42 (1): 37–40.

Manzoor, F., and M.S. Akhtar. 2003a. Morphometric variations in the termite *Odontotermes guptai* Roonwal and Bose. Punjab University Journal of Zoology 18: 91–115.

Manzoor, F., and M.S. Akhtar. 2003b. Morphometric variations in the termite *Odontotermes horai* Roonwal and Chhotani. Punjab University Journal of Zoology 18: 127–146.

Manzoor, F., and M.S. Akhtar. 2005a. Three new species of termite from Malaysia (Isoptera: Termitidae). Serangga 10 (1–2): 73–82.

Manzoor, F., and M.S. Akhtar. 2005b. A detailed morphometric study of new termite species *Odontotermes prewensis* n. sp. (Isoptera: Termitidae) from Thailand. Serangga 10 (1–2): 83–92.

Manzoor, F., and M.S. Akhtar. 2006a. Morphometric analysis of population samples of soldier caste of *Odontotermes obesus* (Rambur) (Isoptera, Termitidae, Macrotermitinae). Animal Biodiversity and Conservation 29 (2): 91–107.

Manzoor, F., and M.S. Akhtar. 2006b. A new species of termite from Thailand. Biologia 52 (1): 9–13.

Mao, L., and G. Henderson. 2006. Ultrastructure of the head and mouthparts of *Coptotermes formosanus* presoldier and soldier. Sociobiology 48 (3): 649–659.

Mao, L., and G. Henderson. 2007. A case for a free-running circannual rhythm in soldier developmental time of Formosan subterranean termites. Insectes Sociaux 54: 388–392.

Mao, L., G. Henderson, and R.A. Laine. 2005a. Formosan subterranean termite (Isoptera: Rhinotermitidae) frontal gland secretion and their fatty acid constituent activity on termites and red imported fire ants (Hymenoptera: Formicidae). Sociobiology 46 (1): 141–154.

Mao, L., G. Henderson, Y. Liu, and R.A. Laine. 2005b. Formosan subterranean termite (Isoptera: Rhinotermitidae) soldiers regulate juvenile hormone levels and caste differentiation in workers. Annals of the Entomological Society of America 98 (3): 340–345.

Marais, E.N. 1937. The soul of the white ant. London: Methuen, xv + 184 pp.

Marcel, N., P. Lefeuve, and C. Bordereau. 1991. Recherche de nourriture et recruitement chez le termite Africain *Nasutitermes lujae* (Wasmann). Actes des Colloques Insectes Sociaux 7: 145–151.

March, A.W. 1931. A nest of *Macrotermes barneyi* Light. Lingnan Science Journal 10 (4): 495–496.

March, A.W. 1933. Observations on termites of east China. Lingnan Science Journal 12 (suppl.): 157–163 + 1 pl.

Margabandhu, V. 1934. An annotated list of Indo-Ceylonese termites. Journal of the Bombay Natural History Society 37 (3): 700–714.

Margabandhu, V. 1935. An annotated list of Indo-Ceylonese termites. [Additions.] Journal of the Bombay Natural History Society 38 (1): 208–209.

Margulis, L., and K.V. Schwartz. 1988. Five kingdoms: an illustrated guide to the phyla of life on earth. San Francisco: W.H. Freeman and Company, 376 pp.

Mariconi, F.A.M., Z.C. Maranhão, and A.R. Monteiro. 1965. Contribuição para o conhecimento de duas espécies de cupim do Vale do Paraíba (Estado de São Paulo). Anais da Escola Superior de Agricultura Luis de Queiroz 22: 233–245.

Marini, M., and R. Ferrari. 1998. A population survey of the Italian subterranean termite *Reticulitermes lucifugus lucifugus* Rossi in Bagnacavallo (Ravenna, Italy), using the triple mark recapture technique (TMR). Zoological Science (Tokyo) 15: 963–969.

Marini, M., and B. Mantovani. 2002. Molecular relationships among European samples of *Reticulitermes* (Isoptera, Rhinotermitidae). Molecular Phylogenetics and Evolution 22 (3): 454–459.

Marks, E.P., and F.A. Lawson. 1962. A comparative study of the dictyopteran ovipositor. Journal of Morphology 111 (2): 139–171.

Marlatt, C.L. 1908. The white ant (*Termes flavipes* Koll.). United States Department of Agriculture, Circular 2: 1–8.

Martegani, M.M., and G.J. Torales. 1994. Aportes al conocimiento del tubo digestivo de obreras del genera *Nasutitermes* (Isoptera: Termitidae). Revista de la Sociedad Entomológica Argentina 53 (1–4): 9–20.

Marten, A., M. Kaib, and R. Brandl. 2009. Cuticular hydrocarbon phenotypes do not indicate cryptic species in fungus-growing termites (Isoptera: Macrotermitinae). Journal of Chemical Ecology 35: 572–579.

Martin, M.M., and J.S. Martin. 1978. Cellulose digestion in the midgut of the fungus-growing termite *Macrotermes natalensis*: the role of acquired digestive enzymes. Science 199: 1453–1455.

Martin, M.M., and J.S. Martin. 1979. The distribution and origins of the cellulolytic enzymes of the higher termite, *Macrotermes natalensis.* Physiological Zoology 52 (1): 11–21.

Martinelli, M., and G. Sbrenna 1994. The electrophoretic mobilities of total protein systems in different castes of four termite species. Ethology Ecology and Evolution, Special Issue 3: 25–30.

Martínez, J.B. 1956. Los termites en España: biologia, daños y métodos para combatirlos. Montes (Madrid) 12: 102–117.

Martinez, S. 1982. Catalogo sistematica de los insectos fosiles de America del Sur. Revista de la Facultad de Humanidades y Ciencias. Serie Ciencias de la Tierra 1 (2): 29–83.

Martínez-Delclòs, X., and J. Martinell. 1995. The oldest known record of social insects. Journal of Paleontology 69 (3): 594–599.

Martins, C., L.R. Fontes and O.C. Bueno. 2010. *Coptotermes gestroi* (Isoptera, Rhinotermitidae) in Brazil: possible origins inferred by mitochondrial cytochrome oxidase II gene sequences. Genome 53 (9): 651–657.

Martins, V.G. 1999. Karyotype evolution in the Termitidae (Isoptera). Sociobiology 34 (3): 395–405.

Martins, V.G., and A. Mesa. 1995. Two permanent linear chains of sex chromosomes in *Neotermes fulvescens* and karyotypes of two other Neotropical Kalotermitidae species (Insecta, Isoptera). Genome 38 (5): 958–967.

Martins-Neto, R.G. 1999. Estado actual del conocimiento de la paleoentomofauna Brasileña. Revista de la Sociedad Entomológica Argentina 58 (1–2): 71–85.

Martins-Neto, R.G., and M. Pesenti. 2006. The first fossil Termitidae (Isoptera) from the Oligocene of South America: the Entre-Córregos Formation of the Aiuruoca Basin, Minas Gerais, Brazil. Journal of the Entomological Research Society 8 (3): 63–68.

Martins-Neto, R.G., C. Ribeiro-Júnior, and F. Prezoto. 2006. New fossils (Isoptera: Hodotermitidae), from the Santana Formation (Lower Cretaceous, Araripe Basin, Northeast Brazil), with descriptions of new taxa including a new subfamily. Sociobiology 47 (1): 125–134.

Martius, C. 1987. The adaptation of termites (*Nasutitermes* sp.—Termitidae, Nasutitermitinae) to Amazonian inundation forests. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 609–610. Munich: J. Peperny, xxxv + 16 + 757 pp.

Martius, C. 1994. Diversity and ecology of termites in Amazonian forests. Pedobiologia 38 (5): 407–428.

Martius, C. 1997. The termites. *In* W.J. Junk (editor), The Central Amazon floodplain: ecology of a pulsing system. Vol. 126: 361–371. Berlin: Springer, xxiii + 525 pp.

Martius, C. 1998. Occurrence, body mass and biomass of *Syntermes* spp. (Isoptera: Termitidae) in Reserva Ducke, Central Amazonia. Acta Amazonica 28 (3): 319–324.

Martius, C. 2001a. Observation of alate swarming and colony foundation in *Syntermes spinosus* (Isoptera: Termitidae) in Amazonia. Sociobiology 37 (3B): 585–591.

Martius, C. 2001b. Nest architecture of *Nasutitermes* termites in a white water floodplain forest in central Amazonia, and a field key to species (Isoptera, Termitidae). Andrias 15: 163–171.

Martius, C., and J.d'A. Ribeiro. 1996. Colony populations and biomass in nests of the Amazonian forest termite *Anoplotermes banksi* Emerson (Isoptera: Termitidae). Studies on Neotropical Fauna and Environment 31 (2): 82–86.

Martius, C., and M. Weller. 1998. Observations on dynamics of foraging hole construction of two leaf-feeding, soil-inhabiting *Syntermes* species (Insecta: Isoptera) in an Amazonian rainforest, Brazil. Acta Amazonica 28 (3): 325–330.

Martius, C., R. Wassmann, U. Thein, A. Bandeira, H. Rennenberg, W. Junk, and W. Seiler. 1993. Methane emission from wood-feeding termites in Amazonia. Chemosphere 26 (1–4): 623–632.

Martius, C., A.G. Bandeira, and L.G.S. Medeiros. 1996a. Variation in termite alate swarming in rainforests of central Amazonia. Ecotropica 2 (1): 1–11.

Martius, C., P.M. Fearnside, A.G. Bandeira, and R. Wassmann. 1996b. Deforestation and methane release from termites in Amazonia. Chemosphere 33 (3): 517–536.

Martius, C., W.A.F. Tabosa, A.G. Bandeira, and W. Amelung. 1999. Richness of termite genera in a semi-arid region (Sertão) in NE Brazil (Isoptera). Sociobiology 33 (3): 357–365.

Martius, C., W. Amelung, and M.V.B. Garcia. 2000. The Amazonian forest termite (Isoptera: Termitidae) (*Constrictotermes cavifrons*) feeds on microepiphytes. Sociobiology 35 (3): 379–383.

Martorell, L.F. 1945. A survey of the forest insects of Puerto Rico, Parts 1 and 2. Journal of Agriculture of the University of Puerto Rico 29 (3–4): 69–354; 355–608.

Martorell, L.F. 1974. *Glyptotermes liberatus* (Snyder) (Isoptera: Kalotermitidae). A new termite record for Puerto Rico. Journal of Agriculture of the University of Puerto Rico 57: 355–356.

Martorell, L.F., and J.C. Garcia-Tuduri. 1971. New locality and host plant records for two species of *Nasutitermes* (Isoptera: Termitidae). Journal of Agriculture of the University of Puerto Rico 55: 135–137.

Martynov, A.V. 1929. Fossil insects from Tertiary deposits in Ashutas, Saisan District. Trudy Geologicheskogo Muzeya, Akademii Nauk SSSR 5: 173–216. [in Russian]

Martynov, A.V. 1937. Wings of termites and phylogeny of Isoptera and of allied groups of insects. *In* V.L. Komarov (editor), À l'académicien N.V. Nassonov pour le quatre-vingtième anniversaire de sa naissance et le soixantième anniversaire de son activité scientifique: 83–150. Moscow: Académie des Sciences de l'URSS, 672 pp. + 10 pls. [in Russian, with English summary]

Martynov, A.V. 1938. Studies in the geological history and phylogeny of the insect orders (Pterygota), Part I. Paleoptera and Neoptera–Polyneoptera. Trudy Paleontologicheskogo Instituta. Akademiya Nauk SSSR 7 (4): 1–149. [in Russian, with French summary]

Martynova, O.M. 1961. Palaeoentomology. Annual Review of Entomology 6: 285–294.

Martynova, O.M. 1962. Isoptera. *In* B.B. Rohdendorf (editor), Fundamentals of paleontology: a manual for paleontologists and geologists. Vol. 9: 112–113. Moscow: Akademiya Nauk SSSR, 560 pp. [in Russian]

Martynova, O.M. 1991. Order Isoptera. Termites. *In* B.B. Rohdendorf (editor), Fundamentals of paleontology: Arthropoda, Tracheata, Chelicerata. Vol. 9: 139–142. New Delhi: Amerind Publishing Company, xxxi + 894 pp. [English translation of Martynova, 1962]

Maschwitz, U., and Y.-P. Tho. 1974. Chinone als Wehrsubstanzen bei einigen Orientalische Macrotermitinen. Insectes Sociaux 21 (3): 231–234.

Maschwitz, U., R. Jander, and D. Burkhardt. 1972. Wehrsubstanzen und Wehrverhalten der termite *Macrotermes carbonarius.* Journal of Insect Physiology 18: 1715–1720.

Massalongo, B.A. 1856. Prodromo di un'entomologia fossile del M. Bolca. Verona: Studii Paleontologici, G. Antonelli, 55 pp. + 7 pls.

Mathews, A.G.A. 1977. Studies on Termites from the Mato Grosso State, Brazil. Rio de Janeiro: Academia Brasileira de Ciências, 267 pp.

Mathot, G. 1964a. Description d'une nouvelle espèce de *Cubitermes* du Congo (Isoptera, Termitinae). *Cubitermes exiguus* n. sp. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université

Lovanium, Léopoldville, 11–15 Mai 1964 sous les auspices de l'UNESCO: 15–21. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Mathot, G. 1964b. Étude statistique des variations dans trois espèce d'*Apicotermes.* Variations des coxas et des gulas chez ses trois espèce. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–15 Mai 1964 sous les auspices de l'UNESCO: 23–53. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Mathot, G. 1964c. Rythme de nutrition chez *Cubitermes exiguus* Mathot (Isoptera, Termitinae). *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–15 Mai 1964 sous les auspices de l'UNESCO: 263–271. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Mathot, G. 1970. Bibliographie sélective de la zoologie systématique et faunistique de l'Afrique au sud du Sahara. Zooleo (Kinshasa) 3: 1–289 + [11].

Mathot, G. 1974. Liste des spécimens typiques de termites conservés dans les collections du Musée Royal de l'Afrique Centrale (Tervuren, Belgique) (Insecta: Isoptera). Documentation Zoologique, Musée Royal de l'Afrique Centrale 18: 1–30.

Mathot, G. 1978. Liste du matériel typique conservé dans les collections entomologiques de l'Institut Royal des Sciences Naturelles de Belgique. Isoptera. Revue Verviétoise d'Histoire Naturelle 35 (10–12): 50–60.

Mathot, G. 1979. Liste du matériel typique conservé dans les collections entomologiques de l'Institut Royal des Sciences Naturelles de Belgique. Isoptera. Revue Verviétoise d'Histoire Naturelle 36 (1–3): 9–20.

Mathur, R.N. 1962. Enemies of termites (white ants). *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 137–139. Paris: UNESCO, 259 pp.

Mathur, R.N., and O.B. Chhotani. 1959. Revision of *Stylotermes* Holmgren and Holmgren (Isoptera: Rhinotermitidae: Stylotermitinae). Zoologischer Anzeiger 163 (1–2): 40–53.

Mathur, R.N., and O.B. Chhotani. 1960. Three queens in mounds of *Odontotermes wallonensis* (Wasmann) (Termitidae, Isoptera). Indian Forester 86 (10): 623–624.

Mathur, R.N., and O.B. Chhotani. 1969. Two new termites of the genera *Coptotermes* Wasmann and *Heterotermes* Froggatt (Rhinotermitidae) from India. *Journal* of the Timber Development Association of India 15 (4): 1–10.

Mathur, R.N., and P.K. Sen-Sarma. 1958a. Hitherto unknown imago caste of the species of *Globitermes, Microcerotermes* and *Odontotermes* from Indo-Malayan region (Isoptera: Termitidae). Indian Forest Bulletin *(*n.s.*)* 219: 1–9 + 3 pls.

Mathur, R.N., and P.K. Sen-Sarma. 1958b. A new species of *Anacanthotermes* from South India (Insecta: Isoptera: Hodotermitidae). Entomologist 91 (1146): 233–241.

Mathur, R.N., and P.K. Sen-Sarma. 1959a. Notes on the habits and biology of Dehra Dun termites (Part I). Journal of the Timber Dryers' and Preservers' Association of India, Dehra Dun 5 (3): 3–9 + 2 pls.

Mathur, R.N., and P.K. Sen-Sarma. 1959b. Two new termites *Emersonitermes thekadensis* gen. et sp. nov. and *Trinervitermes nigrirostris* sp. nov. from India (Insecta: Isoptera). Zeitschrift für Angewandte Entomologie 45 (1): 66–78.

Mathur, R.N., and P.K. Sen-Sarma. 1960a. *Glyptotermes nigrifrons* sp. n. from South India (Insecta: Isoptera: Kalotermitidae). Entomologist 93: 79–85.

Mathur, R.N., and P.K. Sen-Sarma. 1960b. Notes on the habits and biology of Dehra Dun termites (Part 2). Journal of the Timber Dryers' and Preservers' Association of India, Dehra Dun 6 (2): 23–27 + 1 pl.

Mathur, R.N., and P.K. Sen-Sarma. 196la. A new species of *Angulitermes* from South India (Insecta: Isoptera: Termitidae: Termitinae). Annals and Magazine of Natural History (13) 3 [1960]: 401–406.

Mathur, R.N., and P.K. Sen-Sarma. 1961b. *Capritermes orientalis,* a new species from Burma. Bulletin of Entomology (Madras) 2: 1–4.

Mathur, R.N., and P.K. Sen-Sarma. 1962a. Notes on the habits and biology of Dehra Dun termites (Part 3). Journal of the Timber Dryers' and Preservers' Association of India, Dehra Dun 8 (1): 1–18.

Mathur, R.N., and P.K. Sen-Sarma. 1962b. Imago caste of *Odontotermes assmuthi* (Holmgren) [Isoptera: Termitidae]. Bulletin of Entomology (Madras) 3: 7–12.

Mathur, R.N., and R.S. Thapa. 1961. *Pseudocapritermes fontanellus* sp. nov. from South India. Journal of the Timber Dryers' and Preservers' Association of India, Dehra Dun 7 (3): 3–7.

Mathur, R.N., and R.S. Thapa. 1962a. A revised catalogue of Isoptera (white ants) of the Entomological Reference Collection at the Forest Research Institute, Dehra Dun. Indian Forest Leaflet (Entomology) 167: 1–122; errata, 1–9, issued 1963.

Mathur, R.N., and R.S. Thapa. 1962b. A new genus of Nasutitermitinae from India (Isoptera, Termitidae). Indian Forester 88 (1): 49–52.

Mathur, R.N., and R.S. Thapa. 1962c. *Microcapritermes* gen. n. from India (Isoptera: Termitidae: Termitinae). Indian Forester 88 (5): 370–375.

Mathur, R.N., and R.S. Thapa. 1963a. A new species of *Stylotermes* (Isoptera: Rhinotermitidae, Stylotermitinae) from India. Journal of the Timber Dryers' and Preservers' Association of India, Dehra Dun 8 (4) [1962]: 4–8.

Mathur, R.N., and R.S. Thapa. 1963b. Survey of the termites of South Bihar. Journal of the Society of Indian Foresters 3 (3–4): 105–110.

Mathur, R.N., and R.S. Thapa. 1965. Some termites from Assam (India) with descriptions of three new species. Bulletin of Entomology (Madras) 6: 1–14.

Matsuda, R. 1960. Morphology of the pleurosternal region of the pterothorax in insects. Annals of the Entomological Society of America 53 (6): 712–731.

Matsuda, R. 1965. Morphology and evolution of the insect head. Memoirs of the American Entomological Institute 4: 1–334.

Matsuda, R. 1970. Morphology and evolution of the insect thorax. Memoirs of the Entomological Society of Canada 76: 1–431.

Matsuda, R. 1976. Morphology and evolution of the insect abdomen. Oxford: Pergamon Press, vii + 534 pp.

Matsuda, R. 1979. Morphologie du thorax et des appendices thoraciques des insectes. *In* P.-P. Grassé (editor), Traité de zoologie: anatomie, systématique, biologie (vol. 8, insectes, 2): 1–289. Paris: Masson et Cie, [8] + 600 pp.

Matsuda, R. 1981. The origin of insect wings (Arthropoda: Insecta). International Journal of Insect Morphology and Embryology 10 (5): 387–398.

Matsumoto, T. 1976. The role of termites in an equatorial rain forest ecosystem of West Malaysia. I. Population density, biomass, carbon, nitrogen and calorific content and respiration rate. Oecologia (Berlin) 22: 153–178.

Matsumoto, T. 1977. Respiration of fungus combs and $CO_2$ concentration in the center of mounds of some termites. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 104–105. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Matsumoto, T. 1978a. Population density, biomass, nitrogen and carbon content, energy value and respiration rate of four species of termites in Pasoh Forest Reserve. Malayan Nature Journal 30 (2): 335–351.

Matsumoto, T. 1978b. The role of termites in the decomposition of leaf litter on the forest floor of Pasoh study area. Malayan Nature Journal 30 (2): 405–413.

Matsumoto, T., and T. Abe. 1979. The role of termites in an equatorial rain forest ecosystem of West Malaysia II. Leaf litter consumption on the forest floor. Oecologia (Berlin) 38: 261–274.

Matsumoto, T., and Y. Hirono. 1986. On the caste composition of a primitive termite *Hodotermopsis japonicus* Holmgren (Isoptera, Termopsidae). Scientific Papers of the College of Arts and Sciences, University of Tokyo 35 (2) [1985]: 211–216.

Matsumoto, T., and J.-S. Wang. 1992. Allozymic variation and regional differentiation in a primitive termite *Hodotermopsis* in Japan and China. Proceedings 19th International Congress of Entomology, Beijing 1992: 242. [abstract]

Matsumoto, T., Y. Hirono, and J.-S. Wang. 1990. Recent studies about geographic distribution of *Hodotermopsis* in Japan and China. Shiroari (Termite) 80: 3–12. [in Japanese]

Matsumura, F., H.C. Coppel, and A. Tai. 1968. Isolation and identification of termite trail-following pheromone. Nature 219: 963–964.

Matsumura, F., A. Tai, and H.C. Coppel. 1969. Termite trail-following substance, isolation and purification from *Reticulitermes virginicus* and fungus-infected wood. Journal of Economic Entomology 62 (3): 599–603.

Matsumura, S. 1904. [The illustrated thousand insects of Japan] [Vol. 1]. Tokyo: Keiseisha Press, [2] + 213 + [6] pp. + 17 pls. [in Japanese, reprinted 1922]

Matsumura, S. 1907. Konchu bunruigaku [Systematic entomology] [Vol. 1]. Tokyo: Keiseisha Press, 336 + [8] pp. [in Japanese]

Matsumura, S. 1910a. Taiwan kanscho gaichu-hen tsuketari ekichu-hen. Tokyo: [publisher not known], 2 pp.

Matsumura, S. 1910b. Die schädlichen und nützlichen Insekten vom Zuckerrohr Formosas. Zeitschrift für Wissenschaftliche Insektenbiologie 6: 101–104, 136–139. [German translation of Matsumura, 1910a]

Matsumura, S. 1931. Six thousand illustrated insects of Japan-Empire. Tokyo: Toko-Shoin, 1497 + 191 pp. + 10 pls.

Matsuura, K. 1999. A review of studies on the mechanism of nest-mate recognition in termites. Japanese Journal of Ecology 49: 175–182. [in Japanese, with English title, abstract, and reference list]

Matsuura, K. 2001. Nestmate recognition mediated by intestinal bacteria in a termite, *Reticulitermes speratus*. *Oikos* 92: 20–26.

Matsuura, K. 2002a. Colony-level stabilization of soldier head width for head-plug defense in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Behavioral Ecology and Sociobiology 51: 172–179.

Matsuura, K. 2002b. A test of the haploiddiploid analogy hypothesis in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 95 (5): 646–649.

Matsuura, K. 2005. Distribution of termite egg-mimicking fungi ("termite balls") in *Reticulitermes* spp. (Isoptera: Rhinotermitidae) nests in Japan and the United States. Applied Entomology and Zoology (Tokyo) 40 (1): 53–61.

Matsuura, K. 2006a. Termite-egg mimicry by a sclerotium-forming fungus. Proceedings of the Royal Society of London, Series B, Biological Sciences 273 (1591): 1203–1209.

Matsuura, K. 2006b. Early emergence of males in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae): protandry as a side effect of sexual size dimorphism. Annals of the Entomological Society of America 99 (3): 625–628.

Matsuura, K. 2006c. A novel hypothesis for the origin of the sexual division of labor in termites: which sex should be soldiers? Evolutionary Ecology 20: 565–574.

Matsuura, K. 2010. Sexual and asexual reproduction in termites. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 255–277. Dordrecht: Springer, xiv + 576 pp.

Matsuura, K., and N. Kobayashi. 2007. Size, hatching rate, and hatching period of sexually and asexually produced eggs in the facultatively parthenogenetic termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Applied Entomology and Zoology (Tokyo) 42: 241–246.

Matsuura, K., and T. Nishida. 2001a. Colony fusion in a termite: what makes the society "open"? Insectes Sociaux 48: 378–383.

Matsuura, K., and T. Nishida. 2001b. Comparison of colony foundation success between sexual pairs and female asexual units in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Population Ecology 43: 119–124.

Matsuura, K., and T. Nishida. 2002. Mechanism, induction factors, and adaptive significance of dealation in the subterranean termite *Reticulitermes speratus* (Isoptera, Rhinotermitidae). Insectes Sociaux 49: 241–244.

Matsuura, K., E. Kuno, and T. Nishida. 2002a. Homosexual tandem running as selfish herd in *Reticulitermes speratus*: novel antipredatory behavior in termites. Journal of Theoretical Biology 214: 63–70.

Matsuura, K., M. Fujimoto, K. Goka, and T. Nishida. 2002b. Cooperative colony foundation by termite female pairs: altruism for survivorship in incipient colonies. Animal Behaviour 64: 167–173.

Matsuura, K., M. Fujimoto, and K. Goka. 2004. Sexual and asexual colony foundation and the mechanism of facultative parthenogenesis in the termite *Reticulitermes speratus* (Isoptera, Rhinotermitidae). Insectes Sociaux 51: 325–332.

Matsuzawa, H. 1963. On the distribution of the three species of wood-dwelling termites in Shikoku Island of Japan. Kontyû 31 (2): 99–104.

Matsuzawa, H., and S. Tani. 1962. On the distribution of Katan termite *Glyptotermes fuscus* (Oshima) in the south eastern district of Shikoku. Japanese Journal of Applied Entomology and Zoology 6 (3): 247–248. [in Japanese, with English title]

Mauldin, J.K. 1982. The economic importance of termites in North America. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 138–141. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Mavlyanova, R.D., A.G. Davletschina, and A. Nomozov. 1995. On biology of termite *Anacanthotermes turkestanicus*. Uzbekskii Biologicheskii Zhurnal 2–3: 68–71, 96. [in Uzbek, with English and Russian summaries]

Maynard, C.J. 1888. Notes on the white ant, found on the Bahamas. Psyche (Cambridge) 5: 11–113.

Mayr, E. 1963. Animal species and evolution. Cambridge, MA: Harvard University Press, xiv + [2] + 797 pp.

Mazokhin-Porshnyakov, G.A., T.M. Vishnevskaya, K.V. Golubtzov, and O.I. Bocharov. 1967. Vision of the large Caspian termite *Anacanthotermes ahngerianus* Jacobs. (Insecta, Isoptera) according to the data of electrophysiological experiments. Russkii Zoologicheskii Zhurnal 46 (11): 1668–1675. [in Russian, with English summary]

McAlpine, D.K. 1966. Insects of the desert. Australian Natural History 15 (5): 157–160.

McComie, L.D., and G. Dhanarajan. 1990. Respiratory rate and energy utilization by *Macrotermes carbonarius* (Hagen) (Isoptera, Termitidae, Macrotermitinae) in Penang, Malaysia. Insect Science and Its Application 11 (2): 197–204.

McDaniel, C.A. 1990. Cuticular hydrocarbons of the Formosan termite *Coptotermes formosanus.* Sociobiology 16 (3): 265–273.

McDowell, P.G., and G.W. Oloo. 1984. Isolation, identification, and biological activity of trail-following pheromone of termite *Trinervitermes bettonianus* (Sjöstedt) (Termitidae: Nasutitermitinae). Journal of Chemical Ecology 10 (6): 835–851.

McKern, J.A., A.L. Szalanski, and J.W. Austin. 2006. First record of *Reticulitermes flavipes* and *Reticulitermes hageni* in Oregon (Isoptera: Rhinotermitidae). Florida Entomologist 89 (4): 541–542.

McKittrick, F.A. 1964. Evolutionary studies of cockroaches. Memoirs of the Cornell University Agricultural Experiment Station 389: 1–197.

McKittrick, F.A. 1965. A contribution to the understanding of cockroach-termite affinities. Annals of the Entomological Society of America 58 (1): 18–22.

McLachlan, R. 1869. [A species of termite from the island of St. Helena referred to *Termes tenuis* Hagen]. Transactions of the Entomological Society of London 1869: xiii.

McLachlan, R. 1874. A brood of white-ants (termites) at Kew. Entomologist's Monthly Magazine 11: 15–16.

McLachlan, R. 1877. The colony of American white ants at Vienna. Entomologist's Monthly Magazine 13: 17.

McLachlan, R. 1883. Neuroptera of the Hawaiian Islands.—Pt. I. Pseudo-Neuroptera. Annals and Magazine of Natural History (5) 12 (70): 226–240.

McMahan, E.A. 1960. External sex characteristics of *Cryptotermes brevis* (Walker) and *Kalotermes immigrans* Snyder (Isoptera, Kalotermitidae). Proceedings of the Hawaiian Entomological Society 17 (2) [1959]: 270–272.

McMahan, E.A. 1962. Laboratory studies of colony establishment and development in *Cryptotermes brevis* (Walker) (Isoptera: Kalotermitidae). Proceedings of the Hawaiian Entomological Society 18 (1): 145–153.

McMahan, E.A. 1963. A study of termite feeding relationships, using radioisotopes. Annals of the Entomological Society of America 56 (1): 74–82.

McMahan, E.A. 1966a. Food transmission within the *Cryptotermes brevis* colony (Isoptera; Kalotermitidae). Annals of the Entomological Society of America 59 (6): 1131–1137.

McMahan, E.A. 1966b. Studies of termite wood-feeding preferences. Proceedings of the Hawaiian Entomological Society 19 (2): 239–250.

McMahan, E.A. 1969a. Effects of ionizing radiation on three Neotropical termite species. Annals of the Entomological Society of America 62 (1): 120–125.

McMahan, E.A. 1969b. Feeding relationships and radioisotope techniques. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 387–406. New York: Academic Press, xiii + 598 pp.

McMahan, E.A. 1970. Polyethism in workers of *Nasutitermes costalis* (Holmgren). Insectes Sociaux 17 (2): 113–120.

McMahan, E.A. 1974. Non-aggressive behavior in the large soldier of *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). Insectes Sociaux 21 (1): 95–106.

McMahan, E.[A.] 1979. Temporal polyethism in termites. Sociobiology 4 (2): 153–168.

McMahan, E.A. 1980. Factors underlying the integration of the termite colony. Sociobiology 5 (2): 95–100.

McMahan, E.A. 1987. Termite polyethism. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, Munich, 18–22 August 1986: 115. Munich: J. Peperny, xxxv + 16 + 757 pp.

McMahan, E.A., and J.A.L. Watson. 1975. Non-reproductive castes and their development in *Nasutitermes exitiosus* (Hill) (Isoptera). Insectes Sociaux 22 (2): 183–197.

McMahan, E.A., P.K. Sen-Sarma, and S. Kumar. 1983. Biometric, polyethism, and sex ratio studies of *Nasutitermes dunensis* Chatterjee and Thakur (Isoptera: Termitidae). Annals of Entomology (Dehra Dun) 1 (1): 15–25.

Medeiros, L.G.S., A.G. Bandeira, and C. Martius. 1999. Termite swarming in the northeastern Atlantic rain forest of Brazil. Studies on Neotropical Fauna and Environment 34 (2): 76–87.

Medler, J.T. 1980. Insects of Nigeria—check list and bibliography. Memoirs of the American Entomological Institute 30: 1–919.

Mednikova, T.K. 1974. Anal gland of the soldier- and worker-termites of *Anacanthotermes ahngerianus* Jacobson (Isoptera: Hodotermitidae). *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 103–109. Moscow: University Publishing House, 222 pp. [in Russian, with English title]

Mednikova, T.K. 1977. Caste differentiation in the termite *Anacanthotermes ahngerianus* Jacobson (Isoptera, Hodotermitidae). *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 118–120. Wageningen: Centre for Agricultural Publication and Documentation, xi + 325 pp.

Mednikova, T.K. 1979. Salivary glands in the termite *Anacanthotermes ahngerianus* Jacobson. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 9, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 16–35. Moscow: University Publishing House, 152 pp. [in Russian, with English title]

Mednikova, T.K. 1995. Age- and caste-dependent structural features of the salivary glands of termite *Anacanthotermes ahngerianus* Jacobson (Isoptera, Hodotermitidae). Revue d'Entomologie de l'URSS 74: 3–14. [in Russian, with English title, summary and reference list]

Meinwald, J., G. Prestwich, K. Nakanishi, and I. Kubo. 1978. Chemical ecology: studies from East Africa. Science 199: 1167–1173.

Melliss, J.C. 1864. [Untitled note on termite damage on St. Helena]. Transactions of the Entomological Society of London 1: 185–186.

Melliss, J.C. 1875. St. Helena: a physical, historical, and topographical description of the island, including its geology, fauna, flora, and meteorology. London: L. Reeve and Co., xiv + 426 pp.

Mélo, A.C.S., and A.G. Bandeira. 2004. A qualitative and quantitative survey of termites (Isoptera) in an open shrubby caatinga in northeast Brazil. Sociobiology 44 (3): 707–716.

Mélo, A.C.S., and L.R. Fontes. 2003. A new species of *Amitermes* (Isoptera, Termitidae, Termitinae) from northeastern Brazil. Sociobiology 41 (2): 411–418.

Méndez-Montiel, J.T., and A. Equihua-Martínez. 2001. Diversidad y manejo de los termes de México (Hexapoda, Isoptera). Acta Zoologica Mexicana (n.s., número especial) 1: 173–187.

Menozzi, C. 1940. Contributo alla fauna della Tripolitania. Bollettino del Laboratorio di Zoologia Generale e Agraria della Facoltà Agraria in Portici 31: 244–273.

Menzel, L.V.A., and E. Diehl. 2008. Reproductive strategies of *Cortaritermes fulviceps* (Silvestri) (Isoptera, Termitidae, Nasutitermtinae) under laboratory conditions. Sociobiology 51 (3): 719–731.

Mermut, A.R., M.A. Arshad, and R.J. St. Arnoud. 1984. Micropedological study of termite mounds of three species of *Macrotermes* in Kenya. Soil Science Society of America Journal 48: 613–620.

Messenger, M.T., and A.J. Mullins. 2005. New flight distance recorded for *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Florida Entomologist 88 (1): 99–100.

Messenger, M.T., and N.-Y. Su. 2005. Agonistic behavior between colonies of the Formosan subterranean termite (Isoptera: Rhinotermitidae) from Louis Armstrong Park, New Orleans, Louisiana. Sociobiology 45 (2): 331–345.

Messenger, M.T., R.H. Scheffrahn, and N.-Y. Su. 2000. First report of *Incisitermes minor* (Isoptera: Kalotermitidae) in Louisiana. Florida Entomologist 83 (1): 92–93.

Messenger, M.T., N.-Y. Su, and R.H. Scheffrahn. 2002. Current distribution of the Formosan subterranean termite and other termite species (Isoptera: Rhinotermitidae, Kalotermitidae) in Louisiana. Florida Entomologist 85 (4): 580–587.

Messenger, M.T., N.-Y. Su, C. Husseneder, and J.K. Grace. 2005. Elimination and reinvasion studies with *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in Louisiana. Journal of Economic Entomology 98 (3): 916–929.

Messer, A.C. 1984. *Chalicodoma pluto*: the world's largest bee rediscovered living communally in termite nests (Hymenoptera: Megachilidae). Journal of the Kansas Entomological Society 57 (1): 165–168.

Messeri, P. 1992. Sex differences in post-flight dealation rates of *Kalotermes flavicollis. In* J. Billen. (editor), Biology and evolution of social insects: 99–103. Leuven, Belgium: Leuven University Press, viii + 390 pp.

Messeri, P., and M.S. DiBattista. 1992. Dispersal flight and dealation in *Kalotermes flavicollis* (Fabr.). Ethology Ecology and Evolution, Special Issue 2: 115–118.

Messier, S. 1994. The effect of nonnestmates on foraging trail caste ratios of *Nasutitermes corniger* (Isoptera: Termitidae). Journal of Insect Behavior 8 (3): 297–304.

Meunier, F. 1897. Revue critique de quelques insectes fossiles du Musée Teyler. Archives du Musée Teyler (2) 5 (3): 217–239 + 11 pls.

Meunier, F. 1898. Les insectes des temps secondaires. Archives du Musée Teyler *(2)* 6 (2): 85–149 + 30 pls.

Meunier, F. 1900. Un insecte néuroptère dans une résine du Landénien de Léau (Brabant). Annales de la Société Géologique de Belgique 27: 76–79.

Meunier, F. 1906. Sur quelques insectes (Diptères, Hyménoptères, Néuroptères, Orthoptères[)] du copal fossile, sub-fossile et récent du Zanzibar et du copal récent d'Accra, de Togo et de Madagascar. Annales de la Société Scientifique de Bruxelles 30 (3): 211–215.

Meunier, F. 1920. Quelques insectes de l'Aquitanien de Rott, Sept-Monts (Prusse rhénane). Proceedings of the Section of Sciences, Koninklijke Akademie van Wetenschappen te Amsterdam 22 (6–10): 727–737, 891–898 + 1 pl.

Meyer, V.W., L.E.O. Braack, H.C. Biggs, and C. Ebersohn. 1999. Distribution and density of termite mounds in the northern Kruger National Park, with specific reference to those constructed by *Macrotermes* Holmgren (Isoptera: Termitidae). African Entomology 7 (1): 123–130.

Meyer, V.W., R.M. Crewe, L.E.O. Braack, H.T. Groeneveld, and M.J. Van der Linde. 2000a. Intracolonial demography of the mound-building termite *Macrotermes natalensis* (Haviland) (Isoptera, Termitidae) in the northern Kruger National Park, South Africa. Insectes Sociaux 47: 390–397.

Meyer, V.W., L.E.O. Braack, and H.C. Biggs. 2000b. Distribution and density of *Cubitermes* Wasmann (Isoptera: Termitidae) mounds in the northern Kruger National Park. Koedoe 43 (1): 57–65.

Meyer, V.W., R.M. Crewe, L.E.O. Braack, H.T. Groeneveld, and M.J. Van der Linde. 2001. Biomass of *Macrotermes natalensis* in the northern Kruger National Park, South Africa—the effects of land characteristics. Sociobiology 38 (3A): 431–448.

Meyer, V.W., R.M. Crewe, and L.E.O. Braack. 2003. Estimates of food consumption by the fungus-growing termite *Macrotermes natalensis* in a South African savanna-woodland. South African Journal of Science 99: 207–208.

Mikus, S., R. Brandl, and M. Kaib. 1997. Tree-use by *Schedorhinotermes lamanianus* (Isoptera: Rhinotermitidae). Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 11 (1–6): 193–197.

Milano, S., and L.R. Fontes. 2002. Cupim e cidade: implicações ecológicas e controle. São Paulo: Conquista Artes Gráficas, 141 pp.

Mill, A.E. 1982a. Faunal studies on termites (Isoptera) and observations on their ant predators (Hymenoptera: Formicidae) in the Amazon Basin. Revista Brasileira de Entomologia 26 (3–4): 253–260.

Mill, A.E. 1982b. Populações de térmitas (Insecta: Isoptera) em quatro habitats no baixo Rio Negro. Acta Amazonica 12 (1): 53–60.

Mill, A.E. 1983a. Generic keys to the soldier caste of New World Termitidae (Isoptera: Insecta). Systematic Entomology 8: 179–190.

Mill, A.E. 1983b. Observations on Brazilian termite alate swarms and some structures used in the dispersal of reproductives (Isoptera: Termitidae). Journal of Natural History 17: 309–320.

Mill, A.E. 1983c. Behavioural and toxic effects of termite defensive secretions on ants. Physiological Entomology 8 (4): 413–418.

Mill, A.E. 1984. Exploding termites: an unusual defensive behaviour. Entomologist's Monthly Magazine 120: 179–183.

Mill, A.E. 1991. Termites as structural pests in Amazônia, Brazil. Sociobiology 19 (2): 339–348.

Mill, A.E. 1992. Termites as agricultural pests in Amazonia, Brazil. Outlook on Agriculture 21 (1): 41–46.

Miller, D. 1939. Termites or white ants. New Zealand Department of Science and Industry Research Bulletin 6: 57–65.

Miller, D. 1941. The species of termites in New Zew [sic] Zealand. New Zealand Journal of Forestry 4 (5): 333–334.

Miller, D. 1956. Bibliography of New Zealand entomology. Partly annotated. 1775–1952. New Zealand Department of Science and Industry Research Bulletin 120: 1–492.

Miller, E.M. 1942. The problem of castes and caste differentiation in *Prorhinotermes simplex* (Hagen). Bulletin of the University of Miami 15: 1–27.

Miller, E.M. 1943. The soldier and nymphal forms of *Kalotermes* (*Calcaritermes*) *nearcticus* Snyder. Proceedings of the Florida Academy of Sciences 6 (1): 5–8.

Miller, E.M. 1949a. A look at the anatomy and physiology of groups. Bios 20 (1): 24–31.

Miller, E.M. 1949b. A handbook on Florida termites. Coral Gables, Florida: University of Miami Press, 30 pp.

Miller, E.M. 1964. Biology of termites. Boston: D.C. Heath and Co. 36 pp.

Miller, E.M. 1969. Caste differentiation in the lower termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 283–310. New York: Academic Press, xiii + 598 pp.

Miller, E.M., and D.B. Miller. 1944. A preliminary study on the distribution and habits of South Florida termites. Proceedings of the Florida Academy of Sciences 6 (3–4) [1943]: 101–107.

Miller, L.R. 1981. The nest of the termite *Schedorhinotermes breinli* (Hill) (Isoptera: Rhinotermitidae) and a description of the primary queen. Journal of the Australian Entomological Society 20: 130.

Miller, L.R. 1984a. *Invasitermes,* a new genus of soldierless termites from northern Australia (Isoptera: Termitidae). Journal of the Australian Entomological Society 23 (1): 33–37.
Miller, L.R. 1984b. The Australian genera of the *Subulitermes* branch of the Nasutitermitinae (Isoptera: Termitidae). Journal of the Australian Entomological Society 23 (2): 119–125.
Miller, L.R. 1986a. A note on the biology and distribution of *Mastotermes darwiniensis* Froggatt. Northern Territory Naturalist 9: 14–17.
Miller, L.R. 1986b. The phylogeny of the Nasutitermitinae (Isoptera: Termitidae). Sociobiology 11 (3): 203–214.
Miller, L.R. 1987. Trimorphic soldiers in *Schedorhinotermes seclusus* (Hill) (Isoptera: Rhinotermitidae) and notes on biology. Journal of the Australian Entomological Society 26: 235–236.
Miller, L.R. 1989a. Sub-fossil termite mounds in the Simpson Desert. Northern Territory Naturalist 11: 27–30.
Miller, L.R. 1989b. Some nematode-termite relationships, and the maxillary gland in Isoptera. Sociobiology 15 (1): 11–17.
Miller, L.R. 1991. A revision of the *Termes-Capritermes* branch of the Termitinae in Australia (Isoptera: Termitidae). Invertebrate Taxonomy 4 (6): 1147–1282.
Miller, L.R. 1992. Origins of mandibular and other structures in the Nasutitermitinae and a discussion of the origins of the Termitidae. Proceedings 19th International Congress of Entomology, Beijing 1992: 242. [abstract]
Miller, L.R. 1994a. *Amitermes arboreus* Roisin in Australia, with notes on its biology (Isoptera: Termitidae). Journal of the Australian Entomological Society 33 (4): 305–308.
Miller, L.R. 1994b. Nests and queen migration in *Schedorhinotermes actuosus* (Hill), *Schedorhinotermes breinli* (Hill) and *Coptotermes acinaciformis* (Froggatt) (Isoptera: Rhinotermitidae). Journal of the Australian Entomological Society 33 (4): 317–318.
Miller, L.R. 1994c. Dimorphic minor soldiers in *Schedorhinotermes breinli* (Hill) (Isoptera: Rhinotermitidae). Journal of the Australian Entomological Society 33 (4): 319–320.
Miller, L.R. 1997. Systematics of the Australian Nasutitermitinae with reference to evolution within the Termitidae (Isoptera). With five appendices: 1. Austrospirachtha; 2. macrostructure of frontal gland; 3. Soldier/worker head-width index; 4. development of mixed segment; 5. origins of mandibular and other structures in the Nasutitermitinae, and a discussion of the origins of the Termitidae. Ph.D. dissertation, Australian National University, Canberra, 170 pp.
Miller, L.R., and R. Paton. 1983. *Cryptotermes* in mangroves in the Northern Territory (Isoptera: Kalotermitidae). Journal of the Australian Entomological Society 22: 189–190.
Miller, S.E. 1983. Late Quaternary insects of Rancho-la-Brea and McKittrick, California. Quaternary Research (New York) 20: 90–104.
Miller, W.R., and T.R. Mason. 2000. *Stellavelum arborensis* igen., sp. nov., *Stellavelum uncinum* igen., isp. nov. and *Termitichnus namibiensis* isp. nov.; new ichnofossils from Cenozoic deposits of Namaqualand, South Africa. Ichnos 7 (3): 195–215.
Milligan, R.H. 1984. *Kalotermes brouni* Froggatt (Isoptera: Kalotermitidae). New Zealand drywood termite. Forest and Timber Insects in New Zealand 59: 1–8.
Milligan, R.H. 1985. *Stolotermes ruficeps* Brauer, *Stolotermes inopinus* Gay (Isoptera: Termopsidae). New Zealand wetwood termites. Forest and Timber Insects in New Zealand 60: [1–4].
Minkley, N., A. Fujita, A. Brune, and W.H. Kirchner. 2006. Nest specificity of the bacterial community in termite guts (*Hodotermes mossambicus*). Insectes Sociaux 53: 339–344.
Miramontes, O., and O. DeSouza. 1996. The nonlinear dynamics of survival and social facilitation in termites. Journal of Theoretical Biology 181: 373–380.
Miranda, C.S., A. Vasconcellos, and A.G. Bandeira. 2004. Termites in sugar cane in northeast Brazil: ecological aspects and pest status. Neotropical Entomology 33 (2): 237–241.
Miranda, M.T.P., and F.G. D'cruz. 2005. Population size and composition in *Odontotermes brunneus* (Hagen) (Isoptera: Termitidae) in relation to mound size and seasons. Entomon 30 (1): 39–45.
Mishra, S.C. 1976. Satellite nests in *Nasutitermes dunensis* Chatterjee and Thakur (Isoptera: Termitidae). Material und Organismen 11: 317–318.
Mishra, S.C. 1978. Neoteny in *Microcerotermes beesoni* Snyder (Isoptera: Termitidae). Journal of the Indian Academy of Wood Science 9 (1): 72.
Mishra, S.C. 1979. Studies on deterioration of wood by insects. IV. Digestibility and digestion of major wood components by the termite *Neotermes bosei* Snyder (Isoptera: Kalotermitidae). Material und Organismen 14 (4): 269–277.

Mishra, S.C. 1980. Carbohydrases in *Neotermes bosei* Snyder (Isoptera: Kalotermitidae). Material und Organismen 15 (4): 253–261.

Mishra, S.C. 1986. Role of termites in nutrient cycling. Journal of the Indian Academy of Wood Science 17 (2): 85–92.

Mishra, S.C. 1987. Origin, distribution and evolutionary trends of chitinase in the gut of termites (Insecta: Isoptera). Annals of Entomology (Dehra Dun) 5 (1): 13–15.

Mishra, S.C. 1991. Swarming behaviour and associated activities of termite *Odontotermes distans* Holmgren and Holmgren (Isoptera: Termitidae) in relation to meteorological factors. Indian Journal of Forestry 14 (2): 107–112.

Mishra, S.C., and P.K. Sen-Sarma. 1979a. Studies on deterioration of wood by insects. III. Chemical composition of faecal matter, nest material and fungus comb of some Indian termites. Material und Organismen 14 (4): 1–14.

Mishra, S.C., and P.K. Sen-Sarma. 1979b. Studies on deterioration of wood by insects. V. Influence of temperature and relative humidity on wood consumption and digestibility in *Neotermes bosei* Snyder (Insecta: Isoptera: Kalotermitidae). Material und Organismen 14 (4): 279–286.

Mishra, S.C., and P.K. Sen-Sarma. 1979c. Seasonal fluctuations of colony composition, nest population and foraging in *Nasutitermes dunensis* Chatterjee and Thakur. Indian Journal of Entomology 41 (4): 360–365.

Mishra, S.C., and P.K. Sen-Sarma. 1980. Studies on deterioration of wood by insects. VI. Degradation and digestion of lignin in the digestive tract of termites. Material und Organismen 15 (2): 119–124.

Mishra, S.C., and P.K. Sen-Sarma. 1981a. Hydrogen ion concentration in the digestive tract of three species of Indian termites (Insecta: Isoptera). Entomon 6 (2): 131–134.

Mishra, S.C., and P.K. Sen-Sarma. 1981b. Chitinase activity in the digestive tract of termites (Isoptera). Material und Organismen 16 (2): 157–160.

Mishra, S.C., and P.K. Sen-Sarma. 1985a. Nutritional significance of fungus comb and *Termitomyces albuminosus* (Berk.) Heim in *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Material und Organismen 20 (4): 205–213.

Mishra, S.C., and P.K. Sen-Sarma. 1985b. Degradation and digestion of wood in the gut of faunated and partially defaunated pseudoworkers of *Neotermes bosei* Snyder (Isoptera: Kalotermitidae). Material und Organismen 20 (4): 293–300.

Mishra, S.C., and P.K. Sen-Sarma. 1987a. Origin and distribution of digestive enzymes in soldiers of *Neotermes bosei* Snyder with a note on gut morphology (Isoptera: Kalotermitidae). Material und Organismen 22 (2): 127–138.

Mishra, S.C., and P.K. Sen-Sarma. 1987b. pH trends in the gut of xylophagous insects and ther adaptive significance. Material und Organismen 22 (4): 311–319.

Misra, J.N., and V. Ranganathan. 1954. Digestion of cellulose by the mound building termite, *Termes* (*Cyclotermes*) *obesus* Rambur. Proceedings of the Indian Academy of Sciences (Animal Sciences) (B) 39: 100–113.

Mitchell, B.L. 1972. Termite survey of Rhodesia. Rhodesia Aricultural Journal 69: 39.

Mitchell, B.L. 1980. Report on a survey of the termites of Zimbabwe. Occasional Papers of the National Museum of Southern Rhodesia, B, Natural Sciences 6 (5): 187–323.

Mitchell, J.D. 1999. Dispersal flights of the fungus growing termite *Macrotermes natalensis* (Haviland) (Isoptera: Macrotermitinae). Proceedings of the twelfth entomological congress (Potchefstroom, South Africa) 1999: 83.

Mitchell, J.D. 2007. Swarming and pairing in the fungus-growing termite, *Macrotermes natalensis* (Haviland) (Isoptera: Macrotermitinae). African Entomology 15 (1): 153–160.

Mitchell, J.D. 2008. Swarming flights of the fungus-growing termite, *Macrotermes natalensis* (Haviland) (Isoptera: Macrotermitinae), and the environmental factors affecting their timing and duration. African Entomology 16 (2): 143–152.

Mitchell, J.D., and T.C. de K. van der Linde. 1991. Temperature tolerance in the harvester termite *Hodotermes mossambicus* (Hagen). Proceedings of the Eighth Entomological Congress Organised by the Entomological Society of Southern Africa, Bloemfontein, 1–4 July 1991: 77. [abstract]

Mitchell, J.D., P.H. Hewitt, and T.C. de K. van der Linde. 1993. Critical thermal limits and temperature tolerance in the harvester termite *Hodotermes mossambicus* (Hagen). Journal of Insect Physiology 39 (6): 523–528.

Mitra, B., and P.K. Maiti. 1992. Biogeographical analysis of entomofauna of Great Nicobar Island, Indian Ocean. Proceedings of the Zoological Society (Calcutta) 45 (A): 501–508.

Miura, T. 1999. Molecular and physiological basis of caste differentiation in social insects. Japanese Journal of Ecology 49: 167–174. [in Japanese, with English title and reference list]

Miura, T. 2001. Morphogenesis and gene expression in the soldier-caste differentiation of termites. Insectes Sociaux 48 (3): 216–223.

Miura, T. 2004. Proximate mechanisms and evolution of caste poloyphenism in social insects: from sociality to genes. Ecological Research 19: 141–148.

Miura, T., and T. Matsumoto. 1995. Worker polymorphism and division of labor in the foraging behavior of the black marching termite *Hospitalitermes medioflavus,* on Borneo Island. Naturwissenschaften 82 (12): 564–567.

Miura, T., and T. Matsumoto. 1996. Ergatoid reproductives in *Nasutitermes takasagoensis* (Isoptera: Termitidae). Sociobiology 27 (2): 223–238.

Miura, T., and T. Matsumoto. 1997. Diet and nest material of the processional termite *Hospitalitermes,* and cohabitation of *Termes* (Isoptera, Termitidae) on Borneo Island. Insectes Sociaux 44: 267–275.

Miura, T., and T. Matsumoto. 1998a. Open-air litter foraging in the nasute termite *Longipeditermes longipes* (Isoptera: Termitidae). Journal of Insect Behavior 11 (2): 179–189.

Miura, T., and T. Matsumoto. 1998b. Foraging organization of the open-air processional lichen-feeding termite *Hospitalitermes* (Isoptera, Termitidae) in Borneo. Insectes Sociaux 45 (1): 17–32.

Miura, T., and T. Matsumoto. 2000. Soldier morphogenesis in a nasute termite: discovery of a disc-like structure forming a soldier nasus. Proceedings of the Royal Society of London, Series B, Biological Sciences 267 (1449): 1185–1189.

Miura, T., and M.E. Scharf. 2010. Molecular basis underlying caste differentiation in termites. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 211–253. Dordrecht: Springer, xiv + 576 pp.

Miura, T., Y. Roisin, and T. Matsumoto. 1998a. Developmental pathways and polyethism of neuter castes in the processional nasute termite *Hospitalitermes medioflavus* (Isoptera: Termitidae). Zoological Science (Tokyo) 15: 843–848.

Miura, T., K. Maekawa, O. Kitade, T. Abe, and T. Matsumoto. 1998b. Phylogenetic relationships among subfamilies in higher termites (Isoptera: Termitidae) based on mitochondrial COII gene sequences. Annals of the Entomological Society of America 91 (5): 515–523.

Miura, T., Y. Roisin, K. Maekawa, and T. Matsumoto. 1998c. Molecular phylogenetics of Nasutitermitinae. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 320. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Miura, T., A. Kamikouchi, M. Sawata, H. Takeuchi, S. Natori, T. Kubo, and T. Matsumoto. 1999. Soldier caste-specific gene expression in the mandibular glands of *Hodotermopsis japonica* [sic] (Isoptera: Termopsidae). Proceedings of the National Academy of Sciences of the United States of America 96 (24): 13874–13879.

Miura, T., Y. Hirono, M. Machida, O. Kitade, and T. Matsumoto. 2000a. Caste developmental system of the Japanese damp-wood termite *Hodotermopsis japonica* [sic] (Isoptera: Termopsidae). Ecological Research 15: 83–92.

Miura, T., Y. Roisin, and T. Matsumoto. 2000b. Molecular phylogeny and biogeograpny of the nasute termite genus *Nasutitermes* (Isoptera: Termitidae) in the Pacific tropics. Molecular Phylogenetics and Evolution 17 (1): 1–10.

Miura, T., S. Koshikawa, and T. Matsumoto. 2003. Winged presoldiers induced by a juvenile hormone analog in *Zootermopsis nevadensis*: implications for plasticity and evolution of caste differentiation in termites. Journal of Morphology 257: 22–32.

Miura, T., S. Koshikawa, M. Machida, and T. Matsumoto. 2004. Comparative studies on alate formation in two related species of rotten-wood termites: *Hodotermopsis sjostedti* and *Zootermopsis nevadensis* (Isoptera, Termopsidae). Insectes Sociaux 51: 247–252.

Miyata, H., H. Furuichi, and O. Kitade. 2004. Patterns of neotenic differentiation in a subterranean termite, *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Entomological Science 7: 309–314.

Mjöberg, E. 1920. Results of Dr. E. Mjöberg's Swedish scientific expeditions to Australia, 1910–1913. 19. Isoptera. Arkiv för Zoologi 12 (15): 1–128 + 6 pls.

Mo, J., T. Yang, X. Song, and J. Cheng. 2004. Cellulase activity in five species of important termites in China. Applied Entomology and Zoology (Tokyo) 39 (4): 635–641.

Mo., J., C. Chen, C. Pan, J. Cheng, and L. Teng. 2006. Mandibular gland chemistry of *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 48 (3): 543–552.

Móczár, L. 1976. Some data [on] the termite fauna of Egypt. Acta Biologica Szeged 22 (1–4): 107–112.

Moein, S.I. 1982. Morphological and histological studies on the alimentary canal of the dry-wood termite *Cryptotermes brevis.* Assiut Journal of Agricultural Sciences 13 (3): 3–11.

Montalenti, G. 1928. Sull'ipoderma e il tessuto adiposo nei neutri delle termiti. Bollettino dell'Istituto di Zoologia della Reale Università di Roma 6: 3–15.

Montalenti, G. 1929. Sul differenziamento delle caste nel *Termes lucifugus.* Bollettino dell'Istituto di Zoologia della Reale Università di Roma 7: 1–23.

Montalenti, G. 1930. L'origine e la funzione della membrana peritrofica dell'intestino degli insetti. Bollettino dell'Istituto di Zoologia della Reale Università di Roma 8: 1–31.

Montalenti, G. 1931. Gli enzimi digerenti e l'assorbimento delle sostanze solubili nell'intestino delle termiti. Archivio Zoologico Italiano 16: 860–864.

Monte, O. 1931. As especies de cupins mais communs no Brasil. Chacaras e Quintaes (São Paulo) 43 (1): 69–70.

Moore, B.P. 1962. Coumarin-like substances from Australian termites. Nature 195 (4846): 1101–1102.

Moore, B.P. 1964a. Volatile terpenes from *Nasutitermes* soldiers (Isoptera, Termitidae). Journal of Insect Physiology 10: 371–375.

Moore, B.P. 1964b. The chemistry of the nasutins. Australian Journal of Chemistry 17 (8): 901–907.

Moore, B.P. 1966. Isolation of scent-trail pheromone of an Australian termite. Nature 211: 746–747.

Moore, B.P. 1968. Studies on the chemical composition and function of the cephalic gland secretion in Australian termites. Journal of Insect Physiology 14 (1): 33–39.

Moore, B.P. 1969. Biochemical studies in termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 407–432. New York: Academic Press, xiii + 598 pp.

Moore, B.P. 1974. Pheromones in the termite societies. *In* Birch M.C. (editor), Pheromones: 250–266. Amsterdam: North-Holland Publishing Co., xxi + 495 pp.

Moore, J.M., and M.D. Picker. 1991. *Heuweltjies* (earth mounds) in the Clanwilliam district, Cape Province, South Africa: 4,000-year-old termite nests. Oecologia (Berlin) 86: 424–432.

Mora, P., C. Lattaud, and C. Rouland. 1998. Recherche d'enzymes intervenant dans la dégradation de la lignine chez plusieurs espèces de termites à régimes alimentaires différents. Actes des Colloques Insectes Sociaux 11: 77–80.

Morales-Ramos, J.A., and M.G. Rojas. 2001. Nutritional ecology of the Formosan subterranean termite (Isoptera: Rhinotermitidae): feeding response to commercial wood species. Journal of Economic Entomology 94 (2): 516–523.

Morales-Ramos, J.A., and M.G. Rojas. 2003. Nutritional ecology of the Formosan subterranean termite (Isoptera: Rhinotermitidae): growth and survival of the incipient colonies feeding on preferred wood species. Journal of Economic Entomology 96 (1): 106–115.

Morales-Ramos, J.A., and M.G. Rojas. 2005. Growth of young colonies of *Coptotermes formosanus* (Isoptera: Rhinotermitidae) feeding on single versus multiple wood species. Sociobiology 46 (1): 155–173.

Morales-Ramos, J.A., M.G. Rojas, and H. Sittertz-Bhatkar. 2006. Peritrophic matrix of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Florida Entomologist 89 (1) [2005]: 99–101.

Moreira, J., C.A. Neves, V.A. Araújo, A.P.A. Araújo, L.C. Cruz, P.A. Moreira, and S.L. Rocha. 2008. Digestive system morphology of *Nasutitermes rotundatus* (Isoptera: Termitidae, Nasutitermitinae). Sociobiology 51 (3): 563–578.

Morell, V. 1992. 30-Million-year-old DNA boosts an emerging field. Science 257: 1860–1862.

Morgan, F.D. 1959. The ecology and external morphology of *Stolotermes ruficeps* Brauer (Isoptera: Hodotermitidae). Transactions of the Royal Society of New Zealand 86 (1–2): 155–195.

Mori, H. 1974. Recent distribution of termites in Japan. Wood Industry (Japan) 29: 517–519. [in Japanese]

Mori, H. 1976. Kodamashiroari, *Glyptotermes kodamai* Mori sp. nov. Shiroari (Termite) 25: 54. [in Japanese, with English title]

Mori, H. 1978. New species of termite: Kushimoto-shiroari *Glyptotermes kushimensis* sp. nov. Shiroari (Termite) 32: 34. [in Japanese, with English title]

Mori, H. 1979. Transition of the termite distribution in Chichijima Island, Ogasawara. Shiroari (Termite) 36: 35–36. [in Japanese, with English title]

Mori, H. 1987. The Formosan subterranean termite in Japan: its distribution, damage, and current and potential control measures. *In* M. Tamashiro and N.-Y. Su (editors), Biology and control of the Formosan subterranean termite: proceedings of the international symposium on the Formosan subterranean termite, 67th meeting of the Pacific branch, Entomological Society of America, Honolulu, Hawaii, 1985: 23–26. Honolulu: College of Tropical Agriculture and Human Resources, University of Hawaii, 61 pp.

Morimoto, K. 1963. Evolution of termites and distribution of termites in Japan. Shiroari (Termite) 2: 9–15. [in Japanese]

Morimoto, K. 1967a. Distribution of termites. Shiroari (Termite) 7: 7–11. [in Japanese]
Morimoto, K. 1967b. Recent trends in termite research. Biological Sciences (Japan) 18: 106–110. [in Japanese]
Morimoto, K. 1968. Termites of the genus *Reticulitermes* of Japan and Taiwan. Bulletin of the Government Forest Experimental Station 217: 43–73.
Morimoto, K. 1973a. Termites from Thailand. Bulletin of the Government Forest Experimental Station 257: 57–80.
Morimoto, K. 1973b. *Glyptotermes nakajimai,* a new termite from Japan (Isoptera: Kalotermitidae). Kontyû 41 (4): 470–474.
Morimoto, K. 1974. Termites of *Glyptotermes* species in Japan. Shiroari (Termite) 22: 22–24. [in Japanese, with English title]
Morimoto, K. 1975a. Biology of termites in the Far East. Review of Plant Protection Research 8: 29–40.
Morimoto, K. 1975b. The classification of termites I. Key to the genera of termites in the world. Shiroari (Termite) 23: 7–38. [in Japanese, with English title]
Morimoto, K. 1975c. The classification of termites II. Key to species of the pri[n]cipal genera of eastern Asia (1). Shiroari (Termite) 24: 49–58. [in Japanese, with English title]
Morimoto, K. 1976a. Termites from Malaya. *In* T. Kira and R. Yosii (editors), Nature and life in Southeast Asia. Vol. 7: 323–326. Tokyo: Japan Society for the Promotion of Science, vii + 354 pp.
Morimoto, K. 1976b. The classification of termites II. Key to species of the principal genera of eastern Asia (2). Shiroari (Termite) 25: 23–35. [in Japanese, with English title]
Morimoto, K. 1980. Termites. Shiroari (Termite) 44: 1–111. [in Japanese]
Morimoto, K., and K. Matsuzaki. 1981. On the *Zootermopsis angusticollis* (Hagen) found in Sendai. Shiroari (Termite) 45: 33–37. [in Japanese, with English title]
Morimoto, K., and R.S. Raros. 1977. Forest and forest products pest problems in the Philippines. Technical Bulletin of the Tropical Agricultural Research Centre, Japan 10: 1–27.
Morini, M.S.C., and A.M. Costa-Leonardo. 1992. The functional ovarioles in female imagoes of *Cornitermes cumulans* (Isoptera, Termitidae) at the swarming time. Revista Brasileira de Entomologia 36 (4): 709–715.
Morstatt, H. 1913. Ostafrikanische Termiten. I. Allgemeines über Termiten. II. Die Nataltermite und andere Arten an Kautschukbäumen. Pflanzer 9 (3): 130–141 + 3 pls.; (9): 443–464 + 3 pls.
Mostafa, S.A.S., A. Badawi, A. Dabbour, and A. Faragalla. 1982. Levels of esterase enzymes in different castes of the termite *Psammotermes hybostoma* Desneux and their inhibition by some pesticides. Sociobiology 7 (1): 129–133.
Moszkowski, L.I. 1955. *Cryptotermes kirbyi,* new species from Madagascar and *C. havilandi* (Sjöstedt) from Africa and introduced into Madagascar, India and South America (Isoptera, Kalotermitidae). Mémoires de l'Institut Scientifique de Madagascar (E) 6: 15–41.
Motschulsky, V., de. 1855. Voyages: lettre de M. de Motschulsky à M. Ménétriés. Etudes Entomologiques 4: 8–25.
Moutia, [L.]A. 1936. Temites in Mauritius. Bulletin, Department of Agriculture, Mauritius: Scientific Series 21: 1–30 + 21 pls.
Moutia, L.A., and R. Mamet. 1946. A review of twenty-five years of economic entomology in the Island of Mauritius. Bulletin of Entomological Research 36 (4): 439–472 + 2 pls.
Moutia, [L.]A., and R. Mamet. 1947. An annotated list of insects and Acarina of economic importance in Mauritius. Mauritius Department of Agriculture Science Series Bulletin 29: 1–43.
Mueller, U.G., and N. Gerardo. 2002. Fungus farming insects: multiple origins and diverse evolutionary histories. Proceedings of the National Academy of Sciences of the United States of America 99 (24): 15247–15249.
Mukerji, D. 1970. Embryology of termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 37–72. New York: Academic Press, xiv + [1] + 643 pp.
Mukerji, D., and S.R. Chaudhuri. 1943. On the anatomy of the alimentary system of the termite *Termes redemanni* Wasmann. Indian Journal of Entomology 5: 59–88.
Mukerji, D., and R. Chowdhuri [= S.R. Chaudhuri]. 1962. Developmental stages of *Odontotermes redemanni* (Wasmann). *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 77–95. Paris: UNESCO, 259 pp.
Mukerji, D., and P.K. Mitra. 1949. Ecology of the mound-building termite, *Odontotermes redemanni* (Wasmann) in relation to measures of control. Proceedings of the Zoological Society of Bengal 2 (1): 9–25.
Mukerji, D., and S. Raychaudhuri [= S.R. Chaudhuri]. 1942. Structure, function, and origin of the exudate organs in the abdomen of the physogastric queen of the termite *Termes redemanni* Wasmann. Indian Journal of Entomology 4 (2): 173–199.

Mukherjee, P., and P.K. Maiti. 1988. Two new species of flagellates of the genus *Pyrsonympha* Leidy (Mastigophora: Protozoa) from *Reticulitermes tirapi* Chhotani and Das (Isoptera: Insecta). Proceedings of the Zoological Society (Calcutta) 38 [1985]: 37–45.

Mukherjee, P., and P.K. Maiti. 2008. Description of two new species of termites (Isoptera: Insecta) from the Himalaya. Records of the Zoological Survey of India 108 (3): 1–8.

Muller, C., S. Freitag, C.H. Scholtz, and A.S. van Jaarsveld. 1997. Termite (Isoptera) distributions, endemism, species richness and priority conservation areas: consequences for land-use planning in South Africa. African Entomology 5 (2): 261–271.

Müller, F. 1871. [Remarks on some white ants presented by H.A. Hagen]. Proceedings of the Boston Society of Natural History 13 [1870]: 205–206.

Müller, F. 1873. Beiträge zur Kenntniss der Termiten. Jenaische Zeitschrift für Medizin und Naturwissenschaft 7 (3): 333–358, 451–463.

Müller, F. 1875. Beiträge zur Kenntniss der Termiten. Jenaische Zeitschrift für Medizin und Naturwissenschaft 9: 241–264 + pls. 10–13.

Müller, F. 1887. Die Nymphen der Termiten. Entomologische Nachrichten 13 (12): 177–178.

Müller, F. 1890. Contribution to the knowledge of the termites. American Naturalist 24 (288): 1118–1130. [English translation of Müller, 1873: 451–463]

Muller, H., and J. Korb. 2008. Male or female soldiers? An evaluation of several factors which may influence soldier sex ration in lower termites. Insectes Sociaux 55: 213–219.

Mumford, B.C. 1965. List of intercepted plant pests, 1964. United States Department of Agriculture, Agricultural Research Service, Plant Quarantine Division 1965: 15–31.

Munthali, D.C., J.W.M. Logan, T.G. Wood, and G.K.C. Nyirenda. 1999. Termite distribution and damage to crops on smallholder farms in southern Malawi. Insect Science and Its Application 19 (1): 43–49.

Muradian, R., S. Issa, and K. Jaffe. 1999. Energy consumption of termite colonies of *Nasutitermes ephratae* (Isoptera: Termitidae). Physiology and Behavior 66 (5): 731–735.

Musgrave, A. 1932. Bibliography of Australian entomology 1775–1930 with biographical notes on authors and collectors. Sydney: Royal Zoological Society of New South Wales, viii + 380 pp.

Myers, J.G. 1938. The epigamic behaviour of the termite *Microtermes sudanensis* Sjst. observed at Kagelu, Yei, Equatorial Prov., Anglo-Egyptian Sudan. Economic importance of termites to the native Azande. Proceedings of the Royal Entomological Society of London, Series A, General Entomology 13 (1–3): 7–8.

Myles, T.G. 1986a. Evidence of parental and/or sibling manipulation in three species of termites in Hawaii (Isoptera). Proceedings of the Hawaiian Entomological Society 27: 129–133.

Myles, T.G. 1986b. Reproductive soldiers in the Termopsidae (Isoptera). Pan-Pacific Entomologist 62 (4): 293–299.

Myles, T.G. 1988a. Resource inheritance in social evolution from termites to man. *In* C.N. Slobodchikoff (editor), The ecology of social behavior: 379–423. San Diego: Academic Press, ix + 429 pp.

Myles, T.G. 1988b. Dealation in termites (Isoptera). Sociobiology 14 (1): 61–88.

Myles, T.G. 1990. *Coptotermes crassus* Ping preoccupied by *C. crassus* Snyder renamed *C. pingi* (Isoptera: Rhinotermitidae). Proceedings of the Entomological Society of Washington 92 (4): 813.

Myles, T.G. 1995. New records of drywood termite introduction, interception and extirpation in Ontario. Proceedings of the Entomological Society of Ontario 126: 77–83.

Myles, T.G. 1997. A second species of the drywood termite genus *Marginitermes* (Isoptera: Kalotermitidae). Canadian Entomologist 129: 757–768.

Myles, T.G. 1998. Phylogeny and taxonomy of the Isoptera. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 334. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Myles, T.G. 1999. Review of secondary reproduction in termites (Insecta: Isoptera) with comments on its role in termite ecology and social evolution. Sociobiology 33 (1): 1–91.

Myles, T.G. 2002a. Alarm, aggregation, and defense by *Reticulitermes flavipes* in response to a naturally occurring isolate of *Metarhizium anisopliae.* Sociobiology 40 (2): 243–255.

Myles, T.G. 2002b. Isolation of *Metarhizium anisopliae* (Deuteromycotina: Hyphomycetes) from *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) with convenient methods for its culture and collection of Conidia. Sociobiology 40 (2): 257–264.

Myles, T.G. 2002c. Laboratory studies on the transmission of *Metarhizium anisopliae* in the Eastern subterranean termite, *Reticulitermes flavipes* (Isoptera: Rhinotermitidae), with a method for applying appropriate doses of Conidia to trapped termites for release. Sociobiology 40 (2): 265–276.

Myles, T.G., and F. Chang. 1984. The caste system and caste mechanisms of *Neotermes connexus* (Isoptera, Kalotermitidae). Sociobiology 9: 163–321.

Myles, T.G., and J.K. Grace. 1991. Behavioural ecology of the eastern subterranean termite in Ontario as a basis for control. Proceedings of the Technology Transfer Conference, Ontario, Ministry of the Environment, 25–26 November 1991. Vol. II. The multi-media approach: integrated environmental protection 1991: 547–554.

Myles, T.G., and W.L. Nutting. 1988. Termite eusocial evolution: a re-examination of Bartz's hypothesis and assumptions. Quarterly Review of Biology 63 (1): 1–23.

Myles, T.G., and R.L. Smith. 1990. Caste-specific patterns of sensory structures on the terminal surfaces of palpi in the termite *Pterotermes occidentalis* (Walker) (Isoptera: Kalotermitidae). Journal of the Kansas Entomological Society 63 (1): 204–207.

Nagin, R. 1972. Caste determination in *Neotermes jouteli* (Banks). Insectes Sociaux 19 (1): 39–61.

Nakajima, S., and H. Mori. 1962. On the Satsuma-termite, *Kalotermes* (*Glyptotermes*) *satsumensis* (Matsumura). Shiroari (Termite) 1: 8–10. [in Japanese]

Nakashima, K., H. Watanabe, H. Saitoh, G. Tokuda, and J.-I. Azuma. 2002. Dual cellulose-digesting system of the wood-feeding termite, *Coptotermes formosanus* Shiraki. Insect Biochemistry and Molecular Biology 32 (7): 777–784.

Nakayama, T., T. Yoshimura, and Y. Imamura. 2004. Effects of desiccation process on survival and food consumption of Japanese subterranean termites (Isoptera: Rhinotermitidae), *Reticulitermes speratus* and *Coptotermes formosanus*. Sociobiology 44 (1): 127–138.

Nalepa, C.A. 1984. Colony composition, protozoan transfer and some life history characteristics of the woodroach *Cryptocercus punctulatus* Scudder (Dictyoptera: Cryptocercidae). Behavioral Ecology and Sociobiology 14: 273–279.

Nalepa, C.A. 1991. Ancestral transfer of symbionts between cockroaches and termites: an unlikely scenario. Proceedings of the Royal Society of London, Series B, Biological Sciences 246: 185–189.

Nalepa, C.A. 1994. Nourishment and the origin of termite eusociality. *In* J.H. Hunt and C.A. Nalepa (editors), Nourishment and evolution in insect societies: 57–104. Boulder, CO: Westview Press, xii + 449 pp.

Nalepa, C.A. 1998. Distribution of *Kalotermes approximatus* (Isoptera: Kalotermitidae) in North Carolina. Florida Entomologist 81 (2): 251–254.

Nalepa, C.A. 2010. Altricial development in wood-feeding cockroaches: the key antecedent of termite eusociality. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 69–95. Dordrecht: Springer, xiv + 576 pp.

Nalepa, C.A., and C. Bandi. 2000. Characterizing the ancestors: paedomorphosis and termite evolution. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 53–75. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Nalepa, C.A., and S.C. Jones. 1991. Evolution of monogamy in termites. Biological Reviews 66: 83–97.

Nalepa, C.A., and M. Lenz. 2000. The ootheca of *Mastotermes darwiniensis* Froggatt (Isoptera: Mastotermitidae): homology with cockroach oothecae. Proceedings of the Royal Society of London, Series B, Biological Sciences 267 (1454): 1809–1813.

Nalepa, C.A., L.R. Miller, and M. Lenz. 2001a. Flight characteristics of *Mastotermes darwiniensis* (Isoptera, Mastotermitidae). Insectes Sociaux 48: 144–148.

Nalepa, C.A., D.E. Bignell, and C. Bandi. 2001b. Detritivory, coprophagy, and the evolution of digestive mutualisms in Dictyoptera. Insectes Sociaux 48: 194–201.

Nalepa, C.A., P. Luykx, K.-D. Klass, and L.L. Dietz. 2002. Distribution of karyotypes of the *Cryptocercus punctulatus* species complex (Dictyoptera: Cryptocercidae) in the southern Appalachians: relation to habitat and history. Annals of the Entomological Society of America 95 (3): 276–287.

Narayanan, A.M., and R.E. Gold. 2005. Foraging distances and forager population sizes of the desert termite *Gnathamitermes tubiformans* (Isoptera: Termitidae). Sociobiology 45 (1): 53–68.

Natural Resources Institute. 1991. Computerised key to termite identification. Resource 4: 11.

Navás, R.P.L. 1911. Algunos Ortopteros y Neuropteros de Palestina. Revista Montserratena (Barcelona) 5: 120–121.

Nawa, U. 1910a. On a termite, *Leucotermes speratus*. Konchu Sekai (Insect World) 14 (11): 547–552. [in Japanese]

Nawa, U. 1910b. On a termite, *Coptotermes gestroi* Wasmann. Konchu Sekai (Insect World) 14 (12): 597–600. [in Japanese]
Nawa, U. 1911a. On the termite. Konchu Sekai (Insect World) 15 (1): 12–16. [in Japanese]
Nawa, U. 1911b. On a termite, *Calotermes koshunensis* (Shiraki) newly found in Loo-Choo. Konchu Sekai (Insect World) 15 (3): 94–99 + 1 pl. [in Japanese]
Nawa, U. 1911c. On *Termes vulgaris* Haviland? Konchu Sekai (Insect World) 15: 280–284. [in Japanese]
Nawa, U. 1911d. On two Formosan termites, *Eutermes parvonasutus* Shiraki and *Eutermes takasagoensis* Shiraki. Konchu Sekai (Insect World) 15 (10): 413–417. [in Japanese]
Nawa, U. 1911e. Termites of the Bonin Islands. Konchu Sekai (Insect World) 15 (10): 423. [in Japanese]
Nawa, U. 1912a. Comparison of the soldiers belonging to eight different species of Japanese termites. Konchu Sekai (Insect World) 16: 17–19. [in Japanese]
Nawa, U. 1912b. On *Eutermes takasagoensis* Shiraki. Konchu Sekai (Insect World) 16 (6): 221–223. [in Japanese]
Nawa, U. 1912c. On *Calotermes kotoensis* Oshima = *Calotermes* (*Cryptotermes*) *formosae* Holmgren. Konchu Sekai (Insect World) 16 (11): 440–444. [in Japanese]
Ndiaye, A.B., and S.H. Han. 2002. Attaque des arbres fruitiers par les termites en Casamance (Sénégal) (Isoptera). Bulletin de la Société Entomologique de France 107 (2): 193–199.
Ndiaye, A.B., and S.H. Han. 2006. L'attaque des arbres fruitiers par les termites dans la région de Thiès (Sénégal) (Isoptera). Bulletin de la Société Entomologique de France 111 (1): 59–64.
N'diaye, M.S. 1977. Le développement post-embryonnaire de l'appareil génital chez les sexués de *Cubitermes fungifaber* (Sjöstedt) (Termitidae, Termitinae). Insectes Sociaux 24 (1): 37–60.
Nel, A. 1984. Description d'une nouvelle espèce de termite fossile du stampien d'Aix-en-Provence (Dictyoptera, Termitidae, Termitinae). Entomologica Gallica 1 (3): 159–160.
Nel, A. 1986. Sur trois espèces nouvelles de termites fossiles du Stampien d'Aix-en-Provence (Bouches-du-Rhône) (Dictyoptera, Hodotermitidae, Mastotermitidae). Entomologiste (Paris) 42 (5): 271–278.
Nel, A. 1987. Deux nouveaux termites du Tertiaire du sud-est de la France (Dictyoptera, Hodotermitidae, Kalotermitidae). Revue Française d'Entomologie (Nouvelle Série) 9 (1): 17–20.
Nel, A., and A. Arillo. 1995. Révision de *Mastotermes haidingeri* (Heer, 1849). Description de deux nouveaux *Mastotermes* de l'Oligocène de France et d'Espagne (Isoptera, Mastotermitidae). Bulletin de la Société Entomologique de France 100 (1): 67–74.
Nel, A., and E. Bourguet. 2006. Termite[s] of the early Eocene amber of France (Isoptera: Mastotermitidae, Kalotermitidae). Neues Jahrbuch für Geologie und Paläontologie Monatschefte 2006 (2): 101–115.
Nel, A., and F.D. Duncan. 1988. The development of laboratory colonies of the harvester termite, *Hodotermes mossambicus* (Hagen). Journal of the Entomological Society of Southern Africa 51 (1): 146–147.
Nel, A., and J.-C. Paicheler. 1993. Les Isoptera fossiles. État actuel connaissances, implications paléoécologiques et paléoclimatologiques [Insecta, Dictyoptera]. Cahiers de Paléontologie 1993: 103–179.
Nel, A., C. Caussanel, and B.A. Ly. 1996. *Psammotermes hybostoma* Desneux, 1902 in Islamic Republic of Mauritania. Economical and ecological implications for the destruction of the desert *Euphorbias* (Isoptera: Rhinotermitidae). Annales de la Société Entomologique de France (n.s.) 32 (4): 467–473.
Nel, A., T.C. de K. Van der Linde, and P.H. Hewitt. 1987. Anatomy and histology of the alimentary canal of the harvester termite *Hodotermes mossambicus* (Hagen) (Isoptera: Hodotermitidae). Journal of the Entomological Society of Southern Africa 50 (2): 493–511.
Nel, J.J.C. 1968. Aggressive behaviour of the harvester termites *Hodotermes mossambicus* (Hagen) and *Trinervitermes trinervoides* (Sjöstedt). Insectes Sociaux 15 (2): 145–156.
Nel, J.J.C. 1970. Aspekte van die gedrag van die werkers van die grasdraertermiet, *Hodotermes mossambicus* (Hagen) in die veld. Journal of the Entomological Society of Southern Africa 33 (1): 23–34.
Nel, J.J.C., and P.H. Hewitt. 1969. Effects of solar radiation on the harvester termite, *Hodotermes mossambicus* (Hagen). Nature 223 (5208): 862–863.
Nel, J.J.C., and P.H. Hewitt. 1978. Swarming in the harvester termite *Hodotermes mossambicus* (Hagen). Journal of the Entomological Society of Southern Africa 41 (2): 195–198.
Nel, J.J.C., and E.M. Malan. 1974. The distribution of the mounds of *Trinervitermes trinervoides* in the central Orange Free State. Journal of the Entomological Society of Southern Africa 37 (2): 251–256.
Nel, R.J. 1929. Studies on the development of the genitalia and the genital ducts in insects. I. Female of Orthoptera and Dermaptera. Quarterly Journal of Microscopical Science 73: 25–85.

Nelson, L.J., L.G. Cool, B.T. Forschler, and M.I. Haverty. 2001. Correspondence of soldier defense secretion mixtures with cuticular hydrocarbon phenotypes for chemotaxonomy of the termite genus *Reticulitermes* in North America. Journal of Chemical Ecology 27 (7): 1449–1479.

Nelson, L.J., L.G. Cool, C.W. Solek, and M.I. Haverty. 2008. Cuticular hydrocarbons and soldier defense secretions of *Reticulitermes* in southern California: a critical analysis of the taxonomy of the genus in North America. Journal of Chemical Ecology 34: 1452–1475.

Neoh, K.-B., and C.-Y. Lee. 2009a. Flight activity and flight phenology of the Asian subterranean termite, *Coptotermes gestroi* (Blattodea: Rhinotermitidae). Sociobiology 54 (2): 521–530.

Neoh, K.-B., and C.-Y. Lee. 2009b. Developmental stages and castes of two sympartic subterranean termites *Macrotermes gilvus* and *Macrotermes carbonarius* (Blatttodea: Termitidae). Annals of the Entomological Society of America 102 (6): 1091–1098.

New Zealand Forest Service. 1980. Report of the Forest Research Institute for 1 January to 31 December 1979. Wellington: New Zealand Forest Service, 120 pp.

Newman, E. 1853. Proposed division of Neuroptera into two classes. Zoologist 11 (appendix): clxxxi–cciv [181–204].

Ngee, P.-S., and C.-Y. Lee. 2002. Colony characterization of a mound-building subterranean termite, *Globitermes sulphureus* (Isoptera: Termitidae) using modified single-mark recapture tecnique. Sociobiology 40 (3): 525–532.

N'go-Bikoue, A.M., A. Brauman, and C. Rouland. 1998. Dégradation des composés phénoliques par des microorganismes symbiontes du termite *Pseudacanthotermes spiniger.* Actes des Colloques Insectes Sociaux 11: 81–84.

Nguyen, D.K. 1989. The list of termites from Vietnam. Tap Chi Sinh Hoc 11 (4): 8–9.

Nicholls, A.G. 1929. A new species of termite from the eastern Goldfields region of Western Australia. Journal of the Royal Society of Western Australia 15 (3): 19–23.

Nichols, E.R. 1929. Termites of southern California. Journal of Entomology and Zoology 21: 123.

Nichols, E.R. 1931. An attempt to classify species of termites from mandibles of workers and nymphs. Journal of Entomology and Zoology 23 (1): 1–2.

Nickle, D.A. 1990. Order Isoptera. Virginia Polytechnic Institute and State University College of Agriculture and Life Sciences Information Series 90 (1): 77–79.

Nickle, D.A., and M.S. Collins. 1989. Key to the Kalotermitidae of eastern United States with a new *Neotermes* from Florida (Isoptera). Proceedings of the Entomological Society of Washington 91 (2): 269–285.

Nickle, D.A., and M.S. Collins. 1990. The termite fauna (Isoptera) in the vicinity of Chamela, State of Jalisco, Mexico. Folia Entomológica Mexicana 77 [1988]: 85–122.

Nickle, D.A., and M.S. Collins. 1992. The termites of Panama (Isoptera). *In* D. Quintero and A. Aiello (editors), Insects of Panama and Mesoamerica: selected studies: 208–241. Oxford: Oxford University Press, xxii + 692 pp.

Nielsen, M.G., and G. Josens. 1978. Production by ants and termites. *In* M.V. Brian (editor), Production ecology of ants and termites: 45–53. Cambridge: Cambridge University Press, xvii + [1] + 409 pp.

Nishida, G.M., ed. 1994. Hawaiian terrestrial arthropod checklist. 2nd ed. Bishop Museum Technical Report 4: 1–287.

Nishida, G.M., and J.W. Beardsley. 2002. A review of the insects and related arthropods of Midway Atoll. Occasional Papers of the Bernice Pauahi Bishop Museum 68: 25–69.

Nishiharu, S., and H. Sasaji. 1994. Discovery of *Glyptotermes nakajimai* Morimoto (Isoptera) from Is. Aoshima, Fukui Pref., off the coast of the Japan Sea. Entomological Journal of Fukui 15: 61–62. [in Japanese]

Nishimoto, K. 1973. Distribution of termites in Europe and America. Shiroari (Termite) 18: 15–19. [in Japanese, with English title]

Nishimoto, K. 1974. Micro-structure on the surface of termite body with scanning electron microscopy. Shiroari (Termite) 20: 24–28. [in Japanese, with English title]

Nitobe, I. 1911. Current literature on the termites of Japan, with special reference to those found in Formosa. Journal of the Agricultural Society of Formosa 56: 6–26. [in Japanese]

Nkunika, P.O.Y. 1982. The termites of southern Zambia: their distribution in relation to vegetation zones. Zambia Museums Journal 6: 112–117.

Nkunika, P.O.Y. 1986. An ecological survey of the termites (Isoptera) of Lochinvar National Park, Zambia. Journal of the Entomological Society of Southern Africa 49 (1): 45–53.

Nkunika, P.O.Y. 1988. Termite species in native eucalypt forests and exotic pine plantations in South Australia. Australian Forestry 51 (2): 124–127.

Nkunika, P.O.Y. 1990. Field composition and size of the populations of the primitive damp wood termite, *Porotermes adamsoni* (Isoptera: Termopsidae) in South Australia. Sociobiology 16 (3): 251–258.

Nkunika, P.O.Y. 1992. First record of reproductive female types in the primitive dampwood termite *Porotermes adamsoni* (Froggatt) (Isoptera: Termopsidae) from South Australia. Journal of the Entomological Society of Southern Africa 55 (2): 275–276.

Nobre, T., L. Nunes, P. Eggleton, and D.E. Bignell. 2006. Distribution and genetic variation of *Reticulitermes* (Isoptera: Rhinotermitidae) in Portugal. Heredity 96 (5): 403–409.

Nobre, T., L. Nunes, and D.E. Bignell. 2008. Colony interactions in *Reticulitermes grassei* population assessed by molecular genetic methods. Insectes Sociaux 55: 66–73.

Nobre, T., C. Rouland-Lefèvre, and D.K. Aanen. 2010. Comparative biology of fungus cultivation in termites and ants. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 193–210. Dordrecht: Springer, xiv + 576 pp.

Noda, S., O. Kitade, T. Inoue, M. Kawai, M. Kanuka, K. Hiroshima, Y. Hongoh, R. Constantino, V. Uys, J. Zhong, T. Kudo, and M. Ohkuma. 2007. Cospeciation in the triplex symbiosis of termite gut protists (*Pseudotrichonympha* spp.), their hosts, and their bacterial endosymbionts. Molecular Ecology 16: 1257–1266.

Noirot, C. 1952. Le polymorphisme social chez les termites et son determinisme. Colloques Internationaux du Centre National de la Recherche Scientifique 34: 103–116.

Noirot, C. 1953. Les soins et l'alimentation des jeunes chez les termites. Annales des Sciences Naturelles, Zoologie (11) 14 [1952]: 405–141.

Noirot, C. 1954. Le polymorphisme des termites supérior. Année Biologique 30 (11–12): 461–474.

Noirot, C. 1955a. Termites du centre et du sud-ouest de l'Angola récoltés par A. de Barros Machado. Publicações Culturais da Companhia de Diamantes de Angola 27: 139–150.

Noirot, C. 1955b. Recherches sur le polymorphisme des termites supérieurs (Termitidae). Annales des Sciences Naturelles, Zoologie (11) 17: 399–595 + 4 pls.

Noirot, C. 1956. Les sexués de remplacement chez les termites supérieurs (Termitidae). Insectes Sociaux 3 (1): 145–158.

Noirot, C. 1958a. Sur l'apparition de gonoductes hétérologues au cours du développement des termites, des Blattes et des Orthoptères. Proceedings 10th International Congress of Entomology, Montreal 1956 1: 557–559.

Noirot, C. 1958b. Remarques sur l'ecologie des termites. Annales de la Société Royale Zoologique de Belgique 89: 151–169.

Noirot, C. 1959a. Sur le nid et la biologie de *Macrotermes gilvus* Holmgr. dans le rizières du Cambodge. Insectes Sociaux 6 (2): 179–184 + 2 pls.

Noirot, C. 1959b. Les nids de *Globitermes sulphureus* Haviland au Cambodge. Insectes Sociaux 6 (3): 259–270 + 1 pl.

Noirot, C. 1961. L'évolution de la faune de termites des savanes côtières de Côte d'Ivoire. Verhandlungen der XI. Internationaler Kongress für Entomologie, Wien 1960 1: 658–659.

Noirot, C. 1966. Description et affinités de deux nouveaux genres d'Amitermitinae (Isoptera, Termitidae). Insectes Sociaux 13 (4): 329–345.

Noirot, C. 1969a. Glands and secretions. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 89–123. New York: Academic Press, xiii + 598 pp.

Noirot, C. 1969b. Formation of castes in the higher termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 311–350. New York: Academic Press, xiii + 598 pp.

Noirot, C. 1970. The nests of termites. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 73–125. New York: Academic Press, xiv + [1] + 643 pp.

Noirot, C. 1973. Cytologie untrastructurale et phylogenie des termites. Proceedings, International Union for the Study of Social Insects, University of Southampton 1973: 292–295.

Noirot, C. 1974. Polymorphismus bei höheren Termiten. *In* G.H. Schmidt (editor), Sozialpolymorphismus bei Insekten. Probleme der Kastenbildung im Tierreich: 740–765. Stuttgart: Wissenschaftliche Verlagsgeselschaft MBH, xxiv + 947 pp.

Noirot, C. 1977. Nest construction and phylogeny in termites. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 177–180. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Noirot, C. 1982. La caste des ouvriers, element majeur du succès evolutif des termites. Rivista di Biologia (Rome) 75 (2): 157–195.

Noirot, C. 1985a. Phéromones, polymorphisme et reproduction chez les insectes sociaux. Bulletin de la Société Entomologique de France 90 (5–6/7–8, supplement): 199–207.

Noirot, C. 1985b. Pathways of caste development in the lower termites. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 41–57. Oxford: Pegamon Press, xiv + 405 pp.

Noirot, C. 1985c. The caste system in higher termites. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 75–86. Oxford: Pegamon Press, xiv + 405 pp.

Noirot, C. 1985d. Differentiation of reproductives in higher termites. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 177–186. Oxford: Pegamon Press, xiv + 405 pp.

Noirot, C. 1989. Social structure in termite societies. Ethology Ecology and Evolution 1: 1–17.

Noirot, C. 1990a. La caste des soldats chez les termites: originalité, évolution. Actes des Colloques Insectes Sociaux 6: 21–26.

Noirot, C. 1990b. Evolution of polymorphism in Isoptera: developmental and behavioural constraints. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 333–334. Leiden: E.J. Brill, xxxi + 765 pp.

Noirot, C. 1990c. Sexual castes and reproductive strategies in termites. *In* W. Engels (editor), Social insects: an evolutionary approach to castes and reproduction: 5–35. Berlin: Springer Verlag, 264 pp.

Noirot, C. 1991. Caste differentiation in Isoptera: basic features, role of pheromones. Ethology Ecology and Evolution, Special Issue 1: 3–7.

Noirot, C. 1992. From wood- to humus-feeding: an important trend in termite evolution. *In* J. Billen (editor), Biology and evolution of social insects: 107–119. Leuven, Belgium: Leuven University Press, viii + [2] + 390 pp.

Noirot, C. 1995a. The sternal glands of termites: segmental pattern, phylogenetic implications. Insectes Sociaux 42 (3): 321–323.

Noirot, C. 1995b. The gut of termites (Isoptera). Comparative anatomy, systematics, phylogeny. I. Lower termites. Annales de la Société Entomologique de France (n.s.) 31 (3): 197–226.

Noirot, C. 2001. The gut of termites (Isoptera). Comparative anatomy, systematics, phylogeny. II. Higher termites (Termitidae). Annales de la Société Entomologique de France (n.s.) 37 (4): 431–471.

Noirot, C., and P. Bodot. 1964. L'essaimage d'*Allognathotermes hypogeus* Silv. (Isoptera, Termitidae). Comptes Rendus des Séances de l'Académie des Sciences 258: 3357–3359.

Noirot, C., and C. Borderau. 1991. Termite polymorphism and morphogenetic hormones. *In* A.P. Gupta (editor), Morphogenetic hormones of arthropods: 293–324. New Brunswick, NJ: Rutgers University Press, 635 pp.

Noirot, C., and J.P.E.C. Darlington. 2000. Termite nests: architecture, regulation and defence. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 121–139. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Noirot, C., and J. Kovoor. 1958. Anatomie comparée du tube digestif des termites. I. Sous-famille des "Termitinae." Insectes Sociaux 5 (4): 439–471 + 3 pls.

Noirot, C., and C. Noirot-Timothée. 1959. "*Termitophrya*" gen. nov., nouveau type d'infusoire cilié commensal de certains termites. Comptes Rendus des Séances de l'Académie des Sciences 249: 775–777.

Noirot, C., and C. Noirot-Timothée. 1963. Construction et reconstruction du nid chez *Cubitermes fungifaber* Sjöst. Symposia Genetica et Biologica Italica 11: 180–188.

Noirot, C., and C. Noirot-Timothée. 1965a. Ultrastructure de la glande sternale chez le termite *Calotermes flavicollis*. *In* P. Freeman, (editor), Proceedings 12th international congress of entomology, London, 8–16 July, 1964: 129. London: 12th International Congress of Entomology, 836 pp.

Noirot, C., and C. Noirot-Timothée. 1965b. Organisation de la glande sternale chez *Calotermes flavicollis* F. (Insecta, Isoptera). Comptes Rendus des Séances de l'Académie des Sciences 260: 6202–6204 + 4 pls.

Noirot, C., and C. Noirot-Timothée. 1965c. La glande sternale dans l'évolution des termites. Insectes Sociaux 12 (3): 265–272.

Noirot, C., and C. Noirot-Timothée. 1966. Revêtement de la membrane cytoplasmique et absorption des ions dans les papilles rectales d'un termite (Insecta, Isoptera). Comptes Rendus des Séances de l'Académie des Sciences, D, Sciences Naturelles 263: 1099–1102.

Noirot, C., and C. Noirot-Timothée. 1967a. Un nouveau type de jonction intercellulaire (*zonula continua*) dans l'intestin moyen des insectes. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 264 (24): 2796–2798 + 2 pls.

Noirot, C., and C. Noirot-Timothée. 1967b. L'épithélium absorbant de la panse d'un termite supérieur. Ultrastructures et rapport avec la symbiose bactérienne. Annales de la Société Entomologique de France 3 (3): 577–592.
Noirot, C., and C. Noirot-Timothée. 1969. The digestive system. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 49–88. New York: Academic Press, xiii + 598 pp.
Noirot, C., and C. Noirot-Timothée. 1977. Fine structure of the rectum in termites (Isoptera): a comparative study. Tissue and Cell 9 (4): 693–710.
Noirot, C., and J.M. Pasteels. 1987. Ontogenetic development and evolution of the worker caste in termites. Experientia (Basel) 43 (8): 851–860.
Noirot, C., and J.M. Pasteels. 1988. The worker caste is polyphyletic in termites. Sociobiology 14 (1): 15–20.
Noirot, C., and A. Quennedey. 1974. Fine structure of insect epidermal glands. Annual Review of Entomology 19: 61–80.
Noirot, C., and B.L. Thorne. 1988. Ergatoid reproductives in *Nasutitermes columbicus* (Isoptera, Termitidae). Journal of Morphology 195 (1): 83–93.
Noirot, C., C. Noirot-Timothée, and J. Kovoor. 1967. Revêtement particulaire de la membrane plasmatique en rapport avec l'excrétion dans une région specialisée de l'intestin moyen des termite supérieurs. Comptes Rendus des Séances de l'Académie des Sciences, D, Sciences Naturelles 264: 722–725.
Noirot, C., C. Noirot-Timothée, D.S. Smith, and M.L. Cayer. 1978. Cryofracture de la cuticule des insectes: mise en évidence d'un plan de clivage dans l'épicuticule externe; implications structurales et fonctionnelles. Comptes Rendus des Séances de l'Académie des Sciences, D, Sciences Naturelles 287 (5): 503–505.
Noirot, C., C. Noirot-Timothée, and S.H. Han. 1986. Migration and nest building in *Cubitermes fungifaber* (Isoptera, Termitidae). Insectes Sociaux 33 (4): 361–374.
Noirot-Timothée, C., and C. Noirot. 1965. L'intestin moyen chez la reine des termites supérieurs. Étude au microscope électronique. Annales des Sciences Naturelles, Zoologie et Biologie Animale (12) 7 (1): 185–208 + 10 pls.
Nonveiller, G. 1984. Catalogue Commente et Illustre des Insectes du Cameroun d'Intérêt Agricole (Apparations, Repartition, Importance). Belgrad: Institut pour la Protection des Plantes, viii + 210 pp.
Nour, H., M. Sharawy, and H. Hillal. 1966. Non subterranean termites from Egypt (Isoptera: Kalotermitidae). Bulletin de la Société Entomologique d'Égypt 49 [1965]: 321–322.
Nuhamara, S.T. 1977. Some termites in Bogor Botanic Garden. Biotrop, Special Publication 2: 105–112.
Nunes, L., M. Gaju, J. Křeček, R. Molero, M.T. Ferreira and C.B. de Roca. 2010. First records of urban invasive *Cryptotermes brevis* (Isoptera: Kalotermitidae) in continental Spain and Portugal. Journal of Applied Entomology 134 (8): 637–640.
Nurse, F.R. 1945. Protozoa from New Zealand termites. Transactions of the Royal Society of New Zealand 74 (4): 305–314.
Nutting, W.L. 1965. Observation on the nesting site and biology of the Arizona dampwood termite *Zootermopsis laticeps* (Banks) (Hodotermitidae). Psyche (Cambridge) 72 (1): 113–125.
Nutting, W.L. 1966a. Colonizing flights and associated activities of termites. I. The desert damp-wood termite *Paraneotermes simplicicornis* (Kalotermitidae). Psyche (Cambridge) 73 (2): 131–149.
Nutting, W.L. 1966b. Distribution and biology of the primitive dry-wood termite *Pterotermes occidentis* (Walker) (Kalotermitidae). Psyche (Cambridge) 73 (3): 165–179.
Nutting, W.L. 1966c. The seasonal flights of *Pterotermes* and *Zootermopsis* in southern Arizona. Proceedings of the 2nd Workshop on Termite Research [Biloxi, Mississippi, 8–10 November 1965] 1966: 17–19.
Nutting, W.L. 1969a. Flight and colony foundation. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 233–282. New York: Academic Press, xiii + 598 pp.
Nutting, W.L. 1969b. The desert termites. Pest Control 37 (9): 11–12, 20.
Nutting, W.L. 1969c. Distribution and flights of rare North American desert termites of the genus *Amitermes* (Isoptera: Termitidae). Pan-Pacific Entomologist 45 (4): 320–325.
Nutting, W.L. 1970a. Composition and size of some termite colonies in Arizona and Mexico. Annals of the Entomological Society of America 63 (4): 1105–1110.
Nutting, W.L. 1970b. Free diurnal foraging by the North American nasutiform termite, *Tenuirostritermes tenuirostris* (Isoptera: Termitidae). Pan-Pacific Entomologist 46 (1): 39–42.
Nutting, W.L. 1979a. Biological notes on a rare dry-wood termite in the southwest, *Incisitermes banksi* (Kalotermitidae). Southwestern Entomologist 4 (4): 308–310.
Nutting, W.L. 1979b. Termite flight periods: strategies for predator avoidance? Sociobiology 4 (2): 141–151.

Nutting, W.L. 1990a. Insecta: Isoptera. *In* D.L. Dindal (editor), Soil biology guide: 997–1032. New York: Wiley, xxvii + 1349 pp.

Nutting, W.L. 1990b. Three estimates of colony size for *Heterotermes aureus* in southeastern Arizona (Isoptera: Rhinotermitidae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 46. Leiden: E.J. Brill, xxxi + 765 pp.

Nutting, W.L., and S.C. Jones. 1990. Methods for studying the ecology of subterranean termites. Sociobiology 17 (1): 167–189.

Nutting, W.L., M.I. Haverty, and J.P. La Fage. 1973. Foraging behaviour of two species of subterranean termites in the Sonoran Desert of Arizona. Proceedings of the VIIth international congress of the International Union for the Study of Social Insects, London, 10–15 September, 1973: 298–300. London: International Union for the Study of Social Insects, vi + 418 pp.

Nutting, W.L., M.S. Blum, and H.M. Fales. 1974. Behavior of the North American termite *Tenuirostritermes tenuirostris,* with special reference to the soldier frontal gland secretion, its chemical composition, and use in defense. Psyche (Cambridge) 81 (1): 167–177.

Oakley, R.G. 1940. Classification and identification of Guam insects. Guam Recorder 16 (12): 508.

Oakley, R.G. 1946. Entomological observations in the Marshall, Caroline and Mariana islands [mimeograph]. Honolulu: U.S. Commercial Co., Report Vol. 14 (2), 82 pp.

Oakley, R.G. 1953. Notes on economic insects of Micronesia. Proceedings of the Seventh Pacific Science Congress, New Zealand 4: 174–185.

O'Brien, G.W., P.C. Veivers, S.E. McEwen, M. Slaytor, and R.W. O'Brien. 1979. The origin and distribution of cellulase in the termites, *Nasutitermes exitiosus* and *Coptotermes lacteus.* Insect Biochemistry 9 (6): 619–625.

O'Brien, R.W., and M. Slaytor. 1982. Role of microorganisms in the metabolism of termites. Australian Journal of Biological Sciences 35: 239–262.

Odelson, D.A., and J.A. Breznak. 1983. Volatile fatty acid production by the hindgut microbiota of xylophagous termites. Applied and Environmental Microbiology 45 (5): 1602–1613.

Ogutu, W.O. 1995. Termite fauna of Ramogi Hill Forest, Nyanza Province. EANHS [East Africa Natural History Society] Bulletin 25 (1): 2–6.

Ohiagu, C.E. 1979a. Nest and soil populations of *Trinervitermes* spp. with particular reference to *T. geminatus* (Wasmann), (Isoptera), in Southern Guinea savanna near Mokwa, Nigeria. Oecologia (Berlin) 40 (2): 167–178.

Ohiagu, C.E. 1979b. A quantitative study of seasonal foraging by the grass harvesting termite, *Trinervitermes geminatus* (Wasmann), (Isoptera, Nasutitermitinae) in Southern Guinea savanna, Mokwa, Nigeria. Oecologia (Berlin) 40 (2): 179–188.

Ohiagu, C.E., and T.G. Wood. 1976. A method for measuring rate of grass-harvesting by *Trinervitermes geminatus* (Wasmann) (Isoptera, Nasutitermitinae) and observation on its foraging behaviour in southern guinea savanna, Nigeria. Journal of Applied Ecology 13 (3): 705–713.

Ohkuma, M., and A. Brune. 2010. Diversity, structure, and evolution of the termite gut microbial community. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 413–438. Dordrecht: Springer, xiv + 576 pp.

Ohkuma, M., S. Noda, R. Usami, K. Horikoshi, and T. Kudo. 1996. Diversity of nitrogen fixation genes in the symbiotic intestinal microflora of the termite *Reticulitermes speratus.* Applied and Environmental Microbiology 62 (8): 2747–2752.

Ohkuma, M., H. Yuzawa, W. Amornsak, Y. Sornnuwat, Y. Takematsu, A. Yamada, C. Vongkaluang, O. Sarnthoy, N. Kirtibutr, N. Noparatnaraporn, T. Kudo, and T. Inoue. 2004. Molecular phylogeny of Asian termites (Isoptera) of the families Termitidae and Rhinotermitidae based on mitochondrial COII sequences. Molecular Phylogenetics and Evolution 31: 701–710.

Ohkuma, M., S. Noda, Y. Hongoh, C.A. Nalepa, and T. Inoue. 2009. Inheritance and diversification of symbiotic trichonymphid flagellates from a common ancestor of termites and the cockroach *Cryptocercus.* Proceedings of the Royal Society of London. Series B. Biological Sciences 276: 239–245.

Okello-Oloya, T., A.V. Spain, and R.D. John. 1985. Selected chemical characteristics of the mounds of two species of *Amitermes* (Isoptera, Termitinae) and their adjacent surface soils from northeastern Australia. Revue d'Écologie et de Biologie du Sol 22 (3): 291–311.

Okot-Kotber, B.M. 1977. Changes in corpora allata volume during development in relation to caste differentiation in *Macrotermes subhyalinus. In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 262–264. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Okot-Kotber, B.M. 1980a. Histological and size changes in corpora allata and prothoracic glands during development of *Macrotermes michaelseni* (Isoptera). Insectes Sociaux 27 (4): 361–376.

Okot-Kotber, B.M. 1980b. The influence of juvenile hormone analogue on soldier differentiation in the higher termite, *Macrotermes michaelseni.* Physiological Entomology 5: 407–416.

Okot-Kotber, B.M. 1980c. Competence of *Macrotermes michaelseni* (Isoptera: Macrotermitinae) larvae to differentiate into soldiers under the influence of juvenile hormone analogue (ZR-515, methoprene). Journal of Insect Physiology 26 (10): 655–659.

Okot-Kotber, B.M. 1981. Instars and polymorphism of castes in *Macrotermes michaelseni* (Isoptera, Macrotermitinae). Insectes Sociaux 28 (3): 233–246.

Okot-Kotber, B.M. 1982. Correlation between larval weights, endocrine gland activities and competence period during differentiation of workers and soldiers in *Macrotermes michaelseni* (Isoptera: Termitidae). Journal of Insect Physiology 28 (11): 905–910.

Okot-Kotber, B.M. 1983a. Influence of group size and composition on soldier differentiation in female final larval instars of a higher termite, *Macrotermes michaelseni.* Physiological Entomology 8: 41–47.

Okot-Kotber, B.M. 1983b. Ecdysteroid levels associated with epidermal events during worker and soldier differentiation in *Macrotermes michaelseni* (Isoptera: Macrotermitinae). General and Comparative Endocrinology 52: 409–417.

Okot-Kotber, B.M. 1985a. Caste polymorphism in a higher termite, *Macrotermes michaelseni* (Termitidae, Macrotermitinae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 87–103. Oxford: Pergamon Press, xiv + 405 pp.

Okot-Kotber, B.M. 1985b. Mechanisms of caste determination in a higher termite, *Macrotermes michaelseni* (Isoptera, Macrotermitinae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 267–306. Oxford: Pergamon Press, xiv + 405 pp.

Okot-Kotber, B.M., G.D. Prestwich, A. Strambi, and C. Strambi. 1993. Changes in morphogenetic hormone titers in isolated workers of the termite *Reticulitermes flavipes*) (Kollar). General and Comparative Endocrinology 90: 290–295.

Okwakol, M.J.N. 1989. Survival rates of humus-feeding *Cubitermes testaceus* (Williams) (Isoptera: Termitidae) in relation to organic matter content. Insect Science and Its Application 10 (4): 497–501.

Okwakol, M.J.N. 1991. Fauna associated with *Cubitermes testaceus* mounds (Isoptera: Termitidae). Insect Science and Its Application 12 (5–6): 511–514.

Okwakol, M.J.N. 2000. Changes in termite (Isoptera) communities due to the clearance and cultivation of tropical forest in Uganda. African Journal of Ecology 38 (1): 1–7.

Olagbemiro, T.O., L. Lajide, K.M. Sani, and B.W. Staddon. 1988. 2-Hydroxy-5-methyl-1,4-benzoquinone from the salivary gland of the soldier termites *Odontotermes magdalenae.* Experientia (Basel) 44: 1022–1024.

Oliveira, G.M.F., [de]. 1974. Esporoes tibiais das espécies brasileiras do gên. *Neotermes* (Isoptera: Kalotermitidae). Ciência e Cultura (São Paulo) 26 (supplement): 352. [abstract]

Oliveira, G.M.F., [de]. 1979a. *Rugitermes niger* (Isoptera, Kalotermitidae), nova espécie de térmita do sul do Brasil. Dusenia 11 (1): 9–14.

Oliveira, G.M.F., [de]. 1979b. Duas novas espécies de *Neotermes* do Brasil (Isoptera, Kalotermitidae). Dusenia 11 (2): 49–57.

Oliveira, G.M.F., [de], C. [da] Cruz-Landim, and A.M. Costa-Leonardo. 1988a. Ultra-estrutura comparada do mesêntero em três espécies de térmitas. Revista Brasileira de Biologia 48 (2): 289–298.

Oliveira, G.M.F., de, C. [da] Cruz-Landim, and A.M. Costa-Leonardo. 1988b. Aspectos ultra-estruturais do intestino posterior de *Rugitermes niger* (Kalotermitidae), *Armitermes euamignathus* e *Cornitermes cumulans* (Termitidae). Revista Brasileira de Entomologia 32 (2): 331–342.

Oloo, G.W. 1981a. Specificity of termite trails: analysis of natural trails of *Trinervitermes, Macroterrmes* and *Odontotermes* from sympatric populations. Entomologia Experimentalis et Applicata 29: 162–168.

Oloo, G.W. 1981b. The sternal gland: variation in size and activity in worker instars of *Trinervitermes bettonianus* (Sjöst.) (Termitidae). Insect Science and Its Application 2: 145–147.

Oloo, G.W. 1984. Some observations on the trail-laying behaviour of *Macrotermes michaelseni* (Sjöst) (Termitidae). Insect Science and Its Application 5 (4): 259–262.
Oloo, G.W., and R.H. Leuthold. 1979. The influence of food on trail-laying and recruitment behaviour in *Trinervitermes bettonianus* (Termitidae: Nasutitermitinae). Entomologia Experimentalis et Applicata 26: 267–278.
Oloo, G.W., and R.H. Leuthold. 1980. Behavioral and physiological changes in reproductives of *Trinervitermes bettonianus* (Sjoest.) (Isoptera: Termitidae) in the process of colony foundation. Sociobiology 5 (1): 69–78.
Oloo, G.W., and P.G. McDowell. 1982. Interspecific trail-following and evidence of similarity of trails of *Trinervitermes* species from different habitats. Insect Science and Its Application 3 (2–3): 157–161.
Omboni, G. 1886. Di alcuni insetti fossili del Veneto. Atti del Reale Istituto Veneto di Scienze, Lettere ed Arti 4 (6): 1–14.
Oshima, M. 1908. Termites found in Japan proper. Dobutsugaku Zasshi (Zoological Magazine) 20: 512–517. [in Japanese]
Oshima, M. 1909. First official report on termites [Dai Ikkai Shiroari Chosa Hokoku]. Taihoku [Taipei], Taiwan: Insitute of Science, Government of Formosa, ii + 45 pp. + 7 pls.
Oshima, M. 1910a. On Formosan termites. Dobutsugaku Zasshi (Zoological Magazine) 22: 343–346, 376–382, 411–413, 515–517. [in Japanese]
Oshima, M. 1910b. On the termite *Leucotermes speratus* (Kolbe) from Okayama and Ehime prefectures. Dobutsugaku Zasshi (Zoological Magazine) 22: 413–416. [in Japanese]
Oshima, M. 1911a. On the difference between *Leucotermes flaviceps* n. sp. and *Leucotermes speratus* (Kolbe) and the specific name of the termites found in Japan proper. Konchu Sekai (Insect World) 15: 355–363 + pl. 18. [in Japanese]
Oshima, M. 1911b. Second official report on termites [Dai Nikai Shiroari Chosa Hokoku]. Taihoku [Taipei]: Institute of Science, Government of Formosa, iii + 152 pp. + 12 pls.
Oshima, M. 1912. Third official report on termites [Dai Sankai Shiroari Chosa Hokoku]. Taihoku [Taipei]: Institute of Science, Government of Formosa, 186 pp.
Oshima, M. 1913a. Notes on the termites of Japan, with description of one new species. Philippine Journal of Science, Section D, General Biology, Ethnology and Anthropology 8 (4): 271–281.
Oshima, M. 1913b. Two new species of termites from Singapore. Philippine Journal of Science, Section D, General Biology, Ethnology and Anthropology 8 (4): 283–286.
Oshima, M. 1914a. Notes on a collection of termites from the East Indian Archipelago. Annotationes Zoologicae Japonenses 8: 553–585.
Oshima, M. 1914b. Zwei neue Termiten-Arten von Japan. Zoologischer Anzeiger 44 (7): 289–292.
Oshima, M. 1914c. Fourth official report on termites [Dai Shikai Shiroari Chosa Hokoku]. Taihoku [Taipei]: Institute of Science, Government of Formosa, ii + 173 pp. + 3 pls.
Oshima, M. 1915. Fifth official report on termites [Dai Gokai Shiroari Chosa Hokoku]. Taihoku [Taipei]: Insitute of Science, Government of Formosa, 88 pp. + 5 pls.
Oshima, M. 1916. A collection of termites from the Philippine Islands. Philippine Journal of Science, Section D, General Biology, Ethnology and Anthropology 11 (6): 351–367 + 2 pls.
Oshima, M. 1917a. Notes on a collection of termites from Luzon obtained by R.C. McGregor. Philippine Journal of Science, Section D, General Biology, Ethnology and Anthropology 12 (4): 221–227.
Oshima, M. 1917b. Sixth official report on termites [Dai Rokkai Shiroari Chosa Hokoku]. Taihoku [Taipei]: Institute of Science, Government of Formosa, 175 pp. + 13 pls.
Oshima, M. 1917c. Two species of termites from Foochow, China. A collection of essays for Mr. Y. Nawa, written in commemoration of his 60th birthday October 8, 1917 1917: 5–7.
Oshima, M. 1917d. Three new species of termites from Caroline Islands. Annotationes Zoologicae Japonenses 9 (3): 195–200.
Oshima, M. 1919. Formosan termites and methods of preventing their damage. Philippine Journal of Science 15 (4): 319–383 + 13 pls.
Oshima, M. 1920a. A new species of immigrant termite from the Hawaiian Islands. Proceedings of the Hawaiian Entomological Society 4 (2): 261–264.
Oshima, M. 1920b. Philippine termites collected by R.C. McGregor, with descriptions of one new genus and nine new species. Philippine Journal of Science, Section D, General Biology, Ethnology and Anthropology 17 (5): 489–512 + 4 pls.

Oshima, M. 1923. Fauna Simalurensis—Termitidae. Capita Zoologica 2 (3): 1–22.
Oshima, M. 1942. Termites from Palao Islands. Palao Tropical Biological Station Studies 2 (3): 381–389.
Oshima, M., and M. Maki. 1919. On a new species of termite from Taiwan. Dobutsugaku Zasshi (Zoological Magazine) 31: 313–316. [in Japanese, with English summary]
Osmun, J.V. 1957. Rearing method for subterranean termites. Proceedings of the Indiana Academy of Science 66: 141–143.
Osten Sacken, R., and H.A. Hagen. 1877. The specimens of *Termes* found in California. [Extract from a letter by Baron R. Osten Sacken, on the specimens of Termes found by him in California]. Proceedings of the Boston Society of Natural History 19: 72–73.
O'Toole, D.V., P.A. Robinson, and M.R. Myerscough. 2003. Self-organized criticality and emergent oscillations in models of termite architecture with crowding. Journal of Theoretical Biology 221: 15–27.
Ouchakoff, N. 1838. Notice sur un *Termes* fossile. Bulletin de la Société Impériale des Naturalistes de Moscou 11: 37–42 + 1 pl.
Ouchakoff, N. 1840. Notice sur un *Termes fossile.* Annales des Sciences Naturelles (2) 13: 204–207 + 1 pl.
Ozeki, M., Y. Isagi, H. Tsubota, P. Jacklyn, and D.M.J.S. Bowman. 2007. Phylogeography of an Australian termite, *Amitermes laurensis* (Isoptera, Termitidae), with special reference to the variety of mound shapes. Molecular Phylogenetics and Evolution 42: 236–247.
Packard, A.S. 1886. A new arrangement of the orders of insects. American Naturalist 20 (9): 808.
Packard, C.E. 1936. Termite distribution in the United States. Science 83 (2163): 575.
Padget, L.J. 1960. Program for eradication of *Coptotermes crassus*: a subterrranean termite new to the United States, at Todd shipyards Houston, Texas. Down to Earth 16 (2): 11–14.
Page, M., L.J. Nelson, B.T. Forschler, and M.I. Haverty. 2002. Cuticular hydrocarbons suggest three lineages in *Reticulitermes* (Isoptera: Rhinotermitidae) from North America. Comparative Biochemistry and Physiology, Part B 131: 305–324.
Pajni, H.R., and C.B. Arora. 1990. Polymorphism and polyethism in *Coptotermes heimi* (Wasmann) (Rhinotermitidae: Isoptera). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 337–338. Leiden: E.J. Brill, xxxi + 765 pp.
Pal, S.K., and V.P. Sharma. 1971. Observations on the vertical distribution and seasonal incidence of *Anacanthotermes macrocephalus* (Desn.) (Insecta: Isoptera). Indian Forester 97 (7): 430–434.
Palmer, D. 1992. The DNA that stays forever amber. New Scientist 136 (1843): 15.
Pamilo, P. 1984. Genetic relatedness and evolution of insect sociality. Behavioral Ecology and Sociobiology 15: 241–248.
Pamilo, P. 1991. Evolution of the sterile caste. Journal of Theoretical Biology 149 (1): 75–95.
Pan, C., J. Mo, C. Chen, M. Cheng, and J. Cheng. 2006a. Difference of trace elements is not a factor inducing intercolony aggression in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 48 (1): 155–164.
Pan, C., J. Mo, and M. Cheng. 2006b. Influence of diet and soil on inter-colonial aggression of *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 48 (3): 841–848.
Pan, Y.-Z., Y.-Z. Liu, and G.-Q. Tang. 1990. The establishment and development of colonies in *Reticulitermes chinensis* Snyder. Acta Entomologica Sinica 33 (2): 200–206. [in Chinese, with English summary]
Parihar, D.R 1978. Note on some termites of the Rajasthan Desert. Geobios (Jodhpur) 5 (1): 41.
Parihar, D.R. 1980. Aspects of foraging and population ecology of subterranean termites in the desert grassland ecosystem in India. Zeitschrift für Angewandte Zoologie 67 (4): 499–507.
Park, H.C., J.D. Majer, R.J. Hobbs, and T.U. Bae. 1993. Harvesting rate of the termite, *Drepanotermes tamminensis* (Hill) within native woodland and shrubland of of the Western Australian wheatbelt. Ecological Research 8 (3): 269–275.
Park, O. 1929. *Reticulitermes tibialis* Banks in the Chicago area. Proceedings of the Entomological Society of Washington 31 (7): 121–126.
Park, Y.C., O. Kitade, M. Schwartz, J.P. Kim, and W. Kim. 2006. Intraspecific molecular phylogeny, genetic variation and phylogeography of *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Molecules and Cells 21 (1): 89–103.
Park, Y.I., and A.K. Raina. 2003. Factors regulating caste differentiation in the Formosan subterranean termite with emphasis on soldier formation. Sociobiology 41: 49–60.
Park, Y.I., and A.K. Raina. 2004. Juvenile hormone III titers and regulation of soldier caste in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Journal of Insect Physiology 50: 561–566.

Park, Y.I., and A.K. Raina. 2005. Light sensitivity in workers and soldiers of the Formosan subterranean termite, *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 45 (2): 367–376.

Park, Y.I., J.M. Bland, and A.K. Raina. 2004. Factors affecting post-flight behavior in primary reproductives of the Formosan subterranean termite, *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Journal of Insect Physiology 50: 539–546.

Parmentier, D., and Y. Roisin. 2003. Caste morphology and development in *Termitogeton* nr. *planus* (Insecta, Isoptera, Rhinotermitidae). Journal of Morphology 255: 69–79.

Parra-Valencia, G., and L. Hernando-Soto. 1994. Aspectos ecologicos de los termites de la region Andina de Colombia. Cespedesia 19 (62–63) [1992]: 7–45.

Parton, A.H., P.E. Howse, R. Baker, and J.-L. Clément. 1981. Variation in the chemistry of the frontal gland secretion of European *Reticulitermes* species. *In* P.E. Howse, and J.-L. Clément (editors), Biosystematics of social insects: 193–209. New York: Academic Press, [14] + 346 pp.

Parveen, F., and M.S. Akhtar. 1997. Studies on the digestive tube and enteric valve armature of the termite species of genera *Angulitermes* and *Termes* (Isoptera: Termitidae). Pakistan Journal of Zoology 29 (1): 57–60.

Pasteels, J.M. 1965. Polyéthisme chez les ouvriers de *Nasutitermes lujae* (Termitidae isoptères). Biologia Gabonica 1 (2): 191–205.

Pasteels, J.M. 1967. Polyéthisme chez les ouvriers de *Nasutitermes lujae* lors de l'établissement d'une piste de récolte (isoptères, Termitidae). Comptes Rendus du Ve Congrès de l'Union Internationale pour l'Étude des Insectes Sociaux (Toulouse, 5–10 Juillet 1965) 1965: 151–157. Toulouse: Imprimerie Privat.

Pasteels, J.M. 1972. Sex-specific pheromones in a termite. Experientia (Basel) 28 (1): 105–106.

Pasteels, J.M., and C. Bordereau. 1998. Releaser pheromones in termites. *In* R.K. Vander Meer, M.D. Breed, K.E. Espelie, and M.L. Winston (editors), Pheromone communication in social insects: ants, wasps, bees, and termites: 193–215. Boulder, CO: Westview Press, x + [2] + 368 pp.

Pasteels, J.M., and J. Deligne. 1965. Étude du système endocrine au cours du viellissement chez les "reines" de *Microcerotermes parvus* (Haviland) et *Cubitermes heghi* (Sjöstedt) (isoptères Termitidae). Biologia Gabonica 1 (4): 325–336.

Pasteels, J.M., J.-C. Grégoire, and M. Rowell-Rahier. 1983. The chemical ecology of defense in arthropods. Annual Review of Entomology 28: 263–289.

Pasteels, J.M., Y. Roisin, C. Everaerts, O. Bonnard, J.-C. Braekman, and D. Daloze. 1988. Morphological and chemical criteria in the taxonomy of *Nasutitermes* in Papua New Guinea (Isoptera: Termitidae). Sociobiology 14 (1): 193–206.

Patil, D.S., and S. Basalingappa. 1994. Occurrence, nature and structure of the mounds of the termite *Odontotermes brunneus* Hagen (Isoptera: Termitidae) from Belgaum district, Karnataka, India. Journal of Ecobiology 6 (1): 17–26.

Paulian, R. 1950. Insectes utiles et nuisibles de la région de Tananarive. Tananarive-Tsimbazaza, Madagascar: Institut de Recherche Scientifique, 120 pp. + 6 pls.

Paulian, R. 1957. La faune entomologique de l'Ile de la Réunion. I. Isoptera. Mémoires de l'Institut Scientifique de Madagascar (E) 8: 29.

Paulian, R. 1961. La zoogéographie de Madagascar et des îles voisines. Faune de Madagascar 13: 1–485.

Paulian, R. 1962. Un nouveau termite Malgache. Naturaliste Malgache (Tananarive) 13: 275.

Paulian, R. 1970. The termites of Madagascar. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 281–294. New York: Academic Press, xiv + [1] + 643 pp.

Pawson, B.M., and R.E. Gold. 1996. Caste differentiation and reproductive dynamics of three subterranean termites in the genus *Reticulitermes* (Isoptera: Rhinotermitidae). Sociobiology 28 (3): 241–251.

Pearce, M.J. 1997. Termites: biology and pest management. Wallingford, UK: CAB International, xii + 172 pp. + 8 pls.

Pearce, M.J., and B.S. Waite. 1994. A list of termite genera (Isoptera) with comments on taxonomic changes and regional distribution. Sociobiology 23 (3): 247–263.

Pearce, M.J., A. Tiben, M.A. Kambal, R.J. Thomas, and T.G. Wood. 1986. Termites (Isoptera) from the Tokar Delta and Red Sea coastal areas of the Sudan. Journal of Arid Environments 10 (3): 193–197.

Pearce, M.J., R.H. Cowie, A.S. Pack, and D. Reavey. 1990. Intraspecific aggression, colony identity and foraging distances in Sudanese *Microtermes* spp. (Isoptera: Termitidae: Macrotermitinae). Ecological Entomology 15: 71–77.

Pearce, M.J., J.W.M. Logan, and A. Tiben. 1995. Termites (Isoptera) from the Darfur region of the Sudan with comments on their pest status. Journal of Arid Environments 30 (2): 197–206.

Pearson, H.G., S.J. Bennett, B.A. Philip and D.C. Jones. 2010. The Australian dampwood termite, *Porotermes adamsoni,* in New Zealand. New Zealand Plant Protection 63: 241–247.

Pellens, R., C.A. D'Haese, X. Bellés, M.-D. Piulachs, F. Legendre, W.C. Wheeler, and P. Grandcolas. 2007. The evolutionary transition from subsocial to eusocial behaviour in Dictyoptera: phylogenetic evidence for modification of the "shift-in-dependent-care" hypothesis with a new subsocial cockroach. Molecular Phylogenetics and Evolution 43: 616–626.

Peñalver, E., X. Martínez-Delclòs, and A. Arillo. 1999. Yacimientos con insectos fósiles en España. Revista Española de Paleontología 14 (2): 231–245.

Peng, J.-W., and S.-C. Yin. 1992. Isoptera: Kalotermitidae, Hodotermitidae, Rhinotermitidae, Termitidae. *In* J.-W. Peng and Y.-Q. Liu (editors), Iconography of forest insects in Hunan China: 25–41. Changsha, Hunan: Hunan Science and Technology Press, [8] + 60 + 4 + 1473 pp. [in Chinese, with English summary]

Peppuy, A., A. Robert, and C. Bordereau. 1999. Comportement sexuel et pheromones chez deux espèces sympatriques de *Macrotermes* asiatiques, *M. annandalei* et *M. barneyi* (Isoptera, Macrotermitinae) mise en evidence de nouvelles glandes sexuelles. Actes des Colloques Insectes Sociaux 12: 143–150.

Peppuy, A., A. Robert, E. Semon, C. Ginies, M. Lettere, O. Bonnard, and C. Bordereau. 2001a. (Z)-dodec-3-en-1-ol, a novel termite trail pheromone identified after solid phase microextraction from *Macrotermes annandalei.* Journal of Insect Physiology 47 (4–5): 445–453.

Peppuy, A., A. Robert, E. Sémon, O. Bonnard, N.T. Son, and C. Bordereau. 2001b. Species specificity of trail pheromones of fungus-growing termites from northern Vietnam. Insectes Sociaux 48 (3): 245–250.

Peppuy, A., A. Robert, and C. Bordereau. 2004. Species-specific sex pheromones secreted from new sexual glands in two sympatric fungus-growing termites from northern Vietnam, *Macrotermes annandalei* and *M. barneyi.* Insectes Sociaux 51: 91–98.

Perdereau, E., A.-G. Bagnères, S. Dupont, and F. Dedeine. 2010. High occurrence of colony fusion in a European population of the American termite *Reticulitermes flavipes.* Insectes Sociaux 57: 393–402.

Perkovsky, E.E. 2000. First record of drywood termites (Isoptera, Kalotermitidae) in Eocene Rovno amber. Dopovidi Natsional noyi Akademyi Nauk Ukrayini 9: 190–192. [in Ukrainian, with English abstract]

Perna, A., C. Jost, E. Couturier, S. Valverde, S. Douady, and G. Theraulaz. 2008. The structure of gallery networks in the nests of termite *Cubitermes* spp. revealed by X-ray tomography. Naturwissenschaften 95: 877–884.

Perozo, J., and S. Issa. 2006. *Heterotermes tenuis* (Isoptera: Rhinotermitidae): new record from Venezuela. Florida Entomologist 88 (3): 410–411.

Perrier, R. 1934. La faune de la France: en tableaux synoptiques illustrés. I. Myriapodes. II. Insectes inférieurs. 2nd ed., Vol. 3. Paris: Librairie Delagrave, xi + 161 pp.

Perris, E. 1876a. Nouvelles promenades entomologiques. Annales de la Société Entomologique de France (5) 6: 171–244.

Perris, E. 1876b. Nouvelles promenades entomologiques. Rectifications et additions. Annales de la Société Entomologique de France 1876: ccxvi–ccxvii.

Perry, D.H., J.A.L. Watson, S.E. Bunn, and R. Black. 1985. Guide to the termites (Isoptera) from the extreme southwest of Western Australia. Journal of the Royal Society of Western Australia 67 (2): 66–78.

Perty, M. 1833. [Termites]. *In* M. Perty and C.F.P. Martius (editors), Delectus animalium articulatorum: quae in itinere per Brasiliam, annis MDCCXVII–MDCCCXX jussu et auspiciis Maximiliani Josephi I. Bavariae regis augustissimi peracto collegerunt Dr. J.B. Spix et Dr. C.F.Ph. de Martius, digessit, descripsit, pingenda curavit Dr. Maximilianus Perty, praefatus est et edidit Dr. C.F.Ph. de Martius: 127–129. Monachii [Munich]: Impensis Editoris, iii + 224 pp. + 40 pls.

Pester, M., and A. Brune. 2006. Expression profiles of *fhs* (FTHFS) genes support the hypothesis that spirochaetes dominate reductive acetogenesis in the hindgut of lower termites. Environmental Microbiology 8 (7): 1261–1270.

Petch, T. 1906. The fungi of certain termite nests (*Termes redemanni* Wasm. and *T. obscuriceps* Wasm.). Annals of the Royal Botanical Gardens of Peradeniya, Ceylon 3 (2): 185–270.

Peters, B.C. 1986. Drywood termites in Queensland. Timber Note, Queensland Department of Forestry 24: 1–3.

Peters, B.C. 1990. Infestations of *Cryptotermes brevis* (Walker) (Isoptera: Kalotermitidae) in Queensland, Australia. 1. History, detection and identification. Australian Forestry 53 (2): 79–88.

Petersen, G., and H. Gaedike. 1970. Katalog der in den Sammlungen des Deutschen Entomologischen Institutes aufbewahrten Typen-II. Dermaptera, Mantodea, Blattariae, Isoptera, Phasmida, Saltatoria. Beiträge zur Entomologie (Berlin) 20: 145–172.

Phelps, R.J., J.K. Struthers, and S.J.L. Moyo. 1975. Investigations into the nutritive value of *Macrotermes falciger* (Isoptera: Termitidae). Zoologica Africana 10 (2): 123–132.

Pickens, A.L. 1932. Observations on the genus *Reticulitermes* Holmgren. Pan-Pacific Entomologist 8 (4): 178–180.

Pickens, A.L. 1934a. The biology and economic significance of the western subterranean termite, *Reticulitermes hesperus*. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 157–183. Berkeley: University of California Press, xxvii + 1 + 795 pp.

Pickens, A.L. 1934b. The barren-lands subterranean termite, *Reticulitermes tibialis*. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 184–186. Berkeley: University of California Press, xxvii + 1 + 795 pp.

Pickens, A.L. 1954. Intraspecific problems in the taxonomy of insect castes. Insectes Sociaux 1 (1): 71–74.

Pickens, A.L. 1956. Links and gaps in the common castes of termites. Insectes Sociaux 3 (2): 233–236.

Pickens, A.L., and S.F. Light. 1934. The desert subterranean termite, *Heterotermes aureus*. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 196–198. Berkeley: University of California Press, xxvii + 1 + 795 pp.

Pictet, F.-J. 1836. Mémoire sur le genre *Sialis* de Latreille et considérations sur la classification de l'ordre Néuroptères. Annales des Sciences Naturelles, Zoologie (2) 5: 69–80.

Pictet, F.-J. 1854. Traité de paléontologie ou histoire naturelle des animaux fossiles considérés dans leurs rapports zoologiques et géologiques. Vol. 2, 2nd ed. Paris: J.-B. Baillière, [3] + 727 pp.

Pictet-Baraban, F.-J., and H.A. Hagen. 1856. Die im Bernstein befindlichen Neuropteran der Vorwelt. *In* G.C. Berendt (editor), Die im Bernstein befindlichen organischen Reste der Vorwelt. Vol. 2: 41–126 + pl. 5. Berlin: Nicolaischen Buchhandlung, 2 + 126 pp. + 8 pls.

Pie, M.R., R.B. Rosengaus, D.V. Calleri II, and J.F.A. Traniello. 2005. Density and disease resistance in group-living insects: do eusocial species exhibit density-dependent prophylaxis? Ethology Ecology and Evolution 17: 41–50.

Pierce, W.D. 1948. Fossil arthropods of California. 13. A progress report on the Rancho La Brea asphaltum studies. 14. A progress report on the McKittrick asphalt field. Bulletin of the Southern California Academy of Sciences 46 (3) [1947]: 136–143.

Pierce, W.D. 1958. Fossil arthropods of California, No. 21. Termites from Calico Mountains nodules. Bulletin of the Southern California Academy of Sciences 57 (1): 13–24.

Pierre, F. 1958. Termites [Ecologie et peuplement entomologiques des sables vifs du Sahara Nord-Occidental-France]. Publications du Centre de Recherches Sahariennes, Série Biologie 1: 1–149 pp.

Ping, Z.-M. 1983. Two new species of the genus *Stylotermes* (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 8 (4): 418–421. [in Chinese, with English summary]

Ping, Z.-M. 1984a. Two new species of the genus *Coptotermes* (Isoptera: Rhinotermitidae). Tropical and Subtropical Forest Ecosystems 2: 184–189. [in Chinese, with English summary]

Ping, Z.-M. 1984b. Two new species of termites of the families Kalotermitidae and Rhinotermitidae from Fujian Province (order Isoptera). Wuyi Science Journal 4: 159–162. [in Chinese, with English summary]

Ping, Z.-M. 1985. Eight new species of the genus *Coptotermes* and *Reticulitermes* from Guangdong Province, China (Isoptera: Rhinotermitidae). Entomotaxonomia 7 (4): 317–328. [in Chinese, with English summary]

Ping, Z.-M. 1986. Six new species of the genus *Reticulitermes* (Isoptera, Rhinotermitidae) in Guangxi, China. Journal of the Guangxi Academy of Sciences 2: 62–68. [in Chinese, with English summary]

Ping, Z.-M. 1987. A new species of *Cryptotermes* from Hainan Island. Entomotaxonomia 9 (2): 117–119. [in Chinese, with English summary]

Ping, Z.-M., and Z.-P. Xin. 1993. A new species of the genus *Ahmaditermes* (Isopter [sic]: Termitidae) from Mount Tiantong, China. Science and Technology of Termites 10 (3): 1–2. [in Chinese, with English summary]

Ping, Z.-M., and Y.-L. Xu. 1984. Four new species of the genus *Microcerotermes* Silvestri from Guangdong and Guangxi, China (Isoptera, Termitidae). Entomotaxonomia 6 (1): 43–53. [in Chinese, with English summary]

Ping, Z.-M., and Y.-L. Xu. 1986a. Six new species of *Glyptotermes* on Hainan Island. Chinese Journal of Tropical Crops 7 (1): 105–115. [in Chinese, with English summary]

Ping, Z.-M., and Y.-L. Xu. 1986b. Notes on termites of the genera *Pseudocapritermes, Malaysiocpritermes* [sic] and *Sinocapritermes* gen. nov. from China (Isoptera, Termitidae). Wuyi Science Journal 6: 1–20. [in Chinese, with English summary]

Ping, Z.-M., and Y.-L. Xu. 1989. Systematics of the genus *Prorhinotermes* Silvestri (Isoptera: Rhinotermitidae: Prorhinotermitinae) from China. Acta Entomologica Sinica 32 (3): 330–336. [in Chinese, with English summary]

Ping, Z.-M., and Y.-L. Xu. 1993. Notes on eight new termites from National Chebaling Nature Reserve. *In* Y.-Q. Xu (editor), Collected papers from investigations in National Chebaling Nature Reserve: 431–444. Guangdong, China: Publishing House of Science and Technology, 553 pp. [in Chinese, with English summary]

Ping, Z.-M., and Y. Zhang. 1989. Two new species of the genus *Reticulitermes* from Shaanxi, China (Isoptera: Rhinotermitidae). Entomotaxonomia 11 (3): 4–8. [in Chinese, with English summary]

Ping, Z.-M., J.-L. Zhu, and G.-X. Li. 1980. A new species of *Reticulitermes* from Dinghushan (Isoptera: Rhinotermitidae). Entomotaxonomia 2 (1): 65–68. [in Chinese, with English summary]

Ping, Z.-M., G.-X. Li, Y.-L. Xu, Y.-Z. Liu, and M. Chen. 1981a. Nine new species of the genus *Stylotermes* from China (Isoptera). Entomotaxonomia 3 (3): 217–234. [in Chinese, with English summary]

Ping, Z.-M., G.-X. Li, and Y.-L. Xu. 1981b. Five new species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae) from Wuyishan. Wuyi Science Journal 1: 180–190. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, and S. Li. 1982a. Two new species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 7 (4): 419–424. [in Chinese, with English summary]

Ping, Z.-M., G. Li, M. Chen, and M. He. 1982b. A new species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae) from Chongqing Shi. Zoological Research 3 (supplement): 151–155. [in Chinese, with English summary]

Ping, Z.-M., Q.-X. Li, and Y.-L. Xu. 1983a. Six new species of termites of the families Kalotermitidae and Rhinotermitidae from Fujian Province, China. Wuyi Science Journal 3: 110–119. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, and C.-G. Xu. 1983b. Four new species of the termites from Guizhou Province, China (Isoptera: Rhinotermitidae). Entomotaxonomia 5 (2): 151–157. [in Chinese, with English summary]

Ping, Z.-M., C.-G. Xu, and C. Gong. 1984. Three new termites from Guizhou Province, China. Journal of the South-Western Forestry College (China) 1: 106–111. [in Chinese, with English summary]

Ping, Z.-M., G.-X. Li, and Y.-L. Xu. 1985a. Six new species of the genus *Macrotermes* from China (Isoptera: Termitidae). Entomotaxonomia 7 (3): 233–245. [in Chinese, with English summary]

Ping, Z.-M., M. Chen, and Y.-Z. Liu. 1985b. Four new species of the genus *Glyptotermes* from Sichuan Province, China (Isoptera: Kalotermitidae). Zoological Research 6 (4): 303–312. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, C.-G. Xu, and C. Gong. 1986. Trunk-dweller termites and five new species from Guizhou Province, China. Scientia Silvae Sinicae 22 (2): 153–160. [in Chinese, with English summary]

Ping, Z.-M, G.-X. Li, Y.-L. Xu, and Y.-Z. Liu. 1987a. Nine new species of the genus *Euhamitermes* from China (Isoptera: Termitidae). Entomotaxonomia 9 (1): 61–76. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, and C.-G. Xu. 1987b. Notes on the genus *Reticulitermes* Holmgren from Guizhou Province, China (Isoptera: Rhinotermitidae). Zoological Research 8 (2): 117–124. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, C.-G. Xu, and C. Gong. 1988. Eleven new species of the termites from Guizhou and Guangxi, China (Isoptera: Termitidae). Journal of the South-Western Forestry College (China) 8 (1): 88–106. [in Chinese, with English summary]

Ping, Z.-M., N. Tong, and Y.-L. Xu. 1989. Two new species of the termites from Hong Kong (Isoptera: Termitidae: Nasutitermitinae). Entomotaxonomia 11 (3): 185–189. [in Chinese, with English summary]

Ping, Z.-M., C.-G. Xu, C. Gong, and Y.-L. Xu. 1991a. Isoptera of Guizhou. Guizhou Agricultural and Forestry Entomological Record 1991: 147–316. [in Chinese, with English names and bibliography]

Ping, Z.-M., Y.-L. Xu, and X.-S. Huang. 1991b. Systematics on the genus *Sinonasutitermes* Li (Isoptera: Termitidae: Nasutitermitinae) from China. Science and Technology of Termites 8 (3): 1–16. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, Y.-H. Li, X.-J. Liu, and X.-J. Yin. 1992a. Four new species of termites from Hubei province, China. Science and Technology of Termites 9 (3): 1–7. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, B.-Y. Huang, and Y.-H. Li. 1992b. Three new species of termites from Hubei Province, China (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 17 (3): 333–338. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, B.-Y. Huang, and Y.-H. Li. 1993. Three new species of the genus *Reticulitermes* from Hubei Province, China (Isoptera: Rhinotermitidae). Acta Entomologica Sinica 35 (4) [1992]: 461–469. [in Chinese, with English summary]

Ping, Z.-M., Y.-L. Xu, and Z.-L. Dong. 1994. Two new species of termites from Zhejiang, China (Isoptera: Termitidae). Acta Zootaxonomica Sinica 19 (1): 108–112. [in Chinese, with English summary]

Pinto, M.P.D. 1941. Some observations on the biology of the Ceylonese Calotermitidae. Indian Journal of Entomology 3 (1): 73–105.

Pinzon, O.P., and R.M. Houseman. 2009. Species diversity and intraspecific genetic variation of *Reticulitermes* (Isoptera: Rhinotermitidae): subterranean termites in woodland and urban environments of Missouri. Annals of the Entomological Society of America 102 (5): 868–890.

Piskorski, R., R. Hanus, S. Vašíčková, J. Cvačka, J. Šobotník, A. Svatoš, and I. Valterová. 2007. Nitroalkenes and sesquiterpene hydrocarbons from the frontal gland of three *Prorhinotermes* termite species. Journal of Chemical Ecology 33: 1787–1794.

Piskorski, R., R. Hanus, B. Kalinová, I. Valterová, J. Křeček, T. Bourguignon, Y. Roisin, and J. Šobotník. 2009. Temporal and geographic variations in the morphology and chemical composition of the frontal gland in imagoes of *Prorhinotermes* species (Isoptera: Rhinotermitidae). Biological Journal of the Linnean Society 98: 384–392.

Piton, L. 1940. Paléontologie du gisement Éocène de Menat (Puy-de-Dôme) (flore et faune). Clermont-Ferrand, France: Paul Vallier, vii + 303 + [3] pp.

Piton, L., and N. Théobald. 1937. Les insectes fossiles de Menat. Revue des Sciences Naturelles d'Auvergne (n.s.) 3 (2): 76–88.

Pitts-Singer, T.L., and B.T. Forschler. 2000. Influence of guidelines and passageways on tunneling behavior of *Reticulitermes flavipes* (Kollar) and *R. virginicus* (Banks) (Isoptera: Rhinotermitidae). Journal of Insect Behavior 13 (2): 273–290.

Poddubnyi, A.G., and S.S. Ganenko. 1978. *Reticulitermes lucifugus* Rossi in Moldavia. *In* M.N. Lozan (editor), The fauna, ecology and physiology of animals: problems of biology and the protection of nature, inter-university collection: 18–21. Kishinev, Moldova: Izdat Isdatel'stvo "Shtiinysa," 87 pp. [in Russian]

Pohl, J.E., and V. Kollar. 1832. Brasiliens vorzüglich lästige Insecten. Vienna: Privately published, 20 pp. + 1 pl.

Poinar, G.O. 1992. Life in amber. Stanford: Stanford University Press, viii + 350 pp.

Poinar, G.O. 2009. Description of an early Cretaceous termite (Isoptera: Kalotermitidae) and its associated intestinal protozoa, with comments on their co-evolution. Parasites and Vectors 2 (12): 1–17.

Poisson, R., and P.-P. Grassé. 1976. L'appareil digestif digestion et absorption. *In* P.-P. Grassé (editor), Traité de zoologie. anatomie, systématique, biologie. Vol. 8: insectes (4): 203–353. Paris: Masson et Cie, [9] + 975 pp.

Polizzi, J.M., and B.T. Forschler. 1998. Intra- and interspecific agonism in *Reticulitermes flavipes* (Kollar) and *R. virginicus* (Banks) and effects of arena and group size in laboratory assays. Insectes Sociaux 45 (1): 43–49.

Polizzi, J.M., and B.T. Forschler. 1999. Factors that affect aggression among the worker caste of *Reticulitermes* spp. subterranean termites (Isoptera: Rhinotermitidae). Journal of Insect Behavior 12 (2): 133–146.

Pomeroy, D.E. 1976. Studies on a population of large termite mounds in Uganda. Ecological Entomology 1: 49–61.

Pomeroy, D.E. 1983. Distribution and abundance of large termite mounds in a semi-arid area of southern Kenya. Kenya Journal of Science and Technology, Series B, Biological Sciences 4 (2): 77–87.

Pomeroy, D.E. 1989. Studies on a two species population of termites in Kenya (Isoptera). Sociobiology 15 (2): 219–236.

Pomeroy, D.[E.] 2005a. Dispersion and activity patterns of three populations of large termite mounds in Kenya. Journal of East African Natural History 94 (2): 319–341.

Pomeroy, D.[E.] 2005b. Stability of termite mound populations in a variable environment. Journal of East African Natural History 94 (2): 343–361.

Pongrácz, A. 1926. Über fossile Termiten Ungarns. Mitteilungen aus dem Jahrbuche der Königlich Ungarischen Geologischen Anstalt 25 (2): 25–30.

Pongrácz, A. 1928. Die fossilen Insekten von Ungarn, mit besonderer Berücksichtigung der Entwicklung der Europäischen Insekten-Fauna. Annales Historico-Naturales Musei Nationalis Hungarici 25: 91–194.

Pongrácz, A. 1931. Bemerkungen über die Insektenfauna von Oeningen nebst Revision der Heer'schen Typen. Verhandlungen des Naturhistorisch-Medizinischen Vereins zu Heidelberg (n.f.) 17 (2): 104–125.

Pongrácz, A. 1935. Die eozäne Insektenfauna des Geiseltales. Nova Acta Leopoldina (n.f.) 2 (3–4): 483–572.

Pongrácz, S. 1917. Új harmadidöszaki termeszfaj Radobojról. Magyar Királyi Földtani Intézet Évkönyve 25: 23–36.

Ponomarenko, A.G. 1988. New Mesozoic insects. Trudy, Sovmestnaya Sovetsko-Mongol'skaya Paleontologicheskaya Ekspeditsiya 33: 71–80, 94. [in Russian, with English summary]

Ponomarenko, A.G., and O. Schultz. 1988. Typen der geologisch-paläontologischen Abteilung: fossile Insekten. Kataloge der Wissenschaftlichen Sammlung des Naturhistorischen Museums in Wien 6 (1): 1–40 + 14 pls.

Poole, R.W., and P. Gentili, eds. 1997. Nomina insecta nearctica. a check list of the insects of North America. Non-holometabolous orders. Vol. 4. Rockville, MD: Entomological Information Services, 731 pp.

Popov, A. 2004. Dermaptera, Mantodea. Blattodea, Isoptera and Orthoptera from eastern Rhodopes (Bulgaria and Greece). *In* P. Beron and A. Popov (editors), Biodiversity of eastern Rhodopes (Pensoft Series Faunistica No. 41): 241–309. Sofia, Bulgaria: National Museum of Natural History, 951 pp.

Pospischil, R. 1995. Termiten in Europa. Verhandlungen westdeutscher Entomologentag 1994: 171–178.

Postle, A., and I. Abbott. 1991. Termites of economic significance in suburban Perth, Western Australia: a preliminary study of their distribution and association with types of wood (Isoptera). Journal of the Australian Entomological Society 30: 183–186.

Potenza, D. 1976. Observazioni sulla distribuzione delle termiti nel Gargano. Annali dell'Università di Ferrara (Nuova Serie), Sezione Biologia 3 (23): 247–258.

Potrikus, C.J., and J.A. Breznak. 1981. Gut bacteria recycle uric acid nitrogen in termites: a strategy for nutrient conservation. Proceedings of the National Academy of Sciences of the United States of America 78 (7): 4601–4605.

Potts, R.C., and P.H. Hewitt. 1973. The distribution of intestinal bacteria and cellulase activity in the harvester termite *Trinervitermes trinervoides* (Nasutitermitinae). Insectes Sociaux 20 (3): 215–220.

Prasad, E.A.V., and A.C. Narayana. 1981. Magnetic orientation in termite mounds. Current Science (Bangalore) 50 (13): 588–589.

Prasad, L., and S. Kumar. 1991. Swarming and sex-ratio in termite species, *Heterotermes indicola* (Wasmann) (Isoptera: Rhinotermitidae) in Doon Valley (India). Annals of Entomology (Dehra Dun) 9 (1): 73–74.

Prashad, B., and P.K. Sen-Sarma. 1959. Revision of the termite genus *Nasutitermes* Banks (Isoptera: Termitidae: Nasutitermitinae) from the Indian region. Indian Council of Agricultural Research Monograph 10.23: 1–66.

Prashad, B., and P.K. Sen-Sarma. 1960. Revision of the termite genus *Hospitalitermes* Holmgren (Isoptera, Termitidae, Nasutitermitinae). Indian Council of Agricultural Research Monograph 10.29: 1–32.

Prashad, B., and P.K. Sen-Sarma. 1966a. Review of the genus *Trinervitermes* Holmgren from the Indian region (Isoptera: Termitidae: Nasutitermitinae). Indian Forest Bulletin (n.s.). Entomology 247: [2] + 1–42.

Prashad, B., and P.K. Sen-Sarma. 1966b. Studies on the genera *Ceylonitermes, Grallatotermes, Emersonitermes,* and *Ceylonitermellus* from the Indian region (Isoptera: Termitidae: Nasutitermitinae). Indian Forest Bulletin (n.s.). Entomology 248: i + 1–17.

Prashad, B., R.S. Thapa, and P.K. Sen-Sarma. 1967. Revision of the Indian species of the genus *Microcerotermes* Silvestri (Isoptera: Termitidae: Amitermitinae). Indian Forest Bulletin (n.s.). Entomology 246: ii + 1–56.

Pratt, H.C. 1908. Notes on *Termes gestroi* and other species of termites found on rubber estates in the Federated Malay States. Bulletin: Department of Agriculture, Federated Malay States 1: 1–12.

Pratt, H.C. 1909. Observations on *Termes gestroi* as affecting the para rubber tree, and methods to be employed against its ravages. Bulletin: Department of Agriculture, Federated Malay States 3: 1–29.

Pravdin, F.N. 1978. Ecological geography of insects of Central Asia. Moscow: Publishing House "Nauka," 272 pp.

Prestwich, G.D. 1975. Chemical analysis of soldier secretions in several species of East African termites. *In* C. Noirot, P.E. Howse, and G. Le Masne (editors), Pheromones and defensive secretions in social insects: proceedings of a symposium held on 18th, 19th and 20th September, 1975 at the University of Dijon: 149–152. Dijon: French Section of the IUSSI, 248 pp.

Prestwich, G.D. 1977. Chemical composition of the soldier secretions of the termite—*Trinervitermes gratiosus.* Insect Biochemistry 7: 91–94.

Prestwich, G.D. 1978. Isotrinervi-2β-ol. Structural isomers in the defense secretions of allopatric populations of the termite *Trinervitermes gratiotus.* Experientia (Basel) 34: 682–684.

Prestwich, G.D. 1979a. Interspecific variation in the defence secretions of *Nasutitermes* soldiers. Biochemical Systematics and Ecology 7: 211–221.

Prestwich, G.D. 1979b. Chemical defense by termite soldiers. Journal of Chemical Ecology 5 (3): 459–480.

Prestwich, G.D. 1979c. Defence secretion of the black termite, *Grallatotermes africanus* (Termitidae, Nasutitermitinae). Insect Biochemistry 9: 563–567 + [1 (erratum)].

Prestwich, G.D. 1979d. Termite chemical defense: new natural products and chemosystematics. Sociobiology 4 (2): 127–138.

Prestwich, G.D. 1982a. From tetracycles to macrocycles. Chemical diversity in the defence secretions of nasute termites. Tetrahedron 38 (13): 1911–1919.

Prestwich, G.[D.] 1982b. Evolution of chemical defenses in termites. *In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico November, 1980. Vol. 1: 85–95. Paris: Université Paris-Nord, 280 pp.

Prestwich, G.D. 1983a. The chemical defenses of termites. Scientific American 249 (2): 78–87.

Prestwich, G.D. 1983b. Chemical systematics of termite exocrine secretions. Annual Review of Ecology and Systematics 14: 287–311.

Prestwich, G.D. 1984a. Defense mechanisms of termites. Annual Review of Entomology 29: 201–232.

Prestwich, G.D. 1984b. Interspecific variation of diterpene composition of *Cubitermes* soldier defense secretions. Journal of Chemical Ecology 10 (8): 1219–1231.

Prestwich, G.D. 1985a. Isolation and identification of diterpenes from termite soldiers. Methods in Enzymology 110: 417–425.

Prestwich, G.D. 1985b. Communication in Insects II. Molecular communication of insects. Quarterly Review of Biology 60 (4): 437–456.

Prestwich, G.D. 1987. Chemical studies of pheromone reception and catabolism. *In* G.D. Prestwich and G.J. Blomquist (editors), Pheromone biochemistry: 473–528. New York: Academic Press, xix + 565.

Prestwich, G.D. 1988. The chemicals of termite societies. Sociobiology 14 (1): 175–191.

Prestwich, G.D., and B.L. Bentley. 1981. Nitrogen fixation by insect colonies of the termite *Nasutitermes corniger.* Oecologia (Berlin) 49: 249–251.

Prestwich, G.D., and B.L. Bentley. 1982. Ethylene production by the fungus comb of macrotermitines (Isoptera, Termitidae): a caveat for the use of the acetylene reduction assay for nitrogenase activity. Sociobiology 7 (1): 145–152.

Prestwich, G.D., and G.J. Blomquist, eds. 1987. Pheromone biochemistry. New York: Academic Press, xix + 565 pp.

Prestwich, G.D., and D. Chen. 1981. Soldier defense secretions of *Trinervitermes bettonianus* (Isoptera, Nasutitermitinae): chemical variation in allopatric populations. Journal of Chemical Ecology 7 (1): 147–157.

Prestwich, G.D., and M.S. Collins. 1980. A novel enolic β-ketoaldehyde in the defense secretion of the termite *Rhinotermes hispidus.* Tetrahedron Letters 21: 5001–5002.

Prestwich, G.D., and M.S. Collins. 1981a. Macrocyclic lactones as the defense substances of the termite genus *Armitermes.* Tetrahedron Letters 22 (46): 4587–4590.

Prestwich, G.D., and M.S. Collins. 1981b. Chemotaxonomy of *Subulitermes* and *Nasutitermes* termite soldier defense secretions. Evidence against the hypothesis of diphyletic evolution of the Nasutitermitinae. Biochemical Systematics and Ecology 9 (1): 83–88.

Prestwich, G.D., and M.S. Collins. 1981c. 3-Oxo-(*Z*)-9-hexadecenal: an unusual enolic β-keto aldehyde from a termite soldier defense secretion. Journal of Organic Chemistry 46: 2383–2385.

Prestwich, G.D., and M.S. Collins. 1982. Chemical defense secretions of the termite soldiers of *Acorhinotermes* and *Rhinotermes* (Isoptera, Rhinotermitinae): ketones, vinyl ketones, and β-ketoaldehydes derived from fatty acids. Journal of Chemical Ecology 8 (1): 147–161.

Prestwich, G.D., and J. Vrkoč. 1979. Standard nomenclature of termite diterpenes. Sociobiology 4 (2): 139–140.

Prestwich, G.D., M. Kaib, W.F. Wood, and J. Meinwald. 1975. 1,13-tetradecadien-3-one and homologs: new natural products isolated from *Schedorhinotermes* soldiers. Tetrahedron Letters 52: 4701–4704.

Prestwich, G.D., S.P. Tanis, J.P. Springer, and J. Clardy. 1976a. Nasute termite soldier frontal gland secretions. I. Structure of trinervi-2β,3α,9α-triol 9-*O*-acetate, a novel diterpene from *Trinervitermes* soldiers. Journal of the American Chemical Society 98: 6061–6062.

Prestwich, G.D., S.P. Tanis, F.G. Pilkiewicz, I. Miura, and K. Nakanishi. 1976b. Nasute termite soldier frontal gland secretions. 2. Structures of trinervitene congeners from *Trinervitermes* soldiers. Journal of the American Chemical Society 98: 6062–6064.

Prestwich, G.D., B.A. Solheim, J. Clardy, F.G. Pilkiewicz, I. Miura, S.P. Tanis, and K. Nakanishi. 1977a. Kempene-1 and -2, unusual tetracyclic diterpenes from *Nasutitermes* termite soldiers. Journal of the American Chemical Society 99: 8082–8083.

Prestwich, G.D., B.A. Bierl, E.D. DeVilbiss, and M.F.B. Chaudhury. 1977b. Soldier frontal glands of the termite *Macrotermes subhyalinus*: morphology, chemical composition, and use in defense. Journal of Chemical Ecology 3 (5): 579–590.

Prestwich, G.D., D.F. Wiemer, J. Meinwald, and J. Clardy. 1978. Cubitene: an irregular twelve-membered-ring diterpene from a termite soldier. Journal of the American Chemical Society 100: 2560–2561.

Prestwich, G.D., J.W. Lauher, and M.S. Collins. 1979. Two new tetracyclic diterpenes from the defense secretion of the Neotropical termite *Nasutitermes octopilis*. Tetrahedron Letters 40: 3827–3830.

Prestwich, G.D., S.G. Spanton, J.W. Lauher, and J. Vrkoč. 1980a. Structure of 3α-hydroxy-15-rippertene. Evidence for 1,2-methyl migration during biogenesis of a tetracyclic diterpene in termites. Journal of the American Chemical Society 102: 6825–6828.

Prestwich, G.D., B.L. Bentley, and E.J. Carpenter. 1980b. Nitrogen sources for Neotropical nasute termites: fixation and selective foraging. Oecologia (Berlin) 46 (3): 397–401.

Prestwich, G.D., S.-H. Goh, and Y.-P. Tho. 1981a. Termite soldier chemotaxonomy. A new diterpene from the Malaysian nasute termite *Bulbitermes singaporensis*. Experientia (Basel) 37 (1): 11–13.

Prestwich, G.D., R.W. Jones, and M.S. Collins. 1981b. Terpene biosynthesis by nasute termite soldiers (Isoptera: Nasutitermitinae). Insect Biochemistry 11 (3): 331–336.

Prestwich, G.D., S.G. Spanton, S.H. Goh, and Y.-[P.] Tho. 1981c. New tricyclic diterpene propionate esters from a termite soldier defense secretion. Tetrahedron Letters 22 (17): 1563–1566.

Prestwich, G.D., M.S. Tempesta, and C. Turner. 1984a. Longipenol, a novel tetracyclic diterpene from the termite soldier *Longipeditermes longipes*. Tetrahedron Letters 25 (15): 1531–1532.

Prestwich, G.D., W.-S. Eng, E. Deaton, and D. Wichern. 1984b. Structure-activity relationships among aromatic analogs of trail-following pheromone of subterranean termites. Journal of Chemical Ecology 10 (8): 1201–1217.

Prestwich, G.D., R. Yamaoka, and J.F. Carvalho. 1985. Metabolism of tritiated Ω-fluorofatty acids and alcohols in the termite *Reticulitermes flavipes* (Kollar) (Isoptera, Rhinotermitidae). Insect Biochemistry 15 (2): 205–209.

Prestwich, G.D., S. Robles, and M. Mohamed. 1987a. Biochemical basis for caste differentiation in termites. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 314–315. Munich: J. Peperny, xxxv + 16 + 757 pp.

Prestwich, G.D., S. Sen, and A.K. Singh. 1987b. Biosynthesis of diterpenes in *Nasutitermes* soldiers. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 408–409. Munich: J. Peperny, xxxv + 16 + 757 pp.

Prinsloo, G.L. 1986. The National Collection of Insects: its accessions and research activities. *In* Proceedings of the fifth entomological congress organised by the Entomological Society of Southern Africa, Grahamstown, 2–4 July 1985: 35–36. Pretoria: Entomological Society of Southern Africa, 48 pp.

Prokop, J., and A. Nel. 1999. Tertiary termite from the Bílina mine locality in northern Bohemia (Isoptera: Hodotermitidae). Klapalekiana 35: 141–144.

Puche, H., and N.-Y. Su. 2001. Tunnel formation by *Reticulitermes flavipes* and *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in response to wood in sand. Journal of Economic Entomology 94 (6): 1398–1404.

Purkait, K., and P.K. Maiti. 1992. Ecology of swarming of some species of *Odontotermes* Holmgren (Isoptera: Insecta) in India. Proceedings of the Zoological Society (Calcutta) 45 (A): 563–568.

Qian, Z., Z. Huang, J. Zhong, Z. Dai, B. Liu, C. Xia, H. Huang, F. Xia, R. Yang, and R. Zhang. 2005. Studies on formation and development of new colonies of *Cryptotermes domesticus* (Haviland) (Isoptera: Kalotermitidae). Natural Enemies of Insects 27 (3): 118–126. [in Chinese]

Quennedey, A. 1969. Innervation de type neurosécréteur dans la glande sternale de *Kalotermes flavicollis* (Isoptera). Étude untrastructurale. Journal of Insect Physiology 15: 1807–1814.

Quennedey, A. 1971a. Les glandes exocrines des termites. I. Étude histochimique et ultrastructurale de la glande sternale de *Kalotermes flavicollis* Fab. (Isoptera, Kalotermitidae). Zeitschrift für Zellforschung und Mikroskopische Anatomie 121: 27–47.

Quennedey, A. 1971b. Les glandes exocrines des termites. [II.] Organisation de la glande sternale des Rhinotermitidae. Étude ultrastructurale préliminaire. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Série D, Sciences Naturelles 273 (3): 376–379 + 2 pls.

Quennedey, A. 1972. Les glandes exocrines des termites. III. Structure fine de la glande sternale de *Trinervitermes geminatus* Wasmann (Termitidae, Nasutitermitinae). Zeitschrift für Zellforschung und Mikroskopische Anatomie 130 (2): 205–218.

Quennedey, A. 1973. Observations cytologiques et chimiques sur la glande frontale des termites. Proceedings of the International Union for the Study of Social Insects, University of Southampton 1973: 324–325.

Quennedey, A. 1975a. The labrum of *Schedorhinotermes* minor soldier (Isoptera, Rhinotermitidae): morphology, innervation and fine-structure. Cell and Tissue Research 160: 81–98.

Quennedey, A. 1975b. Morphology of exocrine glands producing pheromones and defensive substances in subsocial and social insects. *In* C. Noirot, P.E. Howse, and G. Le Masne (editors), Pheromones and defensive secretions in social insects: proceedings of a symposium held on 18th, 19th and 20th September, 1975, at the University of Dijon: 1–21. Dijon: French Section of the IUSSI, 248 pp.

Quennedey, A. 1977. An ultrastructural study of the polymorphic sternal gland in *Reticulitermes santonensis* (Isoptera, Rhinotermitidae); another way of looking at the true termite trail-pheromone. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 48–49. Wageningen: Centre for Agricultural Publication and Documentation, xi + 325 pp.

Quennedey, A. 1982. Modifications structurales de la cuticule des glandes tégumentaires de termites. Bulletin de la Société Zoologique de France 107 (3): 463–467.

Quennedey, A. 1984. Morphology and ultrastructure of termite defense glands. *In* H.R. Hermann (editor), Defensive mechanisms in social insects: 151–200. New York: Praeger, xii + 259 pp.

Quennedey, A., and J. Deligne. 1975. L'arme frontale des soldats de termites. I. Rhinotermitidae. Insectes Sociaux 22 (3): 243–267.

Quennedey, A., and R.H. Leuthold. 1978. Fine structure and pheromonal properties of the polymorphic sternal gland in *Trinervitermes bettonianus* (Isoptera, Termitidae). Insectes Sociaux 25 (2): 153–162.

Quennedey, A., and C. Noirot. 1968. Histologie.—Estérase cuticulaire dans la glande sternale de *Calotermes flavicollis* F. (Isoptera, Termitidae). Étude histochimique. Comptes Rendus des Séances de l'Académie des Sciences 266: 2456–2458.

Quennedey, A., G. Brulé, J. Rigaud, P. Dubois, and R. Brossut. 1973. La glande frontale des soldats de *Schedorhinotermes putorius* (Isoptera): analyse chimique et fonctionnement. Insect Biochemistry 3 (9): 67–74.

Quennedey, A., A. Peppuy, A. Courrent, A. Robert, C. Everaerts, and C. Bordereau. 2004. Ultrastructure of posterior sternal glands of *Macrotermes annandalei* (Silvestri): new members of the sexual glandular set found in termites (Insecta). Journal of Morphology 262 (3): 683–691.

Quennedey, A., D. Sillam-Dussès, A. Robert, and C. Bordereau. 2008. The fine structural organization of sternal glands of pseudergates and workers in termites (Isoptera): a comparative survey. Arthropod Structure and Development 37: 168–185.

Quinet, Y., N. Tekule, and J.C. de Biseau. 2005. Behavioural interactions between *Crematogaster brevispinosa rochai* Forel (Hymenoptera: Formicidae) and two *Nasutitermes* species (Isoptera: Termitidae). Journal of Insect Behavior 18 (1): 1–17.

Quintana, A., J. Reinhard, R. Faure, P. Uva, A.-G. Bagnères, G. Massiot, and J.-L. Clément. 2003. Interspecific variation in terpenoid composition of defensive secretions of European *Reticulitermes* termites. Journal of Chemical Ecology 29 (3): 639–652.

Quintera, D., and A. Aiello (editors). 1992. Insects of Panama and Mesoamerica: selected studies. Oxford: Oxford University Press, xxii + 692 pp.

Rabemanantsoa, A., Y. Ranarivelo, M. Andriantsiferana, F. Tillequin, J.V. Silverton, H.M. Garraffo, T.F. Spande, H.J.C. Yeh, and J.W. Daly. 1996. A new secotrinervitane diterpene isolated from soldiers of the Madagascan termite species, *Nasutitermes canaliculatus*. Journal of Natural Products (Lloydia) 59 (9): 883–886.

Radcliffe, E. 1904. A new termite in India. Indian Forester 30 (9): 412–414.

Raina, A.[K.], and C. Florane. 2005. Survival and growth of the Formosan subterranean termite (Isoptera: Rhinotermitidae) on various types of wood used in construction. Sociobiology 45 (3): 787–796.

Raina, A.[K.], Y.I. Park, and C. Florane. 2003a. Behavior and reproductive biology of the primary reproductives of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Sociobiology 41 (1): 37–48.

Raina, A.K., J.M. Bland, J.C. Dickens, Y.I. Park, and B. Hollister. 2003b. Premating behavior of dealates of the Formosan subterranean termite and evidence for the presence of a contact sex pheromone. Journal of Insect Behavior 16 (2): 233–245.

Raina, A.K., Y.I. Park, and Z. Hruska. 2003c. Ecdysone agonist halofenozide affects corpora allata and reproductive physiology of the Formosan subterranean termite, *Coptotermes formosanus*. Journal of Insect Physiology 49: 677–683.

Raina, A.K., Y.I. Park, and A. Lax. 2004a. Defaunation leads to cannibalism in primary reproductives of the Formosan subterranean termite, *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 97 (4): 753–756.

Raina, A.[K.], W. Osbrink, and Y.I. Park. 2004b. Nymphs of the Formosan subterranean termite (Isoptera: Rhinotermitidae): aspects of formation and transformation. Annals of the Entomological Society of America 97 (4): 757–764.

Raina, A.K., Y.I. Park, B.F. Ingber, and C. Murphy. 2005a. Structure and developmental changes in the tergal glands of adult females of *Coptoterms formosanus* (Isoptera, Rhinotermitidae). Arthropod Structure and Development 34: 117–124.

Raina, A.K., J.M. Bland, and W. Osbrink. 2005b. Hydroquinone is not a phagostimulant for the Formosan subterranean termite. Journal of Chemical Ecology 31 (3): 509–517.

Rainbow, W.J. 1897. The insect fauna of Funafuti. Memoirs of the Australian Museum 3: 89–102 + 1 pl.

Raineri, V., E. Borgo, and M. Brunetti. 1993. Catalogo dei typi di Isotteri del Museo Civico di Storia Naturale "G. Doria" di Genova (Insecta: Isoptera). Annali del Museo Civico di Storia Naturale Giacomo Doria 89 [1992–1993]: 525–536.

Raineri, V., A. Rey, M. Marini, and V. Zaffagnini. 2001. Un nuovo rinvenimento di *Cryptotermes brevis* in Italia (Isoptera). Bollettino della Società Entomologica Italiana 133 (2): 99–102.

Rajagopal, D. 1983a. Termites. *In* G.K. Veeresh and D. Rajagopal (editors), Applied soil biology and ecology: 183–225. Bangalore, India: Sharada Publishers, vi + 407 pp.

Rajagopal, D. 1983b. Habit and habitat studies of some termites from Karnataka. Journal of Soil Biology and Ecology 3 (2): 108–123.

Rajagopal, D. 1983c. Mound building behavior of *Odontotermes wallonensis* (Isoptera: Termitidae). Sociobiology 7 (3): 289–304.

Rajagopal, D. 1985. Population estimation and seasonal fluctuations of the mound building termite *Odontotermes wallonensis* (Isoptera: Termitidae) in South India. Sociobiology 11 (1): 67–75.

Rajagopal, D. 1986. Biological activities of the mound building termite, *Odontotermes wallonensis* (Wasmann). Journal of Soil Biology and Ecology 6 (1): 42–52.

Rajagopal, D. 1990a. Distribution, abundance and economic significance of *Odontotermes wallonensis* (Wasmann) (Isoptera: Termitidae) in Karnataka. Mysore Journal of Agricultural Sciences 23 (4) [1989]: 480–486.

Rajagopal, D. 1990b. Foraging behaviour of *Odontotermes* spp. (Isoptera: Termitidae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 51–52. Leiden: E.J. Brill, xxxi + 765 pp.

Rajagopal, D. 2002. Economically important termite species in India. Sociobiology 40 (1): 33–46.

Rajagopal, D., and G.K. Veeresh. 1981. Foraging activity of the mound building termite, *Odontotermes wallonensis* (Wasmann) (Isoptera: Termitidae). Journal of Soil Biology and Ecology 1: 56–64.

Rajagopal, S., D.R. Rao, and A.K. Varma. 1979. Association of fungi in termite gut. Current Science (Bangalore) 48 (22): 998–999.

Rambur, J.P. 1842. Histoire naturelle des insectes. Néuroptères. Paris: Librairie Encyclopédique de Roret, xvii + 534 pp. + 12 pls.

Ramos, J.A. 1946. The insects of Mona Island (West Indies). Journal of Agriculture of the University of Puerto Rico 30 (1): 1–74 + 2 pls.

Ranaweera, D.J.W. 1962. Termites on Ceylon tea estates. Tea Quarterly 33 (2): 88–103.

Rao, H.S. 1957. History of our knowledge of the Indian fauna through the ages. Journal of the Bombay Natural History Society 54 (2): 251–280 + 2 pls.

Rao, K.P. 1962. Occurrence of enzymes for protein digestion in the termite *Heterotermes indicola. In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 71–72. Paris: UNESCO, 259 pp.

Rasmussen, R.A., and M.A.K. Khalil. 1983. Global production of methane by termites. Nature 301: 700–702.

Ratcliffe, F.N., and T. Greaves. 1940. The subterranean foraging galleries of *Coptotermes lacteus* (Frogg.). Journal of the Council for Scientific and Industrial Research (Australia) 13 (2): 150–160.

Ratcliffe, F.N., F.J. Gay, and T. Greaves. 1952. Australian termites: the biology, recognition, and economic importance of the common species. Melbourne: Commonwealth Scientific and Industrial Research Organization, 124 pp.

Rathore, N.S. 1977. Some observations on the biology of *Eremotermes paradoxalis* (Isoptera: Termitidae: Amitermitinae). Journal of the Indian Academy of Wood Science 8 (2): 111–119.
Rathore, N.S. 1984. Biological observations on Indian desert termite *Microtermes mycophagus* (Termitidae). Oikoassay 1 (1–2): 5–10.
Rathore, N.S. 1986. New record of the termite *Microcerotermes annandalei* Silvestri (Isoptera: Termitidae: Amitermitinae) from Rajasthan. Journal of the Bombay Natural History Society 83 (1): 244.
Rathore, N.S. 1987. First Indian record of imago of the termite *Eremotermes neoparadoxalis* (Termitidae: Amitermitinae). Annals of Arid Zone 26 (3): 177–180.
Rathore, N.S. 1988. New record of *Cryptotermes havilandi* (Sjöstedt) from Rajasthan, India (Isoptera: Kalotermitidae). Journal of the Bombay Natural History Society 84 (3) [1987]: 694–695.
Rathore, N.S. 1989. A new termite of genus *Microtermes* (Isoptera: Macrotermitinae) from Rajasthan, India. Entomon 14 (1–2): 53–57.
Rathore, N.S. 1994a. Observations on swarming behaviour of the termite *Eremotermes paradoxalis* in Jodhpur (India). Entomon 19 (3–4): 135–137.
Rathore, N.S. 1994b. Breeding biology of Indian desert termite *Microcerotermes raja* (Isoptera: Termitidae). Annals of Arid Zone 33 (1): 61–66.
Rathore, N.S. 1994c. A new species of *Cryptotermes* (Isoptera: Kalotermitidae) from Gujarat India. Hexapoda (Insecta Indica) 6 (1): 19–32.
Rathore, N.S. 1995. A new species of *Eurytermes* Wasmann (Isoptera: Termitidae) from India. Entomon 20 (3–4): 203–207.
Rathore, N.S. 1996. Termites (Isoptera) of the Thar Desert. *In* A.K. Ghosh, Q.H. Baqri, and I. Prakash (editors), Faunal diversity in the Thar Desert: gaps in research: 171–183. Jodhpur, India: Scientific Publishers, xi + 410 pp.
Rathore, N.S. 1998. Swarming behavior of the termite, *Eremotermes neoparadoxalis* Ahmad (Termitidae: Amitermitianae [sic]) at Jodhpur (Western India). Annals of Arid Zone 37 (2): 177–182.
Rathore, N.S. 1999. New record of a termite, *Dicuspiditermes incola* (Wasmann), from Gujarat, India (Isoptera: Termitidae). Bionotes 1 (2): 39–40.
Rathore, N.S., and A.K. Bhattacharyya. 2004. Termite (Insecta: Isoptera) fauna of Gujarat and Rajasthan—present state of knowledge. Records of the Zoological Survey of India, Occasional Paper 223: 1–77 + [16].
Rathore, N.S., and S. Kumar. 2005. Some observations on the biology of *Microtermes unicolor* Snyder (Termitidae) in the Indian desert. Records of the Zoological Survey of India 104 (1–2): 165–174.
Rathore, N.S., and M. Mandal. 2005. Impact of changing ecology on termite fauna in arid and semi-arid regions of Rajasthan. *In* B.K. Tyagi and Q.H. Baqri (editors), Changing fauna ecology in the Thar Desert: 61–83. Jodhpur, India: Scientific Publishers, xii + 367 pp.
Rathore, N.S., and N. Tak. 2004a. Insecta: Isoptera (Termites). *In* Director, Zoological Survey of India (editor), Fauna of Gujarat (Part 2): 41–87. Zoological Survey of India State Fauna Series 8: 427 pp.
Rathore, N.S., and N. Tak. 2004b. Insecta: Isoptera. *In* N.S. Rathore, Fauna of Desert National Park: 71–78. Zoological Survey of India Fauna of Conservation Areas 19: 1–135.
Ravan, S., and M.S. Akhtar. 1993. A new termite from Iran. Proceedings of the Pakistan Congress of Zoology 13: 555–560.
Ravan, S., and M.S. Akhtar. 1996. Swarming behaviour of termites (Isoptera) in the province of Sistan and Baluchistan (Zabul), Iran. Pakistan Journal of Zoology 28 (1): 85–95.
Ravan, S., and M.S. Akhtar. 1998. Feeding preferences and diversity of termites of Iran. Punjab University Journal of Zoology 13: 9–26.
Ravan, S., and M.S. Akhtar. 1999a. New termites from Iran. Punjab University Journal of Zoology 14: 65–85.
Ravan, S., and M.S. Akhtar. 1999b. Swarming of nymphs of *Postelectrotermes pasniensis* (Isoptera: Kalotermitidae). Sociobiology 33 (2): 105–109.
Raw, A., and I. Egler. 1985. A new Brazilian termite species and the first record of soldier dimorphism in the genus *Orthognathotermes* (Isoptera, Termitidae). Revista Brasileira de Zoologia 2 (6): 333–337.
Rebello, A.M.C., and C. Martius. 1994. Dispersal flights of termites in Amazonian forests (Isoptera). Sociobiology 24 (2): 127–146.
Reddy, M.V. 1981. *Microcerotermes annandalei* Silvestri as a pest of structural wood. Material und Organismen 16 (4): 311–314.
Reddy, M.V. 1984. First record of *Odontotermes bellahunisensis* Holmg. and Holmg. feeding on *Cocos nucifera* Linn. Journal of the Bombay Natural History Society 80 (3): 653.

Reddy, M.V., and C. Sammaiah. 1987. Damage of *Coptotermes ceylonicus* Holmgren to structural wood in Telengana region of Andhra Pradesh. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects [proceedings of the 10th international congress of the International Union for the Study of Social Insects, Munich, 18–22 August 1986]: 672–673. Munich: J. Peperny, xxxv + 16 + 757 pp.

Redford, K.H. 1984. The termitaria of *Cornitermes cumulans* (Isoptera, Termitidae) and their role in determining a potential keystone species. Biotropica 16 (2): 112–119.

Redtenbacher, J. 1886. Vergleichende Studien über das Flügelgeäder der Insecten. Annalen des Kaiserlich-Königlichen Naturhistorischen Museums in Wien 1: 153–232 + pls. IX–XX.

Reichensperger, A. 1923. Die Bauten des *Apicotermes occultus* Silv. Bulletin de la Société des Naturalistes Luxembourgeois 17: 52–59.

Reilly, L.M. 1987. Measurements of inbreeding and average relatedness in a termite population. American Naturalist 130 (3): 339–349.

Reinhard, J., and J.-L. Clément. 2002. Alarm reaction of European *Reticulitermes* termites to soldier head capsule volatiles (Isoptera, Rhinotermitidae). Journal of Insect Behavior 15 (1): 95–107.

Reinhard, J., and M. Kaib. 1995. Interaction of pheromones during food exploitation by the termite *Schedorhinotermes lamanianus.* Physiological Entomology 20: 266–272.

Reinhard, J., and M. Kaib. 2001a. Thin-layer chromatography assessing feeding stimulation by labial gland secretion compared to synthetic chemicals in the subterranean termite *Reticulitermes santonensis.* Journal of Chemical Ecology 27 (1): 175–187.

Reinhard, J., and M. Kaib. 2001b. Food exploitation in termites: indication for a general feeding-stimulating signal in labial gland secretion of Isoptera. Journal of Chemical Ecology 27 (1): 189–201,

Reinhard, J., and M. Kaib. 2001c. Trail communication during foraging and recruitment in the subterranean termite *Reticulitermes santonensis* de Feytaud (Isoptera, Rhinotermitidae). Journal of Insect Behavior 14 (2): 157–171.

Reinhard, J., H. Hertel, and M. Kaib. 1997a. Feeding stimulation signal in labial gland secretion of the subterranean termite *Reticulitermes santonensis.* Journal of Chemical Ecology 23 (10): 2371–2381.

Reinhard, J., H. Hertel, and M. Kaib. 1997b. Systematic search for food in the subterranean termite *Reticulitermes santonensis* De Feytaud (Isoptera, Rhinotermitidae). Insectes Sociaux 44 (2): 147–158.

Reinhard, J., A. Quintana, L. Sreng, and J.-L. Clément. 2003. Chemical signals inducing attraction and alarm in European *Reticulitermes* termites (Isoptera, Rhinotermitidae). Sociobiology 42 (3): 675–691.

Reis, Y.T., and E.M. Cancello. 2007. Riqueza de cupins (Insecta, Isoptera) em áreas de Mata Atlântica primária e secundária do sudeste da Bahia. Iheringia Série Zoologia 97 (3): 229–234.

Ren, D. 1995. Isoptera. *In* D. Ren, L. Lu, Z. Guo, and S. Ji, Faunae and stratigraphy of Jurassic-Cretaceous in Beijing and the adjacent areas: 56–61, 181–182. Beijing: Geological Publishing House, viii + 222 pp. [in Chinese, with English summary]

Rengger, J.R. 1835. Reise nach Paraguay in der Jahren 1818 bis 1826, von Dr. J.R. Rengger. Aus des verfassers Handschriftlichem nachlasse herausgegeben von A. Rengger. Aarau, Switzerland: H.R. Saeurlænder, xxxxvi + 495 pp. + 3 pls.

Renoux, J. 1972. Le nid du termite *Schedorhinotermes lamanianus* (Sjöstedt) (Isoptera, Rhinotermitidae). Annales de l'Université de Brazzaville (Série C) 8: 43–68.

Renoux, J. 1973. Eléments de biologie des termites du genre *Schedorhinotermes* (Isoptera Rhinotermitidae) dans la République Populaire du Congo. Annales de Centre d'Enseignement Supérieur de l'Université de Brazzaville 6: 125–137.

Renoux, J. 1975. Étude de la société du termite *Schedorhinotermes lamanianus* (Sjöstedt): polymorphisme—régulation sociale. Annales de l'Université de Brazzaville (Série C) 11: 185–209.

Renoux, J. 1976. Le polymorphism de *Schedorhinotermes lamanianus* (Sjöstedt) (Isoptera—Rhinotermitidae). Insectes Sociaux 23 (3 bis): 279–494.

Renoux, J. 1985. Dynamic study of polymorphism in *Schedorhinotermes lamanianus* (Rhinotermitidae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 59–73. Oxford: Pergamon Press, xiv + 405 pp.

Retnakaran, A., and J. Percy. 1985. Fertilization and special modes of reproduction. *In* G.A. Kerkut and L.I. Gilbert (editors), Comprehensive insect physiology and pharmacology. Vol. 1, embryogenesis and reproduction: 231–293. Oxford: Pergamon Press, xvi + 487 pp.

Retzius, A.J. 1783. *vide* DeGeer (1783).

Richard, G. 1949a. Les trachées de la patte de *Calotermes flavicollis* Fab. Bulletin de la Société Zoologique de France 74: 49–52.

Richard, G. 1949b. La répartition des sensilles sur les pattes du *Calotermes flavicollis* Fab. Bulletin de la Société Zoologique de France 74: 77–84.

Richard, G. 1950a. L'innervation et les organes sensoriels de la patte du termite à cou jaune (*Calotermes flavicollis* F.). Annales des Sciences Naturelles, Zoologie (II) 12: 65–83.

Richard, G. 1950b. Régéneration des pattes chez le termite à cou jaune (*Calotermes flavicollis* Fab.). La Feuille des Naturalistes 5 (1–2): 13–16.

Richard, G. 1951. Le phototropisme du termite à cou jaune (*Calotermes flavicollis* Fabr.) et ses bases sensorielles. Annales des Sciences Naturelles, Zoologie et Biologie Animale 12 [1950]: 485–603 + 2 pls.

Richard, G. 1952. L'innervation et les organes sensoriels des pièces buccales du termite à cou jaune (*Calotermes flavicollis* Fab.). Annales des Sciences Naturelles, Zoologie (11e) 13 [1951]: 397–412.

Richard, G. 1953. Le rôle des organes sensoriels dans certaines phases du comportement des termites. Annales des Sciences Naturelles, Zoologie (11) 14 [1952]: 415–421.

Richard, G. 1954. Organogenèse des nerfs et des trachées alaires du termite *Calotermes flavicollis* Fab. Insectes Sociaux 1 (2): 177–187.

Richard, G. 1956. Contribution a l'étude du géotropisme de "*Calotermes flavicollis* Fab." Journal de Psychologie Normale et Pathologique Oct.–Dec.: 502–527.

Richard, G. 1957. L'ontogénèse des organes chordotonaux antennaires de *Calotermes flavicollis* (Fab.). Insectes Sociaux 4 (2): 107–111.

Richard, G. 1969. Nervous system and sense organs. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 161–192. New York: Academic Press, xiii + 598 pp.

Richard, G. 1971a. Contribution à l'étude du système nerveux abdominal de divers insectes. Proceedings 13th International Congress of Entomology, Moscow 1: 290.

Richard, G. 1971b. Les ailes insectes: leur origine et leur évolution. Proceedings 13th International Congress of Entomology, Moscow 1: 290–292.

Rickli, M., and R.H. Leuthold. 1987. Spacial organisation during exploration and foraging in the harvester termite, *Trinervitermes geminatus.* Revue Suisse de Zoologie 94 (3): 545–551.

Rickli, M., and R.H. Leuthold. 1988. Homing in harvester termites: evidence of magnetic orientation. Ethology 77: 209–216.

Riek, E.F. 1952. Fossil insects from the Tertiary sediments at Dinmore, Queensland. University of Queensland Papers, Department of Geology (n.s.) 4 (2): 15–22.

Riek, E.F. 1970. Fossil history. *In* I.M. Mackerras (editor), The insects of Australia: a textbook for students and research workers: 168–186. Melbourne: Melbourne University Press, xiii + 1029 pp.

Rigaud, C., transl. 1786. Mémoire pour servir à l'histoire de quelques insectes, connus sous les noms de *Termès,* ou fourmis blanches [translation of Smeathman (1781), with slight changes by permission of the author]. Paris: Née de la Rochelle, 63 pp. + 7 pls.

Riley, N.D. 1943. An occurrence of *Nasutitermes costalis* Holmgren in England (Isoptera). Proceedings of the Royal Entomological Society of London, Series A, General Entomology 18 (10–12): 95.

Ritter, F.J., and C.M.A. Coenen-Saraber. 1969. Food attractants and a pheromone as trail-following substances for the Saintonge termite. Multiplicity of the trail-following substances in *L. trabea*-infected wood. Entomologia Experimentalis et Applicata 12: 611–622.

Rizvi, S.M., A. Nazrussalam, H.M. Singh, and A.K. Singh. 1996. Occurrence of different species of termite in eastern Uttar Pradesh. Shaspa 3 (1): 73–74.

Robert, A., A. Peppuy, E. Sémon, F.D. Boyer, M.J. Lacey, and C. Bordereau. 2004. A new C12 alcohol identified as a sex pheromone and a trail-following pheromone in termites: the diene (*Z,Z*)-dodeca-3,6-dien-1-ol. Naturwissenschaften 91: 34–39.

Roberts, H. 1987. Forest insect pests of Papua New Guinea, 3. White ants (termites) attacks on plantation trees. Harvest 12: 97–102.

Robinson, G.E. 1992. Regulation of division of labor in insect societies. Annual Review of Entomology 37: 637–665.

Rocha, M.M. See Da Rocha.

Rodionov, S.V., K. Kakaliev, and N.V. Nekhamkin. 1973. *Microcerotermes* sp. n. as biological destroyer of materials. *In* A.O. Tashliev, A.N. Luppova and K. Cacaliev (editors), The study of termites and the development of

anti-termite measures: 196–205. Ashkhabad, Turkmenistan: Institute of Zoology, Akademiya Nauk Turkmenskoi SSR, 216 pp. [in Russian]
Rodriguez-Pérez, M. 1975. Lista preliminar de insectos que atacan a los arboles maderables en la provincia de Las Villas, Cuba. Centro Agricola (Cuba) 2: 85–91.
Roessler, E.S. 1932. A preliminary study of the nitrogen needs of growing *Termopsis.* University of California Publications in Zoölogy 36 (15): 357–368.
Rogers, A.F. 1938. Fossil termite pellets in opalized wood from Santa Maria, California. American Journal of Science (5) 36 (215): 389–392.
Rogers, L.K.R., J.R.J. French, and M.A. Elgar. 1999. Suppression of plant growth on the mounds of the termite *Coptotermes lacteus* Froggatt (Isoptera, Rhinotermitidae). Insectes Sociaux 46: 366–371.
Rohdendorf, B.B., and A.P. Rasnitsyn. 1980. The historical development of the class Insecta. Trudy Paleontologicheskogo Instituta, Akademiya Nauk SSSR 175: 1–269. [in Russian]
Rohr, D.M., A.J. Boucot, J. Miller, and M. Abbott. 1986. Oldest termite nest from the Upper Cretaceous of west Texas. Geology (Boulder) 14 (1): 87–88.
Röhrig, A., W.H. Kirchner, and R.H. Leuthold. 1999. Vibrational alarm communication in the African fungus-growing termite genus *Macrotermes* (Isoptera, Termitidae). Insectes Sociaux 46: 71–77.
Rohrmann, G.[F.]. 1977. Head of soldier of *Trinervitermes trinervoides.* Sociobiology 2 (3): 253. [photographs]
Rohrmann, G.F. 1978. The origin, structure, and nutritional importance of the comb in two species of Macrotermitinae (Insecta, Isoptera). Pedobiologia 18: 89–98.
Rohrmann, G.F., and A.Y. Rossman. 1980. Nutrient strategies of *Macrotermes ukuzii* (Isoptera: Termitidae). Pedobiologia 20: 61–73.
Roisin, Y. 1987. Polygyny in *Nasutitermes* species: field data and theoretical approaches. *In* J.M. Pasteels and J.-L. Deneubourg (editors), Experientia supplementum. Vol. 54, from individual to collective behavior in social insects: les Treilles Workshop: 379–404. Basel: Birkhäuser Verlag, 433 pp.
Roisin, Y. 1988a. The caste system of *Parrhinotermes browni* (Isoptera: Rhinotermitidae). Sociobiology 14 (1): 21–28.
Roisin, Y. 1988b. Morphology, development and evolutionary significance of the working stages in the caste system of *Prorhinotermes* (Insecta, Isoptera). Zoomorphology (Berlin) 107 (6): 339–347.
Roisin, Y. 1990a. The termite genus *Amitermes* Silvestri in Papua New Guinea. Indo-Malayan Zoology 6 [1989]: 185–194.
Roisin, Y. 1990b. Queen replacement in the termite *Microcerotermes papuanus.* Entomologia Experimentalis et Applicata 56: 83–90.
Roisin, Y. 1990c. Reversibility of regressive molts in the termite *Neotermes papua.* Naturwissenschaften 77: 246–247.
Roisin, Y. 1990d. Termite workers: a model for the study of social evolution. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 335–336. Leiden: E.J. Brill, xxxi + 765 pp.
Roisin, Y. 1992. Development of non-reproductive castes in the Neotropical termite genera *Cornitermes, Embiratermes* and *Rhynchotermes* (Isoptera, Nasutitermitinae). Insectes Sociaux 39: 313–324.
Roisin, Y. 1993. Selective pressures on pleometrosis and secondary polygyny: a comparison of termites and ants. *In* L. Keller (editor), Queen number and sociality in insects: 402–421. Oxford: Oxford University Press, xii + 439 pp.
Roisin, Y. 1994. Intragroup conflicts and the evolution of sterile castes in termites. American Naturalist 143: 751–765.
Roisin, Y. 1995. Humivorous nasute termites (Isoptera: Nasutitermitinae) from the Panama Canal area. Belgian Journal of Zoology 125 (2): 283–300.
Roisin, Y. 1996. Castes in humivorous and litter-dwelling Neotropical nasute termites (Isoptera, Termitidae). Insectes Sociaux 43 (4): 375–389.
Roisin, Y. 1999. Philopatric reproduction, a prime mover in the evolution of termite sociality? Insectes Sociaux 46 (4): 297–305.
Roisin, Y. 2000. Diversity and evolution of caste patterns. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 95–119. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.
Roisin, Y. 2001. Caste sex ratios, sex linkage, and reproductive strategies in termites. Insectes Sociaux 48 (3): 224–230.
Roisin, Y. 2003. *Cryptotermes chacoensis,* a new species from native South American inland habitats (Isoptera: Kalotermitidae). Sociobiology 42 (2): 319–327. Roisin, Y. 2005. Comment on the proposed conservation of *Nasutitermes* Dudley, 1890, *Microcerotermes* Silvestri, 1901 and Nasutitermitinae Hare, 1937 (Insecta, Isoptera). Bulletin of Zoological Nomenclature 62 (3): 149–150.

Roisin, Y. 2008. Comments on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae) (Case 3385; see BZN 64: 83–86, 185–187, 65: 47–49). Bulletin of Zoological Nomenclature 65 (2): 134–136.

Roisin, Y. 2011. *Cryptotermes* (Isoptera, Kalotermtidae) on Espiritu Santo, Vanuatu: redescription of *Cryptotermes albipes* (Holmgren and Holmgren) and description of *Cryptotermes penaoru* sp. n. ZooKeys 148: 31–40.

Roisin, Y., and J. Korb. 2010. Social organization and the status of workers in termites. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 133–164. Dordrecht: Springer, xiv + 576 pp.

Roisin, Y., and M. Lenz. 1999. Caste developmental pathways in colonies of *Coptotermes lacteus* (Froggatt) headed by primary reproductives (Isoptera, Rhinotermitidae). Insectes Sociaux 46 (3): 273–280.

Roisin, Y., and M. Lenz. 2002. Origin of male-biased sex allocation in orphaned colonies of the termite, *Coptotermes lacteus*. Behavioral Ecology and Sociobiology 51: 472–479.

Roisin, Y., and J.M. Pasteels. 1984. Polygynie et polymorphisme des sexués chez *Nasutitermes princeps* (Desneux). Actes des Colloques Insectes Sociaux 1: 233–238.

Roisin, Y., and J.M. Pasteels. 1985a. Imaginal polymorphism and polygyny in the Neo-Guinean termite *Nasutitermes princeps* (Desneux). Insectes Sociaux 32: 140–157.

Roisin, Y., and J.M. Pasteels. 1985b. A new *Nasutitermes* species from New Guinea (Isoptera: Termitidae). Indo-Malayan Zoology 2 (2): 325–330.

Roisin, Y., and J.M. Pasteels. 1986a. La fonction reproductrice chez trois *Nasutitermes* de nouvelle-Guinée (Isoptera, Termitidae). Annales de la Société Entomologique de France (n.s.) 22 (2): 129–137.

Roisin, Y., and J.M. Pasteels. 1986b. Replacement of reproductives in *Nasutitermes princeps* (Desneux) (Isoptera: Termitidae). Behavioral Ecology and Sociobiology 18: 437–442.

Roisin, Y., and J.M. Pasteels. 1986c. Reproductive mechanisms in termites: polycalism and polygyny in *Nasutitermes polygynus* and *N. costalis*. Insectes Sociaux 33 (2): 149–167.

Roisin, Y., and J.M. Pasteels. 1986d. Differentiation of worker-derived intercastes and precocious imagoes after queen removal in the Neo-Guinean termite *Nasutitermes princeps* (Desneux). Journal of Morphology 189: 281–293.

Roisin, Y., and J.M. Pasteels. 1987a. Caste developmental potentialities in the termite *Nasutitermes novarumhebridarum*. Entomologia Experimentalis et Applicata 44: 277–287.

Roisin, Y., and J.M. Pasteels. 1987b. Species-specific responses to orphaning in Neo-Guinean *Nasutitermes*. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, 18–22 August 1986: 289–290. Munich: J. Peperny, xxxv + 16 + 757 pp.

Roisin, Y., and J.M. Pasteels. 1990. Evolutionary trends in neoteny and secondary reproduction in termites. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 33–34. Leiden: E.J. Brill, xxxi + 765 pp.

Roisin, Y., and J.M. Pasteels. 1991a. Sex ratio and asymmetry between the sexes in the production of replacement reproductives in the termite, *Neotermes papua* (Desneux). Ethology Ecology and Evolution 3 (4): 327–335.

Roisin, Y., and J.M. Pasteels. 1991b. Polymorphism in the giant cocoa termite, *Neotermes papua* (Desneux). Insectes Sociaux 38 (3): 263–272.

Roisin, Y., and J.M. Pasteels. 1996. The nasute termites (Isoptera, Nasutitermitinae) of Papua New Guinea. Invertebrate Taxonomy 10 (3): 507–616.

Roisin, Y., and J.M. Pasteels. 2000. The genus *Microcerotermes* (Isoptera: Termitidae) in New Guinea and the Solomon Islands. Invertebrate Taxonomy 14 (2): 137–174.

Roisin, Y., and J.M. Pasteels. 2007. Comment on the proposed conservation of *Termes serratus* Froggatt, 1898 (currently *Microcerotermes serratus*) and *Termes serrula* Desneux, 1904 (currently *Microcerotermes serrula*) (Insecta, Isoptera, Termitinae) (Case 3385; see BZN 64: 83–86. Bulletin of Zoological Nomenclature 64 (3): 185–187.

Roisin, Y., J.M. Pasteels, and J.-C. Braekman. 1986. Systèmes polycaliques chez *Nasutitermes princeps* (Desneux). Actes des Colloques Insectes Sociaux 3: 123–132.

Roisin, Y., J.M. Pasteels, and J.-C. Braekman. 1987. Soldier diterpene patterns in relation with aggressive behaviour, spatial distribution and reproduction of colonies in *Nasutitermes princeps*. Biochemical Systematics and Ecology 15 (2): 253–261.

Roisin, Y., C. Everaerts, J.M. Pasteels, and O. Bonnard. 1990. Caste-dependent reactions to soldier defensive secretion and chiral alarm/recruitment pheromone in *Nasutitermes princeps.* Journal of Chemical Ecology 16 (10): 2865–2875.

Roisin, Y., R.H. Scheffrahn, and J. Křeček. 1996. Generic revision of the smaller nasute termites of the Greater Antilles (Isoptera, Termitidae, Nasutitermitinae). Annals of the Entomological Society of America 89 (6): 775–787.

Roisin, Y., A. Dejean, B. Corbora, J. Orivel, M. Samaniego, and M. Leponce. 2006. Vertical stratification of the termite assemblage in a neotropical rainforest. Oecologia 149: 301–311.

Rojas, M.G., C. Werle, N. Cottrell, and J.A. Morales-Ramos. 2005. Changes in the ratios of four cuticular hydrocarbons in Formosan subterranean termite workers (*Coptotermes formosanus*) (Isoptera: Rhinotermitidae) due to diet. Sociobiology 46 (1): 131–140.

Rolander, D. 2008. Daniel Rolander's Journal. *In* L. Hansen (editor), The Linnaeus apostles: global science and adventure. Europe, North and South America: Kalm, Löfling, and Rolander. Vol. 3, Book 3: 1215–1576 + 11 pls. London: The IK Foundation and Company.

Roomi, M.W., S.K. Hassan, and M. Atiquddin. 1981. A scent-trail pheromone isolated from a Pakistani termite, *Coptotermes heimi* (Wasmann). Zeitschrift für Angewandte Entomologie 91: 213–216.

Roonwal, M.L. 1953. Systematics of Oriental termites. No. 1. A new species of termite, *Heterotermes gertrudae,* sp. nov., from North India (Isoptera, family Rhinotermitidae). Indian Journal of Entomology 15 (2): 115–118.

Roonwal, M.L. 1954a. A brief review of the progress of entomology in India during the period 1938–50, together with a bibliography. Memoirs of the Entomological Society of India 3: 1–119.

Roonwal, M.L. 1954b. Biology and ecology of Oriental termites (Isoptera). No. 1. *Odontotermes parvidens* Holmg. and Holmg. severely damaging the bark and contributing to the death of standing teak trees in Uttar Pradesh, India. Journal of the Bombay Natural History Society 52 (2–3): 459–462 + 1 pl.

Roonwal, M.L. 1954c. Biology and ecology of Oriental termites (Isoptera). No. 2. On ecological adjustment in nature between two species of termites, namely, *Coptotermes heimi* (Wasmann) and *Odontotermes redemanni* (Wasmann) in Madhya Pradesh, India. Journal of the Bombay Natural History Society 52 (2–3): 463–467 + 1 pl.

Roonwal, M.L. 1956a. External genitalia of termites (Isoptera). Journal of the Zoological Society of India 7 (2) [1955]: 107–114.

Roonwal, M.L. 1956b. Termites ruining a township. Zeitschrift für Angewandte Entomologie 38: 103–104.

Roonwal, M.L. 1956c. Isoptera. *In* S.L. Tuxen (editor), Taxonomist's glossary of genitalia in insects: 34–38. Copenhagen: E. Munksgaard, 284 pp.

Roonwal, M.L. 1958. Recent work on termite research in India (1947–57). Transactions of the Bose Research Institute 22: 77–100.

Roonwal, M.L. 1959. Biology and ecology of Oriental termites (Isoptera). No. 4. The drywood termite *Coptotermes heimi* (Wasm.) in India. Journal of the Bombay Natural History Society 56 (3): 511–523 + 2 pls.

Roonwal, M.L. 1960. Termite research in India. Address of the president. Pt. 2. Journal of the Zoological Society of India 11 (2) [1959]: 211–215.

Roonwal, M.L. 1962a. Biology and ecology of Oriental termites. No. 5. Mound structure, nest and moisture-content of fungus combs in *Odontotermes obesus,* with a discussion on the association of fungi with termites. Records of the Indian Museum 58 (3–4) [1960]: 131–150 + 4 pls.

Roonwal, M.L. 1962b. Recent developments in termite systematics (1949–1960). *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 31–50. Paris: UNESCO, 259 pp.

Roonwal, M.L. 1964. Termite measurements and indices. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 69–75. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Roonwal, M.L. 1969a. Fauna of Rajasthan, India. Part 1. General introduction, with a list of collecting localities and a bibliography of Rajasthan zoology. Records of the Zoological Survey of India 61 [1963]: 291–375.

Roonwal, M.L. 1969b. The pioneer termite fauna of the recent volcanic island, Anak Krakatau, Sunda Straits (Indonesia). Bulletin of Systematic Zoology (Calcutta) 1 (2): 39–43 + 1 pl.

Roonwal, M.L. 1970a. Isoptera. *In* S.L. Tuxen (editor), Taxonomist's glossary of genitalia in insects, 2nd ed.: 41–46. Copenhagen: Munksgaard, 359 pp.

Roonwal, M.L. 1970b. Measurements of termites (Isoptera) for taxonomic purposes. Journal of the Zoological Society of India 21 (1): 9–66.

Roonwal, M.L. 1970c. Termites of the Oriental region. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 315–391. New York: Academic Press, xiv + [1] + 643 pp.

Roonwal, M.L. 1972a. Aspects of ecology and control of wood borers and termites: a review of recent work in India. Journal of the Indian Academy of Wood Science 3: 24–33.

Roonwal, M.L. 1972b. Papillae on tibial spines and spurs in the termite *Mastotermes darwiniensis.* Science and Culture 38 (5): 255.

Roonwal, M.L. (editor). 1972c. Termite problems in India: a symposium held under the auspices of the Biological Research Committee, Council of Scientific and Industrial Research, New Delhi, 26–27 March, 1970. New Delhi: Council of Scientific and Industrial Research, viii + 81 pp.

Roonwal, M.L. 1973. Mound-structure, fungus combs and primary reproductives (king and queen) in the termite *Odontotermes brunneus* (Termitidae) in India. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 39 (1): 63–76.

Roonwal, M.L. 1974a. Occur[r]ence of papillae on tibial spines and spurs in the Australian termite, *Mastotermes darwiniensis* [Mastotermitidae], with remarks on some other primitive species. Journal of the Zoological Society of India 24 (2) [1972]: 155–160.

Roonwal, M.L. 1974b. Nomenclatural status of a Palestine termite, *Microcerotermes palestinensis* (Termitidae: Amitermitinae). Journal of the Zoological Society of India 24 (2 [1972]: 193–194.

Roonwal, M.L. 1975a. On a new phylogenetically significant ratio (width/length) in termite eggs (Isoptera). Zoologischer Anzeiger 195 (1–2): 43–50.

Roonwal, M.L. 1975b. A redescription of the termite *Parrhinotermes pygmaeus* John from southeast Asia, with a key to Oriental species of the genus (Isoptera: Rhinotermitidae). Treubia 28 (4): 135–142.

Roonwal, M.L. 1975c. Phylogeny and status of termite families Stylotermitidae and Indotermitidae with three-segmented tarsi, and the evolution of tarsal segmentation in the Isoptera. Biologisches Centralblatt 94 (1): 27–43.

Roonwal, M.L. 1975d. A new mode of egg-laying, in ribbons, and the rate of laying in the termite *Odontotermes obesus* (Termitidae). Zoologischer Anzeiger 195 (5–6): 351–354.

Roonwal, M.L. 1975e. Field and other observations on the harvester termite *Anacanthotermes macrocephalus* (Desneux) (Hodotermitidae), from the Indian desert. Zeitschrift für Angewandte Entomologie 78 (4): 424–440.

Roonwal, M.L. 1975f. Sex ratios and sexual dimorphism in termites. Journal of Scientific and Industrial Research (New Delhi) 34: 402–416.

Roonwal, M.L. 1975g. Thar Desert termites. *In* R.K. Gupta and I. Prakash (editors), Environmental analysis of the Thar Desert: 393–422. Dehra Dun, India: English Book Depot, viii + 484 pp.

Roonwal, M.L. 1976. Field ecology and eco-biogeography of Rajasthan termites: a study in desert environment. Zoologische Jahrbücher: Abteilung für Systematik, Ökologie und Geographie der Tiere 103: 455–504.

Roonwal, M.L. 1977a. Rajasthan termites (Insecta: Isoptera). *In* M.L. Roonwal (editor), The natural resources of Rajasthan [Vols. 1 and 2]: 373–379. Jodhpur, India: University of Jodhpur, xix + 1211 pp.

Roonwal, M.L. 1977b. Termite ecology in the Indian desert ecosystem. A review of recent work. *In* H.S. Mann (editor), Desert eco-system and its improvement: 323–328. Jodhpur, India: Central Arid Zone Research Institute (Monograph No. 1), 391 pp.

Roonwal, M.L. 1977c. Growth ratios of termite mounds (*Odontotermes,* Termitidae). Comparative Physiology and Ecology 2 (3): 139–141.

Roonwal, M.L. 1977d. Micro-sculpturing on termite wings (Isoptera), and its significance. Proceedings of the Zoological Society (Calcutta) 28 [1975]: 31–39.

Roonwal, M.L. 1978a. Termites from the Himalaya. Memoirs of the School of Entomology, St. John's College 6: 101–106.

Roonwal, M.L. 1978b. Further observations on growth ratios of termite mounds (*Odontotermes,* Termitidae). Comparative Physiology and Ecology 3 (1): 1–2.

Roonwal, M.L. 1978c. Bioecological and economical observations on termites of Peninsular India. Zeitschrift für Angewandte Entomologie 85: 15–30.

Roonwal, M.L. 1978d. Field data on intraspecific variability in mound construction and nesting habits in termites and its ecological relationships. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 43 (5) [1977]: 159–174.

Roonwal, M.L. 1979a. Termite life and termite control in tropical South Asia. Jodhpur, India: Scientific Publishers, xii + 177 pp.

Roonwal, M.L. 1979b. Termite damage to railway coaches in India (*Coptotermes heimi*). Indian Journal of Forestry 2 (4): 307–310.

Roonwal, M.L. 1980. The mound of *Odontotermes gurdaspurensis,* with field observations on other termites (*O. obesus* and *O. horai*) from Haryana, India. Indian Journal of Entomology 42 (4): 541–550.

Roonwal, M.L. 1981. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) XI. Some hitherto unstudied genera and species in five families. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 47 (4): 467–473.

Roonwal, M.L. 1982a. The identity of two economically important termites, *Heterotermes gertrudae* and *H. indicola* (Rhinotermitidae) from India. Bulletin of Entomology (Madras) 23: 1–4.

Roonwal, M.L. 1982b. Fauna of the Great Indian Desert: past and present composition, zoogeography, ecology, biology, physiology and conservation. Desert Resources and Technology 1: 1–86.

Roonwal, M.L. 1983a. Universal occurrence of external cuticular, microscopic papillae and allied structures as an essential character of termites (Isoptera, Insecta), and redefinition of the order. Zoologischer Anzeiger 211 (1–2): 137–144.

Roonwal, M.L. 1983b. Evolution and systematic significance of wing micro-sculpturing in termites. XIII. Order Isoptera. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 49 (5): 359–391.

Roonwal, M.L. 1983c. The ecology of termite swarming in the Indian Desert. *In* P.K. Sen-Sarma, S.K. Kulshrestha, and S.K. Sangal (editors), Insect interrelations in forest and agro-ecosystems: 9–13. Dehra Dun, India: Jugal Kishore and Co., [6] + 262 pp.

Roonwal, M.L. 1984. The abdomen, genitalia and accessory structures in termites (Isoptera). Memoirs of the Entomological Society of India 9: 1–69.

Roonwal, M.L. 1985a. Scanning electron microscopic studies of wing microsculpturing in termites (Isoptera). I. Genera *Heterotermes* and *Microtermes.* Proceedings of the Indian National Science Academy, Part B, Biological Sciences 51 (1): 6–14.

Roonwal, M.L. 1985b. The Har Swarup memorial lecture: recent researches on wing microsculpturing in termites (Isoptera), and its evolutionary and biological significance. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 51 (2): 135–168.

Roonwal, M.L. 1985c. Scanning electron microscopic studies of wing microsculpturing in termites (Isoptera). II. Genera *Amitermes* and *Eremotermes* (Termitidae, Amitermitinae). Proceedings of the Indian National Science Academy, Part B, Biological Sciences 51 (3): 310–318.

Roonwal, M.L. 1985d. Wing microsculpturing in termites (Isoptera) under the scanning electron microscope. Zoologischer Anzeiger 215 (3–4): 219–230.

Roonwal, M.L. 1986. Second contribution to wing microsculpturing in termites (Isoptera) under the scanning electron microscope. Zoologischer Anzeiger 216 (1–2): 81–89.

Roonwal, M.L. 1988. Field ecology and soldier polymorphism in the Indian sand termite, *Psammotermes rajasthanicus* (Rhinotermitidae, Psammotermitinae). Indian Journal of Entomology 47 (4) [1985]: 455–460.

Roonwal, M.L., and G. Bose. 1960. A new termite, *Psammotermes rajasthanicus* sp. nov. from Rajasthan, India. Science and Culture 26 (1): 38–39.

Roonwal, M.L., and G. Bose. 1961. A redescription of the Indian termite, *Odontotermes bellahunisensis* Holmg. and Holmg., with description of a new subspecies from Rajasthan. Journal of the Bombay Natural History Society 58 (3): 580–594.

Roonwal, M.L., and G. Bose. 1962. An African genus *Psammotermes* in Indian termite fauna, with fuller description of *P. rajasthanicus* from Rajasthan, India. Records of the Indian Museum 58 (3–4) [1960]: 151–158 + 2 pls.

Roonwal, M.L., and G. Bose. 1964. Termite fauna of Rajasthan, India. Zoologica (Stuttgart) 40 (3 [113]): i–vi + 1–58 + 5 pls.

Roonwal, M.L., and G. Bose. 1965. Zoogeography of Andaman and Nicobar termites. Bulletin of Systematic Zoology (Calcutta) 1 (1): 3–4.

Roonwal, M.L., and G. Bose. 1969. Fauna of Rajasthan, India. Part 4. A check-list of Rajasthan termites (Insecta: Isoptera). Records of the Zoological Survey of India 61 (3–4) [1963]: 437–450 (d).

Roonwal, M.L., and G. Bose. 1970a. Taxonomy and zoogeography of the termite fauna of Andaman and Nicobar Islands, Indian Ocean. Records of the Zoological Survey of India 62 (3–4) [1964]: 109–170 (d).

Roonwal, M.L., and G. Bose. 1970b. Scaly serrations on spines and apical spurs of tibia in the Himalayan termite *Archotermopsis wroughtoni.* Science and Culture 36 (12): 673–675.

Roonwal, M.L., and G. Bose. 1978. Vegetational distribution of termites of Rajasthan (India) and their economic importance. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 44 (5): 320–329 + 1 pl.

Roonwal, M.L., and G. Bose. 1988. The harvester termites (*Anacanthotermes*) of the Indian region. Identity, distribution and biology (Isoptera, Hodotermitidae). Records of the Zoological Survey of India, Occasional Paper 111: 1–61 + 4 pls.

Roonwal, M.L., and O.B. Chhotani. 1959a. New termites (*Odontotermes*) from southern India. Science and Culture 25 (5): 325–326.

Roonwal, M.L., and O.B. Chhotani. 1959b. New Neotropical element (*Anoplotermes*) in Indian termite fauna. Nature 184 (4703): 1967–1968.

Roonwal, M.L., and O.B. Chhotani. 1959c. Systematics of Oriental termites. VI. Fuller description of two new species of *Odontotermes* from India. Indian Journal of Agricultural Science 29 (4): 57–68.

Roonwal, M.L., and O.B. Chhotani. 1960a. Soldier caste found in the termite genus *Speculitermes.* Science and Culture 26 (3): 143–144.

Roonwal, M.L., and O.B. Chhotani. 1960b. *Anoplotermes shillongensis* sp. nov., a new termite from Assam, India. Science and Culture 25 (12): 701.

Roonwal, M.L., and O.B. Chhotani. 1960c. The apical tibial spur formula in the termite genus *Coptotermes.* Journal of the Zoological Society of India 11 (2) [1959]: 125–132.

Roonwal, M.L., and O.B. Chhotani. 1961. The termite *Macrotermes gilvus malayanus* (Haviland) (Termitidae) in Burma. Proceedings of the National Institute of Sciences of India, Part B, Biological Sciences 27 (5): 308–316.

Roonwal, M.L., and O.B. Chhotani. 1962a. Termite fauna of Assam region, eastern India. Proceedings of the National Institute of Sciences of India, Part B, Biological Sciences 28 (4): 281–406 + 26 pls.

Roonwal, M.L., and O.B. Chhotani. 1962b. Indian species of termite genus *Coptotermes.* Indian Council of Agricultural Research Monograph 2: i–ix + 1–115 + 18 pls.

Roonwal, M.L., and O.B. Chhotani. 1962c. A new species and a new subspecies of the termite *Speculitermes* (Termitidae, Amitermitinae) from India. Zoologischer Anzeiger 168 (1–4): 57–63.

Roonwal, M.L., and O.B. Chhotani. 1962d. The mound of the termite *Odontotermes feae* in India. Abstracts of the Second All India Congress of Zoology (Varanasi, 15–21 October 1962) 1962: 85.

Roonwal, M.L., and O.B. Chhotani. 1962e. A new Neotropical element (*Anoplotermes*) in the Indian termite fauna, with fuller description of *A. shillongensis* from Assam. Records of the Indian Museum 58 (3–4) [1960]: 159–168 + 1 pl.

Roonwal, M.L., and O.B. Chhotani. 1963a. Termite *Odontotermes obesus* (Rambur): royal chamber with four queens and two kings. Journal of the Bombay Natural History Society 59 (3) [1962]: 975–976 + 2 pls.

Roonwal, M.L., and O.B. Chhotani. 1963b. Discovery of the termite genus *Procryptotermes* (Isoptera, Kalotermitidae) from Indo-Malayan region, with a new species from India. Biologisches Centralblatt 82 (3): 265–273.

Roonwal, M.L., and O.B. Chhotani. 1964a. Systematics of Oriental termites. No. 7. A new termite *Odontotermes mathadi,* from India and the imago of *O. meturensis* R. and C. (Isoptera: Termitidae). Beiträge zur Entomologie (Berlin) 14 (1–2): 45–52.

Roonwal, M.L., and O.B. Chhotani. 1964b. Systematics of Oriental termites. No. 8. Two new species of *Speculitermes* from India. Indian Journal of Agricultural Science 34 (2): 120–130.

Roonwal, M.L., and O.B. Chhotani. 1965a. Zoogeography of termites of Assam region, India, with remarks on speciation. Journal of the Bombay Natural History Society 62 (1): 19–31.

Roonwal, M.L., and O.B. Chhotani. 1965b. Two new species of *Euhamitermes* Holmgren (Insecta: Isoptera: Termitidae) from India. Proceedings of the Zoological Society (Calcutta) 18 (1): 11–19.

Roonwal, M.L., and O.B. Chhotani. 1966a. Soldier and other castes in the termite genus *Speculitermes* and the phylogeny of the *Anoplotermes-Speculitermes* complex. Biologisches Centralblatt 85 (2): 183–210.

Roonwal, M.L., and O.B. Chhotani. 1966b. The mound of the termite *Odontotermes feae* in India. Proceedings of the Second All India Congress of Zoology, 1962 2: 426–428 + 2 pls.

Roonwal, M.L., and O.B. Chhotani. 1966c. Revision of termite genus *Eurytermes* (Termitidae: Amitermitinae). Proceedings of the National Institute of Sciences of India, Part B, Biological Sciences 31 (3–4) [1965]: 81–113.

Roonwal, M.L., and O.B. Chhotani. 1967a. Indian wood-destroying termites. Journal of the Bombay Natural History Society 63 (2): 354–364.

Roonwal, M.L., and O.B. Chhotani. 1967b. Wing micro-sculpturing in termite genera *Odontotermes, Hypotermes* and *Microtermes* (Termitidae: Macrotermitinae), and [its] taxonomic value. Zoologischer Anzeiger 178 (3–4): 236–262.

Roonwal, M.L., and O.B. Chhotani. 1971. Two new termites of genus *Angulitermes* Sjöstedt (Isoptera: Termitidae) from India, with a key to species of Indian region. Records of the Zoological Survey of India 63 (1–4) [1965]: 209–222.

Roonwal, M.L., and O.B. Chhotani. 1977. Ergebnisse der Bhutan-Expedition 1972 des naturhistorischen Museums in Basel. Isoptera (Termites). Entomologica Basiliensia 2: 39–84.

Roonwal, M.L., and O.B. Chhotani. 1986. The identity of the South Asian termite *Indotermes rongrensis* (R. and C.) (synonyms *Speculitermes cyclops rongrensis* and *I. bangladeshiensis*) (Isoptera, Indotermitidae). Records of the Zoological Survey of India 83 (3–4): 155–163.

Roonwal, M.L., and O.B. Chhotani. 1989. The fauna of India and adjacent countries. Isoptera (termites). (Introduction and families Termopsidae, Hodotermitidae, Kalotermitidae, Rhinotermitidae, Stylotermitidae and Indotermitidae). Vol. 1. Calcutta: Zoological Survey of India, [8] + viii + 672 pp.

Roonwal, M.L., and S. Guha-Roy. 1964. Growth-changes, variability and interrelationship of dimensional components in mounds of the termite *Odontotermes obesus* in India. Proceedings of the National Institute of Sciences of India, Part B, Biological Sciences 30 (2): 114–129.

Roonwal, M.L., and S.D. Gupta. 1952. An unusual royal chamber with two kings and two queens in the Indian mound-building termite *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Journal of the Bombay Natural History Society 51 (1): 293–294.

Roonwal, M.L., and K. Krishna. 1955. Systematics of Oriental termites. II. A new species, *Coptotermes guarii,* from Ceylon. Indian Journal of Agricultural Science 25 (2): 143–152.

Roonwal, M.L., and P.K. Maiti. 1965. First record of termite genus *Postelectrotermes* (Kalotermitidae) from India, with description of a new species. Indian Journal of Entomology 27 (3): 255–261.

Roonwal, M.L., and P.K. Maiti. 1966. Termites from Indonesia, including West Irian. Treubia 27 (1): 63–140.

Roonwal, M.L., and G.D. Pant. 1953. A systematic catalogue of the main identified entomological collection at the Forest Research Institute, Dehradun. Part 9. Order Isoptera. Indian Forest Leaflet (Entomology) 121 (3): 40–60.

Roonwal, M.L., and N.S. Rathore. 1972. Sex ratios, sexual dimorphism, body-weight and moisture-content in two desert termites, *Anacanthotermes macrocephalus* (Hodotermitidae) and *Microtermes mycophagus* (Termitidae), from India. Annals of Arid Zone 11 (1–2): 92–110.

Roonwal, M.L., and N.S. Rathore. 1974. Biological observations on three Indian desert termites, *Eremotermes paradoxalis, Microcerotermes raja* and *Angulitermes jodhpurensis* (Termitidae). Annals of Arid Zone 13 (3): 237–258.

Roonwal, M.L., and N.S. Rathore. 1975a. Swarming, egg-laying and brood-care in termites of genus *Microtermes* (Termitidae) in the Indian desert. Journal of the Indian Academy of Wood Science 6 (1): 37–55.

Roonwal, M.L., and N.S. Rathore. 1975b. Swarming, egg-laying and hatching in the Indian desert harvester termite, *Anacanthotermes macrocephalus* (Hodotermitidae). Annals of Arid Zone 14 (4): 329–338.

Roonwal, M.L., and N.S. Rathore. 1975c. An intercaste soldier with lateral expansions of meso- and metanota in the Oriental termite, *Nasutitermes matangensis* (Haviland). Proceedings of the Zoological Society (Calcutta) 26 [1973]: 21–25.

Roonwal, M.L., and N.S. Rathore. 1976. Termites from the Amazon basin, Brazil, with new records and two new *Nasutitermes* (Insecta: Isoptera). Records of the Zoological Survey of India 69 (1–4) [1971]: 161–186.

Roonwal, M.L., and N.S. Rathore. 1977. Third study of the evolution and systematic significance of wing microsculpturing in termites: micrasters in some Rhinotermitidae and Termitidae. Zoologischer Anzeiger 198 (5–6): 298–312.

Roonwal, M.L., and N.S. Rathore. 1978a. The mound-structure and primary reproductives (king and queen) of the termite *Odontotermes kushwahai* (Termitidae). Bulletin of the Zoological Survey of India 1 (1): 7–13 + 2 pls.

Roonwal, M.L., and N.S. Rathore. 1978b. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera): new types in the Kalotermitidae and the Hodotermitidae. Zoologischer Anzeiger 200 (3–4): 219–232.

Roonwal, M.L., and N.S. Rathore. 1979. Egg-wall sculpturing and micropylar apparatus in some termites and their evolution in the Isoptera. Journal of the Zoological Society of India 27 (1–2) [1975]: 1–17.

Roonwal, M.L., and N.S. Rathore. 1982. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) XII. Sculpturing on wing scales. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 48 (3): 322–343.

Roonwal, M.L., and N.S. Rathore. 1985a. Wing microsculpturing in the Brazilian termite family Serritermitidae (*Serritermes serrifer,* Isoptera), and its bearing on phylogeny. Proceedings of the Indian Academy of Sciences (Animal Sciences) 94 (4): 399–406.

Roonwal, M.L., and N.S. Rathore. 1985b. Wing microsculpturing in the termite genus *Amitermes* (Termitidae, Amitermitinae). Proceedings of the Indian Academy of Sciences (Animal Sciences) 94 (5): 517–521.

Roonwal, M.L., and N.S. Rathore. 1986. Wings and wing-microsculpturing in the termite family Indotermitidae (*Indotermes,* Isoptera), and their bearing on phylogeny. Proceedings of the Indian Academy of Sciences (Animal Sciences) 95 (2): 191–197.

Roonwal, M.L., and N.S. Rathore. 1987. Wing microsculpturing in two Arabian species of the termite genus *Amitermes* (Termitidae, Amitermitinae). Proceedings of the Indian Academy of Sciences (Animal Sciences) 96 (6): 715–719.

Roonwal, M.L., and S.K. Sangal. 1960. Variability in the mandibles of soldiers in the termite *Odontotermes obesus* (Rambur) (Isoptera, family Termitidae). Records of the Indian Museum 55 (1–4) [1957]: 1–22.

Roonwal, M.L., and P.K. Sen-Sarma. 1955. Biology and ecology of Oriental termites (Isoptera). No. 3. Some observations on *Neotermes gardneri* (Snyder) [family Kalotermitidae]. Journal of the Bombay Natural History Society 53 (2): 234–239 + 2 pls.

Roonwal, M.L., and P.K. Sen-Sarma. 1956. Systematics of Oriental termites (Isoptera). No. 3. Zoological Survey of India collections from India and Burma, with new termites of the genera *Parrhinotermes, Macrotermes, Hypotermes,* and *Hospitalitermes.* Indian Journal of Agricultural Science 26 (1): 1–37.

Roonwal, M.L., and P.K. Sen-Sarma. 1960. Contributions to the systematics of Oriental termites. Indian Council of Agricultural Research Monograph 1: i–xiv + 1–407.

Roonwal, M.L., and M.L. Thakur. 1963. Two new species of termites (Rhinotermitidae), *Prorhinotermes shiva* and *Schedorhinotermes tiwarii,* from the Andaman Islands (Bay of Bengal). Indian Journal of Agricultural Science 33 (2): 102–117.

Roonwal, M.L., and S.C. Verma. 1971. A new termite of genus *Postelectrotermes* (Isoptera: Kalotermitidae) from India, with distribution of and keys to Oriental species. Indian Zoologist 2: 83–91.

Roonwal, M.L., and S.C. Verma. 1972. A new wood-infesting termite of genus *Neotermes* (Isoptera: Kalotermitidae) from India. Proceedings of the National Academy of Sciences, India (B) 41 (3) [1971]: 251–256.

Roonwal, M.L., and S.C. Verma. 1973a. Broad-postmentum *latigula*-group species of termite genus *Odontotermes* (Termitidae) from the Orient with a new Indian species. Journal of the Indian Academy of Wood Science 4 (2): 82–91.

Roonwal, M.L., and S.C. Verma. 1973b. First record of termite genus *Incisitermes* Krishna (Kalotermitidae) from Indian region, with description of a new species from Rajasthan. Zoologischer Anzeiger 191 (5–6): 390–397.

Roonwal, M.L., and S.C. Verma. 1973c. Observations on sex-ratios, sexual dimorphism, weight and moisture-content in two termites from Indian Desert, *Microcerotermes raja* and *Microtermes obesi* (Termitidae). Annals of Arid Zone 12 (3–4): 107–124.

Roonwal, M.L., and S.C. Verma. 1976. Imago of the wood-termite *Heterotermes gertrudae* Roonwal (Rhinotermitidae: Heterotermitinae) from north-west Himalayas. Records of the Zoological Survey of India 69 (1–4) [1971]: 241–247.

Roonwal, M.L., and S.C. Verma. 1977a. A new species of *Angulitermes* (Isoptera, Termitidae, Termitinae) from the Indian desert, with some observations on its biology. Entomologist's Monthly Magazine 112 [1976]: 5–12.

Roonwal, M.L., and S.C. Verma. 1977b. Re-survey of the termite fauna of Rajasthan, India and its zoogeography. Records of the Zoological Survey of India 72 (1–4): 425–480.

Roonwal, M.L., and S.C. Verma. 1980a. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) VIII. Subfamily Amitermitinae of family Termitidae. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 46 (3): 250–263.

Roonwal, M.L., and S.C. Verma. 1980b. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) IX. Subfamily Termitinae of family Termitidae. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 46 (4): 455–469.

Roonwal, M.L., and S.C. Verma. 1983. New data on wing micro-sculpturing in termites (Kalotermitidae, Rhinotermitidae and Termitidae). Annals of Entomology (Dehra Dun) 1 (1): 27–34.

Roonwal, M.L., and S.C. Verma. 1985. Scanning electron microscopic studies of wing microsculpturing in termites (Isoptera). III. Genera *Odontotermes* and *Macrotermes* (Termitidae, Macrotermitinae). Proceedings of the Indian National Science Academy, Part B, Biological Sciences 51 (4): 405–412.

Roonwal, M.L., and S.C. Verma. 1988. Scanning electron microscopic study of cuticular papillae on tibial spines and spurs of some termites (*Mastotermes* and *Archotermopsis).* Indian Journal of Entomology 47 (4) [1985]: 452–454.

Roonwal, M.L., and S.C. Verma. 1991. The South Asian wood destroying termite, *Odontotermes feae* (synonym *O. indicus*). Identity, biology and economic importance (Termitidae, Macrotermitinae). Records of the Zoological Survey of India, Occasional Paper 129: [6] + 1–33 + 2 pls.

Roonwal, M.L., O.B. Chhotani, and G. Bose. 1962. Some recent zoogeographical findings in Indian termites. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 51–54. Paris: UNESCO, 259 pp.

Roonwal, M.L., S.C. Verma, and N.S. Rathore. 1973. Imago of the termite *Microcerotermes raja* (Termitidae: Amitermitinae) from the Indian desert, with observations on gallery-system, swarming and tandem behaviour. Journal of the Indian Academy of Wood Science 4 (1): 22–30.

Roonwal, M.L., S.C. Verma, and N.S. Rathore. 1974. On a new systematic character in termites, the micrasters. Zeitschrift für Zoologische Systematik und Evolutionsforschung 12 (1): 55–76.

Roonwal, M.L., S.C. Verma, and M.L. Thakur. 1979a. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) V. Families Mastotermitidae, Termopsidae, Hodotermitidae and Stylotermitidae. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 45 (2): 115–128.

Roonwal, M.L., S.C. Verma, and M.L. Thakur. 1979b. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera). VI. Family Rhinotermitidae. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 45 (4): 332–353.

Roonwal, M.L., S.C. Verma, and N.S. Rathore. 1980. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) VII. Subfamily Macrotermitinae of family Termitidae. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 46 (2): 149–163.

Roonwal, M.L., O.B. Chhotani, and S.C. Verma. 1981. Evolution and systematic significance of wing micro-sculpturing in termites (Isoptera) X. Subfamily Nasutitermitinae of family Termitidae. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 47 (3): 341–369.

Roonwal, M.L., G. Bose, and S.C. Verma. 1984. The Himalayan termite, *Archotermopsis wroughtoni* (synonyms *radcliffei* and *deodarae*). Identity, distribution and biology. Records of the Zoological Survey of India 81 (3–4): 315–338 + 2 pls.

Roonwal, M.L., S.C. Verma, and S.S. Bisen. 1986. Scanning electron microscopic studies of wing microsculpturing in termites (Isoptera) IV. Families Kalotermitidae, Stylotermitidae, Rhinotermitidae and Termitidae, and general considerations. Proceedings of the Indian National Science Academy, Part B, Biological Sciences 52 (2): 241–266.

Rosen, K., von. 1912. Neue Termiten aus der zoologischen Staatssamlung in München sowie einigen anderen Sammlungen. Zoologischer Anzeiger 39 (5–6): 221–232.

Rosen, K., von. 1913a. Die fossilen Termiten: eine kurtze Zusammenfassung der bis jetzt bekennten Funde. Transactions of the Second International Congress of Entomology, Oxford 1912 2: 318–335 + 6 pls.

Rosen, K., von. 1913b. Studien am Sehorgan der Termiten, nebst Beiträgen zur Kenntnis des Gehirns derselben. Zoologische Jahrbücher: Abteilung für Anatomie und Ontogenie der Tiere 35 (4): 625–664.

Rosengaus, R.[B.]. 1990. Studies on the evolution of monogamy and eusociality in termites. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 31–32. Leiden: E.J. Brill, xxxi + 765 pp.

Rosengaus, R.B., and J.F.A. Traniello. 1991. Biparental care in incipient colonies of the dampwood termite *Zootermopsis angusticollis* Hagen (Isoptera: Termitidae). Journal of Insect Behavior 4 (5): 633–647.

Rosengaus, R.B., and J.F.A. Traniello. 1993. Temporal polyethism in incipient colonies of the primitive termite *Zootermopsis angusticollis*: a single multiage caste. Journal of Insect Behavior 6 (2): 237–252.

Rosengaus, R.B., and J.F.A. Traniello. 2001. Disease susceptibility and the adaptive nature of colony demography in the dampwood termite *Zootermopsis angusticollis.* Behavioral Ecology and Sociobiology 50: 546–556.

Rosengaus, R.B., A.B. Maxmen, L.E. Coates, and J.F.A. Traniello. 1998. Disease resistance: a benefit of sociality in the dampwood termite *Zootermopsis angusticollis* (Isoptera: Termopsidae). Behavioral Ecology and Sociobiology 44: 125–134.

Rosengaus, R.B., C. Jordan, M.L. Lefebvre, and J.F.A. Traniello. 1999. Pathogen alarm behavior in a termite: a new form of communication in social insects. Naturwissenschaften 86: 544–548.

Rosengaus, R.B., M.L. Lefebvre, and J.F.A. Traniello. 2000. Inhibition of fungal spore germination by *Nasutitermes*: evidence for a possible antiseptic role of soldier defensive secretions. Journal of Chemical Ecology 26 (1): 21–39.

Rosengaus, R.B., J.F.A. Traniello, M.L. Lefebvre, and A.B. Maxmen. 2004. Fungistatic activity of the sternal gland secretion of the dampwood termite *Zootermopsis angusticollis*. Insectes Sociaux 51: 259–264.

Rosengaus, R.B., J.F.A. Traniello, and M.S. Bulmer. 2010. Ecology, behavior and evolution of disease resistance in termites. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 165–191. Dordrecht: Springer, xiv + 576 pp.

Rossi, P. 1790. Fauna etrusca: sistens insecta quae in provinciis florentina et pisana praesertim collegit. Vol. 2. Liburni [Livorno]: Thomae Masi and Sociorum, 348 pp. + 10 pls.

Rossi, P. 1792. Mantissa insectorum, exhibens species nuper in Etruria collectas: adjectis faunae etruscae illustrationibus, ac emendationibus. Vol. 1. Pisis [Pisa]: Polloni, 148 pp.

Rossi, P. 1794. Mantissa insectorum exhibens species nuper in Etruria collectas: adjectis faunae etruscae illustrationibus, ac emendationibus. Vol. 2. Pisis [Pisa]: Prosperi, 154 pp. + 8 pls.

Rossi, R., and A. Springhetti. 1983a. Isolamento geografico e variazioni morfometriche nei soldati di *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae). Lavori della Societa Italiana de Biogeografia 8 [1980]: 577–587.

Rossi, R., and A. Springhetti. 1983b. Morphometric research on soldiers of *Kalotermes flavicollis* Fabr. from Italy. Annali dell'Università di Ferrara (Nuova Serie), Sezione Biologia 3 (5): 41–50.

Rouland, C. 1993. Description d'une nouvelle espèce de termites du genre *Macrotermes* originaire de la forêt du Mayombe (Rép. Congo) (Isoptera, Termitidae). Bulletin de la Société Entomologique de France 98 (2): 109–115.

Rouland, C., and C. Chararas. 1986. Étude comparée des osidases de trois espèces de termites africains à régime alimentaire différent. Comptes Rendus des Séances de l'Académie des Sciences (Série 3) 302 (9): 341–345.

Rouland, C., and M. Lepage. 1995. Estimation de l'abondance des nids et des populations de termites de la forêt du Mayombe (République du Congo). Journal of African Zoology 109 (4): 339–347.

Rouland C., P. Mora, M. Matoub, J. Renoux, and F. Petek. 1986. Étude comparative entre la β-glucosidase presente dans le tube digestif du termite *Macrotermes mulleri* (Termitidae, Macrotermitinae) et la β-gluosidase du champignon symbiotique *Termitomyces* sp. Actes des Colloques Insectes Sociaux 3: 109–118.

Rouland C., C. Chararas, P. Mora, and J. Renoux. 1988a. Comparaison entre les osidases du termite *Macrotermes mülleri* et celles de son champignon symbiotique *Termitomyces* sp. Comptes Rendus des Séances de l'Académie des Sciences (Série 3) 306: 115–120.

Rouland C., P. Mora, and J. Renoux. 1988b. Essai d'interpretation de la symbiose digestive chez *Macrotermes mulleri* (Termitidae, Macrotermitinae). Actes des Colloques Insectes Sociaux 4: 111–118.

Rouland, C., J.-J. Lenoir-Rousseaux, P. Mora, and J. Renoux. 1989. Origin of the exocellulase and the β-glucosidase purified from the digestive tract of the fungus-growing termite *Macrotermes muelleri*. Sociobiology 15 (2): 237–246.

Rouland, C., F. Lenoir, and M. Lepage. 1991. The role of the symbiotic fungus in the digestive metabolism of several species of fungus-growing termites. Comparative Biochemistry and Physiology, Part A 99 (4): 657–663.

Rouland, C., A. Brauman, M. Labat, and M. Lepage. 1993a. Nutritional factors affecting methane emission from termites. Chemosphere 26 (1–4): 617–622.

Rouland, C., A. Ikhouane, and N. Nayalta. 1993b. Étude biologique des populations d'*Ancistrotermes guineensis* présentes dans les plantations de la Sonasut (Sahr-Tchad). Actes des Colloques Insectes Sociaux 8: 79–87.

Rouland, C., A. Johnson, and P. Mora. 2001. Enzymatic polymorphism of two allopatric populations of *Macrotermes bellicosus* (Termitidae-Macrotermitinae). Sociobiology 38 (3B): 739–751.

Rouland, C., M. Lepage, J.L. Chotte, M. Diouf, D. Ndiaye, S. Ndiaye, C. Seugé, and A. Brauman. 2003. Experimental manipulation of termites (Isoptera, Macrotermitinae) foraging patterns in a Sahelo-Sudanese savanna: effect of litter quality. Insectes Sociaux 50: 309–316.

Rouland-Lefèvre, C. 2000. Symbiosis with fungi. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 289–306. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Rouland-Lefèvre, C. 2010. Termites as pests of agriculture. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 499–517. Dordrecht: Springer, xiv + 576 pp.

Rouland-Lefèvre, C., M.N. Diouf, A. Brauman, and M. Neyra. 2002. Phylogenetic relationships in *Termitomyces* (family Agaricaceae) based on the nucleotide sequence of ITS: a first approach to elucidate the evolutionary history of the symbiosis between fungus-growing termites and their fungi. Molecular Phylogenetics and Evolution 22 (3): 423–429.

Rouland-Lefèvre, C., I. Tetsushi, and T. Johjima. 2006. Termitomyces/termite interactions. *In* H. König and A. Varma (editors), Intestinal microorganisms of termites and other invertebrates: 335–350. Berlin: Springer Verlag, xxiii + 483 pp.

Roux, E.A., and J. Korb. 2002. Comportement defensive chez le termite de bois sec *Cryptotermes secundus*: rôle des soldats. Actes des Colloques Insectes Sociaux 15: 152–156.

Roux, E.A., and J. Korb. 2004. Evolution of eusociality and the soldier caste in termites: a validation of the intrinsic benefit hypothesis. Journal of Evolutionary Biology 17: 869–875.

Roy, P.H. 2005. Distributional pattern of termites (Isoptera: Insecta) in Maharashtra, India. Records of the Zoological Survey of India 104 (3–4): 137–141.

Roy, V., C. Demanche, A. Livet, and M. Harry. 2006. Genetic differentiation in the soil-feeding termite *Cubitermes* sp. *affinis subarquatus*: occurrence of cryptic species revealed by nuclear and mitochondrial markers. BMC Evolutionary Biology 6: 1–12.

Roy-Noël, J. 1966a. Mise au point systématique sur les *Coptotermes* [isoptères] du Sénégal. Bulletin de l'Institut Fondamental d'Afrique Noire, Série A, Sciences Naturelles 28 (1): 146–155.

Roy-Noël, J. 1966b. Description de l'imago et de quelques formes jeunes de néoténiques chez *Coptotermes intermedius* Silvestri (Isoptère). Insectes Sociaux 13 (3): 217–224.

Roy-Noël, J. 1968. Un nid de *Coptotermes intermedius* Silvestri (Isoptère, Rhinotermitidae). Insectes Sociaux 14 (3) [1967]: 281–294.

Roy-Noël, J. 1969a. Étude biometrique et morphologique du couvain de *Coptotermes intermedius* Silvestri (Isoptère, Rhinotermitidae). Insectes Sociaux 15 (4) [1968]: 389–394.

Roy-Noël, J. 1969b. Le Parc National de Niokolo-Koba (Sénégal). Fascicule III. VIII. Isoptera. Mémoires de l'Institut Fondamental d'Afrique Noire 84: 113–167 + 10 pls.

Roy-Noël, J. 1971. Recherches sur l'écologie et l'éthologie des isoptères de la presqu'île du Cap-Vert. D.Sc. dissertation, Université de Paris, France, 280 pp.

Roy-Noël, J. 1972. Recherches sur l'éthologie des isoptères de la presqu'île du Cap-Vert (Sénégal). Bulletin Biologique de la France et de la Belgique 106 (3): 193–283.

Roy-Noël, J. 1974a. Recherches sur l'écologie des isoptères de la presqu'île du Cap-Vert (Sénégal). Introduction et première partie: le milieu. Bulletin de l'Institut Fondamental d'Afrique Noire, Série A, Sciences Naturelles 36: 291–378.

Roy-Noël, J. 1974b. Recherches sur l'écologie des isoptères de la presqu'île du Cap-Vert (Sénégal). Deuxième partie: les espèces et leur écologie. Conclusions générales. Bibliographie. Bulletin de l'Institut Fondamental d'Afrique Noire, Série A, Sciences Naturelles 36 (3): 525–613.

Roy-Noël, J. 1982. L'attaque des arbres par les termites dans la presqu'île du Cap-Vert (Senegal). II. Cas du reboisement sur dunes fixées de Mbao. Bulletin de l'Institut Fondamental d'Afrique Noire, Série A, Sciences Naturelles 44 (1–2): 115–145.

Roy-Noël, J., and C. Wane. 1977. L'attaque des arbres par les termites dans la presqu'île Cap-Vert (Sénégal). I. Cas du reboisement sur dunes vives de Malika. Bulletin de l'Institut Fondamental d'Afrique Noire, Série A, Sciences Naturelles 39: 124–141.

Rozefelds, A.C., and M. De Baar. 1991. Silicified Kalotermitidae (Isoptera) frass in conifer wood from a mid-Tertiary rainforest in central Queensland, Australia. Lethaia 24: 439–442.

Ruelle, J.E. 1964a. Preliminaires à une révision des *Macrotermes* de la faune Congolaise. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 55–68. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Ruelle, J.E. 1964b. L'essaimage de *Macrotermes natalensis* dans la région de Léopoldville. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 231–249. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Ruelle, J.E. 1964c. L'architecture du nid de *Macrotermes natalensis* et son sens fonctionnel. *In* A. Bouillon (editor), Études sur les termites africains: un colloque international, Université Lovanium, Léopoldville, 11–16 Mai 1964 sous les auspices de l'UNESCO: 327–362. Léopoldville [Kinshasa], Democratic Republic of the Congo: Éd. de l'Université, 419 pp.

Ruelle, J.E. 1970. A revision of the termites of the genus *Macrotermes* from the Ethiopian region (Isoptera: Termitidae). Bulletin of the British Museum (Natural History), Entomology 24 (9): 363–444.

Ruelle, J.E. 1971. New *Protermes* from central Africa (Isoptera: Termitidae). Journal of the Entomological Society of Southern Africa 34 (2): 369–379.

Ruelle, J.E. 1972. On soldier polymorphism in Ethiopian Macrotermitinae, with special reference to *Odontotermes okahandjae* Fuller (Isoptera: Termitidae). Journal of the Entomological Society of Southern Africa 35 (1): 91–96.

Ruelle, J.E. 1973. Four new species of *Unguitermes* Sjöstedt from the Ethiopian region (Isoptera, Termitidae). Cimbebasia (Series A) 2 (8): 103–112.

Ruelle, J.E. 1975a. The genus *Protermes* (Isoptera: Termitidae): description of imago caste and new records from central Africa. Journal of the Entomological Society of Southern Africa 38 (2): 155–163.

Ruelle, J.E. 1975b. Type specimens of Isoptera in the National Collection of Insects, Pretoria. Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 45: 1–22.

Ruelle, J.E. 1977. *Macrotermes michaelseni* (Sjöstedt) a new name for *Macrotermes mossambicus* (Hagen) (Isoptera: Termitidae). Journal of the Entomological Society of Southern Africa 40 (1): 119.

Ruelle, J.E. 1978a. Biogeography and ecology of southern Africa. Isoptera. Monographiae Biologicae 31 (2): 747–762.

Ruelle, J.E. 1978b. *Megaprotermes,* a new genus of the subfamily Macrotermitinae (Isoptera). Journal of the Entomological Society of Southern Africa 41 (1): 17–23.

Ruelle, J.E. 1979. National survey of the Isoptera of southern Africa. 16. A revision of the genus *Allodontermes* Silvestri from the Ethiopian region (Termitidae: Macrotermitinae). Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 49: i–iii + 1–25.

Ruelle, J.E. 1985. Order Isoptera (Termites). *In* C.D. Scholtz and E. Holm (editors), Insects of southern Africa: 53–61. Durban, South Africa: Butterworths Publishing, 502 pp. + 12 pls.

Ruelle, J.E. 1992. The genus *Cubitermes* Wasmann (Isoptera: Termitidae: Termitinae): a review of its taxonomy, nomenclature and distribution in Africa. Journal of African Zoology 106: 499–502.

Ruelle, J.E. 1994. Isoptères de l'expédition pédofaunistique hongroise au Congo-Brazzaville (1963–1964): nouvelles localités et dates d'essaimage. Journal of African Zoology 108 (2): 209–214.

Ruelle, J.E., and J. Deligne. 2004. Termites. *In* M. Louette, D. Meirte, and R. Jocqué (editors), La faune terrestre de l'archipel des Comores: studies in Afrotropical zoology: 249–251. Tervuren, Belgium: Musée Royal de l'Afrique Centrale, 456 pp.

Ruelle, J.E., W.G.H. Coaton, and J.L. Sheasby. 1975. National survey of the Isoptera of southern Africa. 8. The genus *Macrotermes* Holmgren (Termitidae: Macrotermitinae). Cimbebasia (Series A) 3 (8): 73–94.

Ruelle, J.E., M. Bunta, and K. Soki. 1987. *Apilitermes longiceps* (Sjöstedt) (Isoptera, Termitidae): description de la caste ailée et nouvelles observations au Zaïre. Revue de Zoologie Africaine (Tervuren) 101 (4): 519–523.

Runcie, C.D. 1987. Behavioral evidence for multicomponent trail pheromone in the termite, *Reticulitermes flavipes* (Kollar) (Isoptera: Rhinotermitidae). Journal of Chemical Ecology 13 (9): 1967–1978.

Rupf, T., and Y. Roisin. 2008. Coming out of the woods: do termites need a specialized worker caste to search for new food sources? Naturwissenschaften 95: 811–819.

Ruppel, D.H. 1973. Termites in British Columbia. Forest Pest Leaflet No. 57: 1–6.

Ruppli, E. 1969. Die elimination überzähliger ersatzgeschlechtstiere bei der termite *Kalotermes flavicollis* (Fabr.). Insectes Sociaux 16 (3): 235–248.

Russo, G. 1965. La collezione delle termiti raccolte dal Prof. Filippo Silvestri durante i suoi viaggi. Bollettino del Laboratorio di Entomologia Agraria di Portici 23: 265–303.

Rust, J., H. Singh, R.S. Rana, T. McCann, L. Singh, K. Anderson, N. Sarkar, P.C. Nascimbene, F. Stebner, J.C. Thomas, M.S. Kraemer, C.J. Williams, M.S. Engel, A. Sahni, and D. Grimaldi. 2010. Biogeographic and evolutionary implications of a diverse paleobiota in amber from the early Eocene of India. Proceedings of the National Academy of Sciences of the United States of America 107 (43): 18360–18365.

Rust, M.K. 1979. A new species of dry-wood termite from southwestern North America (Isoptera, Kalotermitidae). Pan-Pacific Entomologist 55 (4): 273–278.

Rust, M.K., D.A. Reierson, and R.H. Scheffrahn. 1979. Comparative habits, host utilization and xeric adaptations of the southwestern drywood termites, *Incisitermes fruticavus* Rust and *Incisitermes minor* (Hagen) (Isoptera: Kalotermitidae). Sociobiology 4 (2): 239–255.

Ruvolo-Takasusuki, M.C.C., and T. Collet. 2000. Characterization of *Nasutitermes globiceps* (Isoptera: Termitidae) esterases. Biochemical Genetics 38 (11–12): 367–375.

Rye, E.C. 1876. Insecta: the general subject. *In* E.C. Rye (editor), Zoological record for 1874. Vol. 11: 239–247. London: J. van Voorst, 530 pp.

Sacchi, L., C.A. Nalepa, E. Bigliardi, M. Lenz, C. Bandi, S. Corona, A. Grigolo, S. Lambiase, and U. Laudani. 1998. Some aspects of intracellular symbiosis during embryo development of *Mastotermes darwiniensis* (Isoptera: Mastotermitidae). Parassitologia 40: 309–316.

Sacchi, L., C.A. Nalepa, M. Lenz, C. Bandi, S. Corona, A. Grigolo, and E. Bigliardi. 2000. Transovarial transmission of symbiotic bacteria in *Mastotermes darwiniensis* (Isoptera: Mastotermitidae): ultrastructural aspects and phylogenetic implications. Annals of the Entomological Society of America 93 (6): 1308–1313.

Sajap, A. 1999. Detection of foraging activity of *Coptotermes curvignathus* (Isoptera: Rhinotermitidae) in an *Hevea brasiliensis* plantation in Malaysia. Sociobiology 33 (2): 137–143.

Salam, A.L.A. 1980. Termites in south Arabia. Sociobiology 5 (2): 132.

Saleem, M. 1955. Two new genera of Hypermastigote flagellates from the termite *Archotermopsis wroughtoni* (Desneux). Biologia (Lahore) 1 (1): 34–39.

Salick, J., and Y.-P. Tho. 1984. An analysis of termite faunae in Malayan rainforests. Journal of Applied Ecology 21 (2): 547–561.

Salick, J., R. Herrera, and C.F. Jordan. 1983. Termitaria: nutrient patchiness in nutrient-deficient rain forests. Biotropica 15 (1): 1–7.

Salihah, Z. 1982. The cuticular structures lining the alimentary canal of termites and their phylogenetic significance. Ph.D. dissertation, University of Punjab, Lahore, Pakistan, 356 pp.

Salihah, Z. 1987. The cuticular structures lining the termite gut and their bearing on phylogeny. 1. Family Mastotermitidae (Isoptera). Pakistan Journal of Zoology 19 (1): 1–8.

Salman, A.G.A., M.A. Morsy, and A.A. Sayed. 1988. Resistance of some Egyptian timbers to the attack of the sand termite *Psammotermes hybostoma* Des. Material und Organismen 23 (1): 31–36.

Salpistidis, A., and S.M. Aquilani. 2005. Termitaria characteristics of *Nasutitermes costalis* in a Belizean rainforest: implications for land managers in southern Florida. Florida Scientist 68 (3): 140–143.

Sanderson, M.G. 1996. Biomass of termites and their emissions of methane and carbon dioxide: a global database. Global Biogeochemical Cycles 10: 543–557.

Sanderson, M.W., and T.H. Farr. 1960. Amber with insect and plant inclusions from the Dominican Republic. Science 131 (3409): 1313.

Sandias, A. 1908. Alcune ricerche sui Termitidi. Rivista Italiana di Scienze Naturali (Siena) 26 (11–12) [1906]: 1–20.

Sandlant, G.R. 1985. *Coptotermes acinaciformis* (Froggatt), *Coptotermes frenchi* Hill (Isoptera: Rhinotermitidae), Australian subterranean termites in New Zealand. Forest and Timber Insects in New Zealand 62: [1–8].

Sands, W.A. 1956a. Some factors affecting the survival of *Odontotermes badius.* Insectes Sociaux 3 (4): 531–536.

Sands, W.A. 1956b. A new species of *Mimeutermes* from the Gold Coast (Isoptera: Nasutitermitinae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 25 (5–6): 83–84.

Sands, W.A. 1957a. The soldier mandibles of the Nasutitermitinae (Isoptera, Termitidae). Insectes Sociaux 4 (1): 13–24.

Sands, W.A. 1957b. A revision of the East African Nasutitermitinae (Isoptera). Bulletin of the British Museum (Natural History), Entomology 5 (1): 1–28.

Sands, W.A. 1959. A revision of the termites of the genus *Amitermes* from the Ethiopian region (Isoptera, Termitidae, Amitermitinae). Bulletin of the British Museum (Natural History), Entomology 8 (4): 129–156.

Sands, W.A. 1960. The initiation of fungus comb construction in laboratory colonies of *Ancistrotermes guineensis* (Silvestri). Insectes Sociaux 7 (3): 251–259.

Sands, W.A. 1961a. Nest structure and size distribution in the genus *Trinervitermes* (Isoptera, Termitidae, Nasutitermitinae) in West Africa. Insectes Sociaux 8 (2): 177–188.

Sands, W.A. 1961b. Foraging behaviour and feeding habits in five species of *Trinervitermes* in West Africa. Entomologia Experimentalis et Applicata 4 (4): 277–288.

Sands, W.A. 1965a. Mound population movements and fluctuations in *Trinervitermes ebenerianus* Sjöstedt (Isoptera, Termitidae, Nasutitermitinae). Insectes Sociaux 12 (1): 49–58.

Sands, W.A. 1965b. Termite distribution in man-modified habitats in West Africa, with special reference to species segregation in the genus *Trinervitermes* (Isoptera, Termitidae, Nasutitermitinae). Journal of Animal Ecology 34: 557–571.

Sands, W.A. 1965c. A revision of the termite subfamily Nasutitermitinae (Isoptera, Termitidae) from the Ethiopian Region. Bulletin of the British Museum (Natural History), Entomology (suppl.) 4: 1–172.

Sands, W.A. 1965d. A new species of *Mimeutermes* Silvestri and the imago of *Nasutitermes diabolus* (Sjöstedt) from Africa (Isoptera: Nasutitermitinae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 34 (9–10): 132–136.

Sands, W.A. 1965e. Alate development and colony foundation in five species of *Trinervitermes* (Isoptera, Nasutitermitinae) in Nigeria, West Africa. Insectes Sociaux 12 (2): 117–130.

Sands, W.A. 1967. The distribution of nasute termites (Isoptera, Termitidae, Nasutitermitinae) in the Ethiopian zoogeographical region. Comptes Rendus du Ve Congrès de l'Union Internationale pour l'Étude des Insectes Sociaux (Toulouse, 5–10 Juillet 1965) 1967: 159–172.

Sands, W.A. 1968. New species and records of Nasutitermitinae (Isoptera: Termitidae) from Africa. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 37 (11–12): 163–169.

Sands, W.A. 1969. The association of termites and fungi. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 495–524. New York: Academic Press, xiii + 598 pp.

Sands, W.A. 1972. The soldierless termites of Africa (Isoptera: Termitidae). Bulletin of the British Museum (Natural History), Entomology (suppl.) 18: 1–244.

Sands, W.A. 1977. The role of termites in tropical agriculture. Outlook on Agriculture 9 (3): 136–143.

Sands, W.A. 1982. Agonistic behavior of African soldierless Apicotermitinae (Isoptera: Termitidae). Sociobiology 7 (1): 61–72.

Sands, W.A. 1987. Fossil invertebrates: 11.1 Ichnocoenoses of probable termite origin from Laetoli. *In* M.D. Leakey and J.M. Harris (editors), Laetoli: a Pliocene site in northern Tanzania: 409–433. Oxford: Clarendon Press, xxi + 561 pp.

Sands, W.A. 1992. The termite genus *Amitermes* in Africa and the Middle East. Natural Resources Institute Bulletin 51: 1–140.

Sands, W.A. 1995. New genera and species of soil feeding termites (Isoptera: Termitidae) from African savannas. Journal of Natural History 29 (6): 1483–1515.

Sands, W.A. 1998. The identification of worker castes of termite genera from soils of Africa and the Middle East. Wallingford, U.K.: CAB International, vii + 500 pp.

Sands, W.A. 1999. A review of the soldierless African termite genus *Amicotermes* Sands 1972 (Isoptera, Termitidae, Apicotermitinae). Bulletin of the Natural History Museum, Entomology 68 (2): 145–193.

Sands, W.A., and R.W. Lamb. 1975. The systematic position of *Kaudernitermes* gen. n. (Isoptera: Termitidae, Nasutitermitinae) and its relevance to host relationships of termitophilous staphylinid beetles. Journal of Entomology, Series B, Taxonomy and systematics 44 (2): 189–200.

Sangare, Y., and P. Bodot. 1980. Données preliminaires sur la faune des termites en forêt tropicale humide (région de Taï, sud-ouest de la Côte d'Ivoire). Inventaire, classification éthologique et biologique des genres et espèces répertoriés. Annales de l'Université d'Abidjan, Série E (Écologie) 13: 131–141.

San Jose, J.J., R. Montes, P.A. Stansly, and B.L. Bentley. 1989. Environmental factors related to the occurrence of mound-building nasute termites in Trachypogon savannas of the Orinoco Llanos. Biotropica 21 (4): 353–358.

Sannasi, A. 1969. Morphology, histology and histochemistry of the frontal gland of soldier termite *Rhinotermes magnificus* Silvestri (Isoptera, Rhinotermitidae). La Cellule 67 (3): 369–375.

Sannasi, A. 1970. Neotenics (supplementary reproductives) from a colony of *Microcerotermes cameroni* (Isoptera, Termitidae). Journal of the Georgia Entomological Society 5: 153–154.

Sannasi, A., and C.J. George. 1972. Termite queen substance: 9-oxodec-*trans*-2-enoic acid. Nature 237: 457.

Sannasi, A., P.K. Sen-Sarma, C.J. George, and S. Basalingappa. 1972. Juvenile hormone activity from various sources of termite castes and their fungus gardens. Insectes Sociaux 19: 81–85.

Santos, C.A., A.M. Costa-Leonardo, and J.E. Serrão. 2005. Morphology of the head and frontal gland in Neotropical Nasutitermitinae (Isoptera, Termitidae). Sociobiology 40 (3): 579–593.

Santos, O., and P. Luykx. 1985. Holozygosity for sex-linked genes in males of the termite *Incisitermes schwarzi*. Biochemical Genetics 23: 729–740.

Sapigni, T., and A. Springhetti. 1991. Transfer of labelled amino acids between species of different families of Isoptera (Rhinotermitidae and Kalotermitidae). Ethology Ecology and Evolution, Special Issue 1: 21–23.

Sarwar, M.S. 1940a. Taxonomic value of the structure of mandibles of workers in termites. Proceedings of the Indian Science Congress 1939 (3): 144. [abstract]

Sarwar, M.S. 1940b. New species of termites recorded in the Punjab. Proceedings of the Indian Science Congress 1939 (3): 144. [abstract]

Sarwar, M.S. 1940c. New sub-genus of the genus *Microtermes.* Proceedings of the Indian Science Congress 1939 (3): 144. [abstract]

Sarwar, M.S. 1940d. New wood-destroying species of termites in the Punjab. Proceedings of the Indian Science Congress 1939 (3): 144. [abstract]

Savage, T.S. 1849. Observations on the species of Termitidae of West Africa described by Smeathman as *Termes bellicosus* and by Linnaeus as *T. fatalis.* Proceedings of the Academy of Natural Sciences of Philadelphia 4 (11): 211–221.

Savage, T.S. 1850. Observations on the species of Termitidae of West Africa, described by Smeathman as *Termes bellicosus* and by Linnaeus as *T. fatalis.* Annals and Magazine of Natural History (2) 5: 92–104.

Savigny, M.J.C.L., de. 1809. Description de l'Égypte, ou recueil des observations et des recherches qui ont été faites en Égypte pendant l'expedition de l'armée française, publiée par les ordres de sa majesté l'empereur Napoléon le Grand [1st ed., Vol. 1: includes text for plates in Vol. 2]. Paris: l'Imprimerie Impériale, 468 pp. [Planche 2. Libellules, Ephemères, Nemoptères, p. 194]

Savigny, M.J.C.L., de. 1817. Description de l'Égypte, ou recueil des observations et des recherches qui ont été faites en Égypte pendant l'expedition de l'armée française, publiée par ordre du gouvernement. Histoire naturelle, planches [1st ed., Vol. 2: plates without text]. Paris: l'Imprimerie Royale, [105] pp. [Planche 2. Libellules. Éphémères. Némoptères. Figures 11 and 12]

Sbrenna, G., and M. Leis. 1983. Fine structure of the integumental glands of a termite soldier. Tissue and Cell 15 (1): 107–119.

Sbrenna, G., A. Sbrenna[-]Micciarelli, M. Leis, and G. Pavan. 1992. Vibratory movements and sound production in *Kalotermes flavicollis* (Isoptera: Kalotermitidae). *In* J. Billen (editor), Biology and evolution of social insects: 233–238. Leuven, Belgium: Leuven University Press, viii + [2] + 390 pp.

Schaedla, W.H. 1996. Some observations on the mating flights of Thai termites. Natural History Bulletin of the Siam Society 44 (1): 53–60.

Schalkwyk, J., van, and S. Moifatswane. 2000. Archaeological evidence for dating of termitaria. South African Journal of Science 96: 67–68.

Scharf, M.E., D. Wu-Scharf, B.R. Pittendrigh, and G.V. Bennett. 2003a. Caste- and development-associated gene expression in a lower termite. Genome Biology 4 (10): R62-1–11.

Scharf, M.E., C.R. Ratliff, J.T. Hoteling, B.R. Pittendrigh, and G.W. Bennett. 2003b. Caste differentiation responses of two sympatric *Reticulitermes* termite species to juvenile hormone homologs and synthetic juvenoids in two laboratory assays. Insectes Sociaux 50: 346–354.

Scharf, M.E., C.R. Ratliff, D. Wu-Scharf, X. Zhou, B.R. Pittendrigh, and G.W. Bennett. 2005a. Effects of juvenile hormone III on *Reticulitermes flavipes*: changes in hemolymph protein composition and gene expression. Insect Biochemistry and Molecular Biology 35 (3): 207–215.

Scharf, M.E., D. Wu-Scharf, X. Zhou, B.R. Pittendrigh, and G.W. Bennett. 2005b. Gene expression profiles among immature and adult reproductive castes of the termite *Reticulitermes flavipes.* Insect Molecular Biology 14 (1): 31–44.

Schedel, A., and M. Kaib. 1987. Polyethism during foraging in *Schedorhinotermes lamanianus* in unprotected areas: the role of exocrine glands. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 416. Munich: J. Peperny, xxxvi + 16 + 757 pp.

Scheffrahn, R.H. 1993. *Cryptotermes chasei,* a new drywood termite (Isoptera: Kalotermitidae) from the Dominican Republic. Florida Entomologist 76 (3): 500–507.

Scheffrahn, R.H. 1994. *Incisitermes furvus,* a new drywood termite (Isoptera: Kalotermitidae) from Puerto Rico. Florida Entomologist 77 (3): 365–372.

Scheffrahn, R.H. 2010. An extraordinary new termite (Isoptera: Termitidae: Syntermitinae: *Rhynchotermes*) from the pasturelands of northern Colombia. Zootaxa 2387: 63–68.

Scheffrahn, R.A. 2011. Distribution, diversity, mesonotal morphology, gallery architecture, and queen phyogastry of the termite genus *Calcaritermes* (Isoptera, Kalotermitidae). ZooKeys 148: 41–53.

Scheffrahn, R.H., and J.-B. Huchet. 2010. A new termite species (Isoptera: Termitidae: Termitinae: *Amitermes*) and first record of a subterranean termite from the coastal desert of South America. Zootaxa 2328: 65–68.

Scheffrahn, R.H., and J. Křeček. 1993. *Parvitermes subtilis,* a new subterranean termite (Isoptera: Termitidae) from Cuba and the Dominican Republic. Florida Entomologist 76 (4): 603–607.

Scheffrahn, R. H. and J. Křeček. (1998). *Cryptotermes abruptus. In* R.H. Scheffrahn, J. Křeček, J.A. Chase, and N.-Y. Su, *Cryptotermes abruptus,* a new drywood termite (Isoptera: Kalotermitidae) from southeastern Mexico: 189–193. Florida Entomologist 81 (2): 188–193.

Scheffrahn, R.H., and J. Křeček. 1999. Termites of the genus *Cryptotermes* Banks (Isoptera: Kalotermitidae) from the West Indies. Insecta Mundi 13 (3–4): 111–171.

Scheffrahn, R.H., and J. Křeček. 2001. New world revision of the termite genus *Procryptotermes* (Isoptera: Kalotermitidae). Annals of the Entomological Society of America 94 (4): 530–539.

Scheffrahn, R.H., and R.C. O'Malley. 2010. A new termite (Isoptera: Termitidae: Termitinae: *Proboscitermes*) from Tanzania. Zootaxa 2670: 52–58.

Scheffrahn, R.H., and Y. Roisin. 1995. Antillean Nasutitermitinae (Isoptera: Termitidae): *Parvitermes collinsae,* a new subterranean termite from Hispaniola and redescription of *P. pallidiceps* and *P. wolcotti.* Florida Entomologist 78 (4): 585–600.

Scheffrahn, R.H., and M.K. Rust. 1983. *Tenuirostritermes cinereus* (Buckley), a nasutitermitine termite from south central Texas (Isoptera: Termitidae). Sociobiology 8 (1): 77–87.

Scheffrahn, R.H., and N.-Y. Su. 1987. A world list of species in the genus *Amitermes* (Isoptera: Termitidae). Sociobiology 13 (3): 183–190.

Scheffrahn, R.H., and N.-Y. Su. 1994. Keys to soldier and winged adult termites (Isoptera) of Florida. Florida Entomologist 77 (4): 460–474.

Scheffrahn, R.H., and N.-Y. Su. 1995. A new subterranean termite introduced to Florida: *Heterotermes* Froggatt (Rhinotermitidae: Heterotermitinae) established in Miami. Florida Entomologist 78 (4): 623–627.

Scheffrahn, R.H., and N.-Y. Su. 2005. Distribution of the termite genus *Coptotermes* (Isoptera: Rhinotermitidae) in Florida. Florida Entomologist 88 (2): 201–203.

Scheffrahn, R.H., L.K. Gaston, J.J. Sims, and M.K. Rust. 1983. Identification of the defensive secretion from soldiers of the North American termite, *Amitermes wheeleri* (Desneux) (Isoptera, Termitidae). Journal of Chemical Ecology 9: 1293–1305.

Scheffrahn, R.H., J.J. Sims, L.K. Gaston, and M.K. Rust. 1984. 4,11-Epoxy-*cis*-eudesmane, soldier cephalic secretion of the Nearctic desert termite, *Amitermes minimus* Light (Termitidae: Termitinae). Experientia (Basel) 40: 1136–1137.

Scheffrahn, R.H., J.J. Sims, R.K. Lee, and M.K. Rust. 1986a. Helminthogermacrene, a major compoment in the defensive secretion of the Nearctic termite, *Amitermes wheeleri.* Journal of Natural Products (Lloydia) 49 (4): 699–701.

Scheffrahn, R.H., L.K. Gaston, W.L. Nutting, and M.K. Rust. 1986b. Chemical heterogeneity of soldier defensive secretions in the desert subterranean termite, *Amitermes wheeleri.* Biochemical Systematics and Ecology 14 (6): 661–664.

Scheffrahn, R.[H.], N.-Y. Su, J.J. Sims, and A.M.K. El-Sayed. 1987. Composition and ant-repellent activity of the soldier defensive secretions of the Palearctic desert termite, *Amitermes desertorum* (Isoptera: Termitidae). Sociobiology 13 (2): 75–82.

Scheffrahn, R.H., J.R. Mangold, and N.-Y. Su. 1988a. A survey of structure-infesting termites of peninsular Florida. Florida Entomologist 71 (4): 615–630.

Scheffrahn, R.H., M.K. Rust, J.P. Toth, and N.-Y. Su. 1988b. Soldier defensive secretions of two rare Nearctic desert termite species. Biochemical Systematics and Ecology 16 (2): 213–216.

Scheffrahn, R.H., N.-Y. Su, and J.R. Mangold. 1989. *Amitermes floridensis,* a new species and first record of a higher termite in the eastern United States (Isoptera: Termitidae: Termitinae). Florida Entomologist 72 (4): 618–625.

Scheffrahn, R.H., N.-Y. Su, and B. Diehl. 1990. Native, introduced, and structure-infesting termites of the Turks and Caicos Islands, B.W.I. (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae). Florida Entomologist 73 (4): 622–627.

Scheffrahn, R.H., J.P.E.C. Darlington, M.S. Collins, J. Křeček, and N.-Y. Su. 1994. Termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of the West Indies. Sociobiology 24 (2): 213–238.

Scheffrahn, R.H., Y. Roisin, and N.-Y. Su. 1998a. Greater Antillean Nasutitermitinae (Isoptera: Termitidae): *Parvitermes dominicanae,* a new subterranean termite from Hispaniola. Florida Entomologist 81 (2): 179–187.

Scheffrahn, R.H., J. Křeček, N.-Y. Su, Y. Roisin, J.A. Chase, and J.R. Mangold. 1998b. Extreme mandible alteration and cephalic phragmosis in a drywood termite soldier (Isoptera: Kalotermitidae: *Cryptotermes*) from Jamaica. Florida Entomologist 81 (2): 238–240.

Scheffrahn, R.H., N.-Y. Su, and T.G. Myles. 1999a. *Amitermes amicki,* a new subterranean termite (Isoptera: Termitidae: Termitinae) from Aruba. Florida Entomologist 82 (1): 7–14.

Scheffrahn, R.H., N.-Y. Su, and J. Krecceck. 1999b. *Procryptotermes edwardsi,* a new drywood termite (Isoptera: Kalotermitidae) from Jamaica. Florida Entomologist 82 (2): 299–305.

Scheffrahn, R.H., J.A. Chase, J.R. Mangold, J. Křeček, and N.-Y. Su. 1999c. First record of *Reticulitermes* (Isoptera: Rhinotermitidae) from the West Indies: *R. flavipes* on Grand Bahama Island. Florida Entomologist 82 (3): 480–482.

Scheffrahn, R.H., J. Křeček, and N.-Y. Su. 2000a. Redescriptions of the dampwood termites *Neotermes jouteli* and *N. luykxi* (Isoptera: Kalotermitidae) from Florida, Cuba, Bahamas, and Turks and Caicos Islands. Annals of the Entomological Society of America 93 (4): 785–794.

Scheffrahn, R.H., N.-Y. Su, J.A. Chase, J.R. Mangold, J.K. Grace, and J.R. Yates. 2000b. First record of *Cryptotermes cynocephalus* Light (Isoptera: Kalotermitidae) and natural woodland infestations of *C. brevis* (Walker) on Oahu, Hawaiian Islands. Proceedings of the Hawaiian Entomological Society 34: 141–145.

Scheffrahn, R.H., N.-Y. Su, J.A. Chase, and B.T. Forschler. 2001a. New termite (Isoptera: Kalotermitidae, Rhinotermitidae) records from Georgia. Journal of Entomological Science 36 (2): 109–113.

Scheffrahn, R.H., N.-Y. Su, and J. Křeček. 2001b. *Glyptotermes amplus,* a new dampwood termite (Isoptera: Kalotermitidae) from St. Lucia. Florida Entomologist 84 (3): 426–430.

Scheffrahn, R.H., B.J. Cabrera, W.H. Kern, and N.-Y. Su. 2002. *Nasutitermes costalis* (Isoptera: Termitidae) in Florida: first record of a non-endemic establishment by a higher termite. Florida Entomologist 85 (1): 273–275.

Scheffrahn, R.H., S.C. Jones, J. Křeček, J.A. Chase, J.R. Mangold, and N.-Y. Su. 2003a. Taxonomy, distribution, and notes on the termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of Puerto Rico and the U.S. Virgin Islands. Annals of the Entomological Society of America 96 (3): 181–201.

Scheffrahn, R.H., J. Křeček, B. Maharajh, J.A. Chase, J.R. Mangold, and C.K. Starr. 2003b. Termite fauna (Isoptera) of Trinidad and Tobago, West Indies. Occasional Papers of the Department of Life Sciences, University of the West Indies 12: 33–38.

Scheffrahn, R.H., J. Křeček, B. Maharajh, N.-Y. Su, J.A. Chase, J.R. Mangold, A.L. Szalanski, J.W. Austin, and J. Nixon. 2004. Establishment of the African termite, *Coptotermes sjostedti* (Isoptera: Rhinotermitidae), on the island of Guadeloupe, French West Indies. Annals of the Entomological Society of America 97 (5): 872–876.

Scheffrahn, R.H., J. Křeček, A.L. Szalanski, J.W. Austin, and Y. Roisin. 2005a. Synonymy of two arboreal termites (Isoptera: Termitidae: Nasutitermitinae): *Nasutitermes corniger* from the Neotropics and *N. polygynus* from New Guinea. Florida Entomologist 88 (1): 28–33.

Scheffrahn, R.H., J. Křeček, A.L. Szalanski, and J.W. Austin. 2005b. Synonymy of Neotropical arboreal termites *Nasutitermes corniger* and *N. costalis* (Isoptera: Termitidae: Nasutitermitinae), with evidence from morphology, genetics, and biogeography. Annals of the Entomological Society of America 98 (3): 273–281.

Scheffrahn, R.H., J. Křeček, B. Maharajh, J.A. Chase, J.R. Mangold, J. Moreno, and B. Herrera. 2005c. Survey of the termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of Nicaragua. Florida Entomologist 88 (4): 549–552.

Scheffrahn, R.H., J. Křeček, J.A. Chase, B. Maharajh, and J.R. Mangold. 2006. Taxonomy, biogeography, and notes on termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of the Bahamas and Turks and Caicos Islands. Annals of the Entomological Society of America 99 (3): 463–486.

Scheffrahn, R.H., J. Křeček, R. Ripa, and P. Luppichini. 2009. Endemic origin and vast anthropogeneic dispersal of the West Indian drywood termite. Biological Invasions 11: 787–799.

Schlechtendal, D.[H.R.], von, 1888. Mittheilungen über die in der Sammlung aufbewahrten Originale zu Germar's: "Insekten in Bernstein eingeschlossen" mit Rücksicht auf Giebels "Fauna der Vorweit." Zeitschrift für [die Gesammten] Naturwissenschaften 61: 473–491.

Schlee, D. 1972. Bernstein aus dem Libanon. Kosmos (Stuttgart) 68: 460–463.

Schlee, D. 1984a. Notizem über einige Bernsteine und Kopale aus aller Welt. Stuttgarter Beiträge zur Naturkunde, Serie C, Allgemeinverständliche Aufsätze 18: 29–[62].

Schlee, D. 1984b. Besonderheiten des Dominikanischen Bernsteins. Stuttgarter Beiträge zur Naturkunde, Serie C, Allgemeinverständliche Aufsätze 18: 63–71.

Schlee, D. 1989. Bernsteinfossilien: ein Beitrag zur Erforschung der Stammesgeschichte der Insekten. Forschung an den Staatlichen Naturkundemuseen Baden-Württembergs (Bildung in neuer Sicht) 52: 101–104.

Schlee, D. 1990. Die Bernstein-Kabinett: Begleitheft zur Bernsteinausstellung im Museum am Löwentor, Stuttgart. Stuttgarter Beiträge zur Naturkunde, Serie C, Allgemeinverständliche Aufsätze 28: 1–100.

Schlee, D., and H.-G. Dietrich. 1970. Insektenführender Bernstein aus der Unterkreide des Libanon. Neues Jahrbuch für Geologie und Paläontologie, Monatshefte 1970: 40–50.

Schlee, D., and W. Glöckner. 1978. Bernstein: Bernsteine und Bernstein-Fossilien. Stuttgarter Beiträge zur Naturkunde, Serie C, Allgemeinverständliche Aufsätze 8: 1–72.

Schlemmermeyer, T., and E.M. Cancello. 2000. New fossil termite species: *Dolichorhinotermes dominicanus* from Dominican amber (Isoptera, Rhinotermitidae, Rhinotermitinae). Papéis Avulsos de Zoologia (São Paulo) 41 (20): 303–311.

Schlüter, T. 1975. Nachweis verschiedener Insecta-Ordines in einem mittelkretazischen Harz Nordwestfrankreichs. Entomologica Germanica 1 (2): 151–161.

Schlüter, T. 1978. Zur Systematik und Palökologie harzkonservierter Arthropoda einer Taphozönose aus dem Cenomanium von NW-Frankreich. Berliner Geowissenschaftliche Abhandlungen, Reihe A, Geologie und Palaeontologie 9: 1–150 + 13 pls.

Schlüter, T. 1981. Fossile Insekten aus dem Jura/Kreide-Grenzenbereich Sudwest-Ägyptens (Beiträge zur Paläontologie Ägyptens, Nr. 2). Berliner Geowissenschaftliche Abhandlungen, Reihe A, Geologie und Palaeontologie 32: 33–62.

Schlüter, T. 1989. Neue Daten über harzkonservierte Arthropoden aus dem Cenomanium NW-Frankreichs. Documenta Naturae (München) 56 (5): 59–70 + 6 pls.

Schlüter, T. 1990. Fossil insect localities in Gondwanaland. Entomologia Generalis 15 (1): 61–76.

Schlüter, T., and W. Stürmer. 1982. X-ray examination of fossil insects in Cretaceous amber of N.W. France. Annales de la Société Entomologique de France 18 (4): 527–529.

Schmidt, H. (editor). 1955. Die Termiten, ihre Erkennungsmerkmale und wirtschaftliche Bedeutung. Leipzig: Akad. Verlagsgesellschaft Geest and Porting K.-G., 309 pp.

Schmidt, H. 1956a. Die Termitenfrasschäden in Hamburg-Altona. Holz als Roh- und Werkstoff 14 (9): 325–328.

Schmidt, H. 1956b. Beiträge zur Kenntnis der Ernährungsorgane und Ernährungsbiologie der Termiten. Zeitschrift für Angewandte Entomologie 39 (1): 115–125.

Schmidt, H. 1968. Beobachtungen an der eingeschleppten gelbfüssigen Bodentermite (*Reticulitermes flavipes* Kollar). Insectes Sociaux 15 (3): 319–322.

Schmidt, R.S. 1955a. The evolution of nest-building behavior in *Apicotermes* (Isoptera). Evolution 9 (2): 157–181.

Schmidt, R.S. 1955b. Termite (*Apicotermes*) nests—important ethological material. Behaviour 8 (4): 344–356.

Schmidt, R.S. 1958. The nests of *Apicotermes tragardhi* [cited as *trägårdhi*] (Isoptera): new evidence on the evolution of nest-building. Behaviour 12 (1–2): 76–94.

Schmidt, R.S. 1961. Functions of *Apicotermes* nests. Insectes Sociaux 7 (4) [1960]: 357–368.

Schmidt, R.S. 1964. *Apticotermes* [sic] nests. American Zoologist 4: 221–225.

Schmitz, H. 1916. Ein neuer *Cubitermes* vom belgischen Kongo. Tijdschrift voor Entomologie (suppl.) 58 [1915]: 119–124.

Schmitz, H. 1917. Drei neue Termiten vom belgischen Kongo. Tijdschrift voor Entomologie 60: 225–231.

Schmitz, H. 1924. Drei neue Platyphorinen (Phoridae, Diptera) und eine neue Wirtstermite. Zoologischer Anzeiger 59 (11–12): 289–304.

Schöberlin, E. 1888. Der oeniger Stinkschiefer und seine Insektenreste. Societas Entomologica (Stuttgart) 3 (7): 51.

Scholtz, O.I., N. MacLeod, and P. Eggleton. 2008. Termite soldier defence strategies: a reassessment of Prestwich's classification and an examination of the evolution of defence morphology using extended eigenshape analyses of head morphology. Zoological Journal of the Linnean Society of London, Zoology 153: 631–650.

Schuler, M., and C. Sittler. 1976. Données paléoclimatiques à l'aube des temps néogènes en Haute-Provençe (France). Géologie Méditerranéenne 3 (3): 155–160.

Schultze-Dewitz, G., and H. Süss. 1988. Fossiler Termitenfrass an Holzresten aus dem Tertiär von Staré Sedlo (CSSR). Ein Beitrag zu den Termiten der Vorwelt. Zeitschrift für Geologische Wissenschaften 16 (2): 169–173.

Schuster, M., P. Duringer, A. Nel, M. Brunet, P. Vignaud, and T.H. MacKaye. 2000. Découverte de termitières fossiles dans les sites à vertébrés du Pliocène tchadien: description, identification et implications paléoécologiques. Comptes Rendus des Séances de l'Académie des Sciences (Série 2) 3 (a): 15–20.

Schuurman, G. 2005. Decomposition rates and termite assemblage composition in semiarid Africa. Ecology 86 (5): 1236–1249.

Schuurman, G. 2006a. Termite diets in dry habitats of the Okavango Delta region of northern Botswana: a stable carbon isotope analysis. Sociobiology 47 (2): 373–389.

Schuurman, G. 2006b. Foraging and distribution patterns in a termite assemblage dominated by fungus-growing species in semi-arid northern Botswana. Journal of Tropical Ecology 22 (3): 277–287.

Schuurman, G., and J.M. Dangerfield. 1995. Assessment of intraspecific aggression in *Macrotermes michaelseni* (Isoptera: Macrotermitinae). Sociobiology 26 (1): 33–38.

Schuurman, G., and J.M. Dangerfield. 1996. Mound dimensions, internal structure and potential colony size in the fungus growing termite *Macrotermes michaelseni* (Isoptera: Macrotermitinae). Sociobiology 27 (1): 29–38.

Schuurman, G., and J.M. Dangerfield. 1997. Dispersion and abundance of *Macrotermes michaelseni* colonies: a limited role for intraspecific competition. Journal of Tropical Ecology 13 (1): 39–49.

Schwartz, D.M. 1987. The termite connection. International Wildlife 17 (4): 38–42.

Schwarz, E.A. 1896. Termitidae observed in southwestern Texas in 1895. Proceedings of the Entomological Society of Washington 4 (1): 38–41.

Schwenke, W. 1972. Die Forstschädlinge Europas. Vol. 1: Würmer, Schnecken, Spinnentiere, Tausendfüssler und hemimetabole Insekten. Hamburg: Paul Parey, ix + 464 pp.

Schwinghammer, M.A., and R.M. Houseman. 2006. Response of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) to disturbance in laboratory arenas at different temperatures and soldier proportions. Journal of Economic Entomology 99 (2): 462–468.

Scortecci, G. 1936. Note sui termitidi del Fezzan raccolti dalla Missione Scortecci della R. Soc. Geografica e determinati dal Prof. F. Silvestri. Natura (Milan) 27: 1–12.

Scott, C.M. 1966. Formosan subterranean termite found in Louisiana and Texas poses a threat to Georgia and other southern states. Journal of the Georgia Entomological Society 1 (3): 31.

Scott, H.G. 1961. Keys to common North American domestic termites. Pest Control 29 (9): 46, 48.

Scudder, S.H. 1878. A Carboniferous *Termes* from Illinois. Proceedings of the Boston Society of Natural History 19 (3): 300–301.

Scudder, S.H. 1883. The fossil white ants of Colorado. Proceedings of the American Academy of Arts and Sciences 19 (1): 133–145.

Scudder, S.H. 1885a. Dictyoneura and the allied insects of the Carboniferous epoch. Proceedings of the American Academy of Arts and Sciences 12 (n.s.): 167–173.

Scudder, S.H. 1885b. 4. Classe. Insecta. Insecten. *In* K.A. Zittel (editor), Handbuch der Palaeontologie. Vol. 2: 747–831. Leipzig: R. Oldenbourg, 893 pp.

Scudder, S.H. 1885c. XII. Palaeodictyoptera: or the affinities and classification of Paleozoic Hexapoda. Memoirs Read before the Boston Society of Natural History 3: 319–351.

Scudder, S.H. 1887. 4e classe: Insecta. Insects. *In* K.A. Zittel (editor), Traité de Paléontologie. Vol. 2: 746–833. Paris: Octave Doin, 897 pp.

Scudder, S.H. 1890. The Tertiary insects of North America. Report of the United States Geological Survey of the Territories 13: 734 pp. + 28 pls.

Scudder, S.H. 1891. Index to the known fossil insects of the world including myriopods and arachnids. Bulletin of the United States Geological Survey 71: 1–744.

Scudder, S.H. 1895. The Miocene insect-fauna of Oeningen, Baden. Geological Magazine (London) (n.s.) 2 (3): 116–122 + 1 pl.

Seabra, A.F., de. 1907. Quelques observations sur le *Calotermes flavicollis* (Fab.) et le *Termes lucifagus* [sic] Rossi. Bulletin de la Société Portugaise de Sciences Naturelles 1 (3): 122–123.

Seabra, A.F., de. 1917. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. VI. Quelques observations sur le *Neotermes gestri* F. Silv. et le *Microcerotermes parvus theobromae* Desn. Mémoires Publiés par la Société Portugaise des Sciences Naturelles, Série Zoologique 3 (1): 24–28.

Seabra, A.F., de. 1919a. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. VIII. Sur une nouvelle espèce du genere *Mirotermes* appartenant à la faune de S. Thomé. Section Technique et de Pathologie Végétale de la Compagnie "Agricola Ultramarina" (Lisboa) 1919: 1–6.

Seabra, A.F., de. 1919b. Estudos sôbre as doenças e parasitas de Cacaueiro e de outras plantas cultivadas em S. Tomé. XIX. A seca dos ramos dos Cacaueiros. Secção Técnica et de Patologia Vegetal da Companhia Agrícola Ultramarina (Lisboa) 1919: 1–40.

Seabra, A.F., de. 1921a. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. XIII. Sur l'existence du *Microcerotermis* [sic] *dolichognathus* F. Silvestri, à S. Thomé. Section Technique et de Pathologie Végétale de la Compagnie "Agricola Ultramarina" (Lisboa) 1921: 11–13.

Seabra, A.F., de. 1921b. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. XV. Les termites des plantations de cacaoyers. Étude agricole. Section Technique et de Pathologie Végétale de la Compagnie "Agricola Ultramarina" (Lisboa) 1921: 1–11 + 6 pls.

Seabra, A.F., de. 1921c. As doenças das plantações de cacau das ilhas de S. Tomé e Principe. Os serviços tecnicos du combate contra as epiphytias. Secção Técnica et de Patologia Vegetal da Companhia Agrícola Ultramarina (Lisboa) 1921: 1–142 + 30 pls.

Seabra, A.F., de. 1922a. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. VIII. Sur une nouvelle espèce du genere *Mirotermes* appartenant à la faune de S. Thomé. Mémoires Publiés par la Société Portugaise des Sciences Naturelles, Série Zoologique (2) 3 (2): 50–53.

Seabra, A.F., de. 1922b. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. XIII. Sur l'existence du *Microcerotermis* [sic] *dolichognathus* F. Silvestri, à S. Thomé. Mémoires Publiés par la Société Portugaise des Sciences Naturelles, Série Zoologique (2) 3: 72–74.

Seabra, A.F., de. 1922c. Études sur les maladies et les parasites du cacaoyer et d'autres plantes cultivées à S. Thomé. XV. Les termites des plantations de cacaoyers. Étude agricole. Mémoires Publiés par la Société Portugaise des Sciences Naturelles, Série Zoologique (2) 3: 78–87.

Seabra, A.F., de. 1930. Registo das espécies úteis ou nocivas observadas na Secção de Biologia e Parasitologia do Museu durante os meses de Janeiro a Março de 1930. Arquivos da Secção de Biologia e Parasitologia do Museu Zoológico da Universidade de Coimbra 3 (3): 261–266.

Seabra, A.F., de. 1938. Subsídios para o conhecimento da fauna das Matas Nacionais. Arquivos da Secção de Biologia e Parasitologia do Museu Zoológico da Universidade de Coimbra 2 (4): 173–242.

Seeley, T., and B. Heinrich. 1981. Regulation of temperature in the nests of social insects. The termites. *In* B. Heinrich (editor), Insect thermoregulation: 160–172. New York: Wiley, ix + 328 pp.

Seelinger, G., and U. Seelinger. 1983. On the social organisation, alarm and fighting in the primitive cockroach *Cryptocercus punctulatus* Scudder. Zeitschrift für Tierpsychologie 61: 315–333.

Seely, M.K., and D. Mitchell. 1986. Termite casts in Tsondab Sandstone? Palaeoecology of Africa 17: 109–112.

Seevers, C.H. 1957. A monograph on the termitophilous Staphylinidae (Coleoptera). Fieldiana: Zoology 40: 1–334.

Seid, M.A., R.H. Scheffrahn, and J.E. Niven. 2008. The rapid mandible strike of a termite soldier. Current Biology 18 (22): R1049–R1050.

Sellenschlo, U. 1988a. Termiten in Hamburg. Anzeiger für Schädlingskunde Pflanzenschutz [und] Umweltschutz 61 (6): 105–108.

Sellenschlo, U. 1988b. Die Nordamerikanische Gelbfusstermite *Reticulitermes flavipes* (Kollar, 1837) (Isoptera) 50 Jahre in Hamburg. Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg 9 (133): 165–167.

Sena, J.M., A. Vasconcellos, M.A.B. Gusmão, and A.G. Bandeira. 2003. Assemblage of termites in a fragment of cerrado on the coast of Paraiba State, northeast Brazil (Isoptera). Sociobiology 42 (3): 753–760.

Sendal, N. 1742. Historia succinorum, corpora aliena involvientum et naturae opera pictorum et caelatorum ex regiis augustorum cimeliis Dresdae conditis aeri insculptorum conscripta. Lipsiae [Leipzig]: Gleditschium, viii + [2] + 328 pp. + xiii pls.

Sennepin, A. 1998. Comportement carnivore chez les termites: du cannibalisme à la predation. Actes des Colloques Insectes Sociaux 11: 9–17.

Sennepin, A. 1999. Symbioses entre termites et fourmis: structures et implications. Actes des Colloques Insectes Sociaux 12: 181–190.

Sen-Sarma, P.K. 1962. Some observations on swarming in nature and colony foundation under laboratory conditions in *Odontotermes assmuthi* (Holmgren) at Dehra Dun (Isoptera: Termitidae). Beiträge zur Entomologie (Berlin) 12 (3–4): 292–297.

Sen-Sarma, P.K. 1964. The effects of temperature and relative humidity on the longetivity of pseudoworkers of *Kalotermes flavicollis* (Fabr.) (Isoptera) under starvation conditions. Proceedings of the National Institute of Sciences of India, Part B, Biological Sciences 30 (5, 6): 300–314.

Sen-Sarma, P.K. 1965. A new termite genus and species from South India (Insecta: Isoptera: Termitidae). Proceedings of the Zoological Society (Calcutta) 18 (2): 143–148.

Sen-Sarma, P.K. 1966a. Three new genera of *Grallatotermes* complex (Isoptera: Termitidae: Nasutitermitinae). Journal of the Bombay Natural History Society 63 (1): 167–184.

Sen-Sarma, P.K. 1966b. Two new termites, *Microcerotermes manjikuli* sp. nov. and *Thailanditermes thailandicus* gen. et sp. nov., from Thailand (Isoptera: Termitidae). Indian Journal of Entomology 28 (2): 197–209.

Sen-Sarma, P.K. 1968. Phylogenetic relationship of the termite genera of the subfamily Nasutitermitinae (Isoptera: Termitidae). Oriental Insects 2 (1): 1–34.

Sen-Sarma, P.K. 1974. Ecology and biogeography of the termites of India. *In* M.S. Mani (editor), Ecology and biogeography in India: 421–472. The Hague: Junk, xix + 773 pp.

Sen-Sarma, P.K. 1981. Recent advances in termite research in India, and future strategy. *In* G.K. Veeresh (editor), Progress in soil biology and ecology in India: 236–253. Bangalore, India: University of Agriculture Science, ix + 351 pp.

Sen-Sarma, P.K. 1982. Economically important termites of the Oriental regions and their management. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 142–146. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Sen-Sarma, P.K. 1986. Economically important termites and their management in the Oriental region. *In* S.B. Vinson (editor), Economic Impact and Control of Social Insects: 69–102. New York: Praeger Publishers, x + 422 pp.

Sen-Sarma, P.K., and P.N. Chatterjee. 1965. Colony foundation through substitute reproductives in *Heterotermes indicola* (Wasmann) under laboratory conditions (Insecta: Isoptera). Journal of the Timber Development Association of India 11 (3): 9–11 + 1 pl.

Sen-Sarma, P.K., and P.N. Chatterjee. 1966a. Humidity behaviour of termites. I. Effect of relative humidity on the longevity of workers of *Microcerotermes beesoni* Snyder (Insecta: Isoptera: Termitidae) under starvation condition. Indian Forest Bulletin (n.s.). Entomology 255: i + 1–6.

Sen-Sarma, P.K., and P.N. Chatterjee. 1966b. The effect of preconditioning on the humidity reactions of workers of *Microcerotermes beesoni* Snyder (Isoptera, Termitidae). Insectes Sociaux 13 (4): 267–276.

Sen-Sarma, P.K., and B.K. Gupta. 1979. Food preferences in laboratory colonies of *Microcerotermes beesoni* Snyder. Indian Journal of Entomology 41 (3): 283–285.

Sen-Sarma, P.K., and W. Kloft. 1965. Trophallaxis in pseudoworkers of *Kalotermes flavicollis* (Fabricius) [Insecta: Isoptera: Kalotermitidae] using radioactive I131. Proceedings of the Zoological Society (Calcutta) 18: 41–46.

Sen-Sarma, P.K., and R.N. Mathur. 1957. Further record of occurrence of *Cryptotermes dudleyi* (Banks) in India (Insecta: Isoptera: Kalotermitidae). Current Science (Bangalore) 26 (12): 399.

Sen-Sarma, P.K., and R.N. Mathur. 1961. *Trinervitermes biformis* (Wasmann), a mound building termite in South India. Indian Forester 87 (4): 252 + 1 pl.

Sen-Sarma, P.K., and S.C. Mishra. 1972. Seasonal fluctuations of colony composition and population in *Neotermes bosei* Snyder (Insecta: Isoptera: Kalotermitidae). Journal of the Indian Academy of Wood Science 3 (2): 43–48.

Sen-Sarma, P.K., and S.C. Mishra. 1981. Fluctuations of brood population in termite colony (Insecta: Isoptera). Journal of Soil Biology and Ecology 1: 47–55.

Sen-Sarma, P.K., and M.L. Thakur. 1979. Termites of Tripura (Insecta: Isoptera). Indian Forest Records (n.s.), Entomology 13 (1): i–ii + 1–67.

Sen-Sarma, P.K., and M.L. Thakur. 1980a. On a collection of termites of Kumaon Hills, Uttar Pradesh, India (Insecta: Isoptera). Indian Forest Records (n.s.), Entomology 14 (1): 1 + 1–30.

Sen-Sarma, P.K., and M.L. Thakur. 1980b. Population ecology of Indian termites. Bulletin of Entomology (Madras) 19 (1–2) [1978]: 89–99.

Sen-Sarma, P.K., and S.C. Verma. 1984. A review of the Nasutitermitinae (Isoptera: Termitidae) from India. Oriental Insects 17 [1983]: 79–108.

Sen-Sarma, P.K., B.K. Gupta, and G. Kapoor. 1973. Water-loss in workers of *Microcerotermes beesoni* Snyder (Insecta: Isoptera: Termitidae) under constant temperature and humidity. Journal of the Indian Academy of Wood Science 4 (2): 92–95.

Sen-Sarma, P.K., M.L. Thakur, S.C. Misra, and B.K. Gupta. 1975. Studies on wood destroying termites of India (Final Technical Report 1968–73) under PL 480 Project A7-FS- 58. Dehra Dun, India: Forest Research Institute and Colleges, viii + 187 + [2] pp.

Setter, R.R., and T.G. Myles. 2005. First record of *Microcerotermes* (Isoptera: Termitidae) from the continental United States with observations on its unique ecology. American Entomologist 51 (2): 96–103.

Sevala, V.L., A.-G. Bagnères, M. Kuenzli, G.J. Blomquist, and C. Schal. 2000. Cuticular hydrocarbons of the dampwood termite, *Zootermopsis nevadensis*: caste differences and role of lipophorin in transport of hydrocarbons and hydrocarbon metabolites. Journal of Chemical Ecology 26 (3): 765–789.

Sewell, J.J., and F.J. Gay. 1978. The genus *Kalotermes* Hagen in Western Australia (Isoptera: Kalotermitidae). Journal of the Australian Entomological Society 17 (1): 41–51.

Sewell, J.J., and J.A.L. Watson. 1981. Developmental pathways in Australian species of *Kalotermes* Hagen (Isoptera). Sociobiology 6 (2): 243–323.

Shahid, A.S., and M.S. Akhtar. 1992. Termite (Isoptera) population and damage in sugarcane field at Gojra, Toba Tek Singh, Pakistan. Pakistan Journal of Zoology 24 (2): 161–164.

Shahid, A.S., and M.S. Akhtar. 1995. Nest density of the genus *Odontotermes* with a special note on nest structure of *Odontotermes obesus* (Rambur). Pakistan Journal of Zoology 27 (3): 195–202.

Shahid, A.S., and M.S. Akhtar. 2000. Developmental pathways in a fungus growing termite, *Odontotermes obesus* (Rambur) (Termitidae: Macrotermitinae). Punjab University Journal of Zoology 15: 69–121.

Shakoor, A., M.S. Akhtar, and S. Awan. 1991. Feeding preferences of termites of Azad Kashmir. Pakistan Journal of Zoology 23 (4): 355–359.

Sharma, B.D., and T. Sharma. 1978. Termites (Insecta: Isoptera) of Poonch Valley (J and K State)—notes on their ecology of pestilential habits and control. Journal of the Indian Academy of Wood Science 9 (2): 88–90.

Sharma, R., and M.L. Sareen. 1988a. Morphological and cytochemical studies on the spermatheca of termite *Odontotermes obesus* (Rambur). Research Bulletin of the Panjab University, Science 39 (3–4): 145–149.

Sharma, R., and M.L. Sareen. 1988b. Studies on the male reproductive system of the termite, *Odontotermes obesus* (Rambur). Research Bulletin of the Panjab University, Science 39 (3–4): 169–172.

Sharma, S.P., and U. Kumar. 1987. Optic neuropiles of the mound building termite *Odontotermes obesus* (Rambur). Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 115: 181–185.

Sharov, A.G. 1962. Order Paraplecoptera. *In* B.B. Rohdendorf (editor), Fundamentals of paleontology: a manual for paleontologists and geologists. Vol. 9: 119–134. Moscow: Akademiya Nauk SSSR, 560 pp. [in Russian]

Sharov, A.G. 1991. Order Paraplecoptera. *In* B.B. Rohdendorf (editors), Fundamentals of paleontology: Arthropoda, Tracheata, Chelicerata. Vol. 9: 151–173. New Delhi: Amerind Publishing Co., xxxi + 894 pp. [English translation of Sharov, 1962]

Sharp, D. 1895. Insecta: Fam. III. Termitidae—white ants, termites. *In* S.F. Harmer and A.E. Shipley (editors), Cambridge natural history. Vol. 5: Peripatus, myriapods and insects—part 1: 356–389. London: Macmillan and Co., xi + 584 pp.

Sharp, D., and G.D. Haviland. 1895. [Note, without title, on *Calotermes* from Borneo]. Proceedings of the Entomological Society of London 1895: xix–xx.

Shatov, K.S. 1974. Functions of the sternal gland in termites *Anacanthotermes ahngerianus* Jacobson belonging to different cast[e]s. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 5, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 134–140. Moscow: University Publishing House, 222 pp. [in Russian, with English title]

Shatov, K.S. 1977. Chemical signals in the termite *Anacanthotermes ahngerianus* Jacobson (Isoptera, Hodotermitidae). *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 50–51. Wageningen: Centre for Agricultural Publication and Documentation, xi + 325 pp.

Shatov, K.S. 1979. Behaviour and orientation in the imago of *Anacanthotermes ahngerianus* Jacobson. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 9, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 61–73. Moscow: University Publishing House, 152 pp. [in Russian, with English title]

Shatov, K.S. 1987. The family group of harvester termites. Priroda (Moscow) 8: 50–52. [in Russian]

Shellman-Reeve, J.S. 1990. Dynamics of biparental care in the dampwood termite, *Zootermopsis nevadensis* (Hagen): response to nitrogen availability. Behavioral Ecology and Sociobiology 26: 389–397.

Shellman-Reeve, J.S. 1996. Operational sex ratio and lipid reserves in the dampwood termite *Zootermopsis nevadensis* (Hagen) (Isoptera: Termopsidae). Journal of the Kansas Entomological Society, Supplement 69 (4): 139–146.

Shellman-Reeve, J.S. 1997a. Advantages of biparental care in the wood-dwelling termite, *Zootermopsis nevadensis*. Animal Behaviour 54: 163–170.

Shellman-Reeve, J.S. 1997b. The spectrum of eusociality in termites. *In* J.C. Choe and B.J. Crespi (editors), The evolution of social behavior in insects and arachnids: 52–93. Cambridge: Cambridge University Press, xii + 541 pp.

Shellman-Reeve, J.S. 1999. Courting strategies and conflicts in a monogamous, biparental termite. Proceedings of the Royal Society of London, Series B, Biological Sciences 266: 137–144.

Shellman-Reeve, J.S. 2001. Genetic relatedness and partner preference in a monogamous, wood-dwelling termite. Animal Behaviour 61: 869–876.

Shelton, T.G., and A.G. Appel. 2000a. Cyclic carbon dioxide release in the dampwood termite, *Zootermopsis nevadensis* (Hagen). Comparative Biochemistry and Physiology, Part A 126 (4): 539–545.

Shelton, T.G., and A.G. Appel. 2000b. Cyclic $CO_2$ release and water loss in the Western drywood termite (Isoptera: Kalotermitidae). Annals of the Entomological Society of America 93 (6): 1300–1307.

Shelton, T.G., and A.G. Appel. 2001a. Cyclic $CO_2$ release in *Cryptotermes cavifrons* Banks, *Incisitermes tabogae* (Snyder) and *I. minor* (Hagen) (Isoptera: Kalotermitidae). Comparative Biochemistry and Physiology, Part A 129: 681–693.

Shelton, T.G., and A.G. Appel. 2001b. Carbon dioxide release in *Coptotermes formosanus* Shiraki and *Reticulitermes flavipes* (Kollar): effects of caste, mass, and movement. Journal of Insect Physiology 47: 213–224.

Shelton, T.G., and A.G. Appel. 2001c. Cyclic $CO_2$ release and water loss in alates of the eastern subterranean termite (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 94 (3): 420–426.

Shelton, T.G., and A.G. Appel. 2001d. An overview of the $CO_2$ release patterns of lower termites (Isoptera: Termopsidae, Kalotermitidae, and Rhinotermitidae). Sociobiology 37 (1): 193–219.

Shelton, T.G., and J.K. Grace. 1996. Review of agonistic behaviors in the Isoptera. Sociobiology 28 (1): 155–176.

Shelton, T.G., and J.K. Grace. 1997. Impact of low temperature conditioning on intercolonial agonism in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 30 (2): 197–211.

Shelton, T.G., and J.K. Grace. 2003. Cuticular permeability of two species of *Coptotermes* Wasmann (Isoptera: Rhinotermitidae). Comparative Biochemistry and Physiology, Part A 134: 205–211.

Shelton, T.G., J.T. Vogt, A.G. Appel, and F.M. Oi. 1999. Observations of *Reticulitermes* spp. in *Solenopsis invicta* mounds (Isoptera: Rhinotermitidae, Hymenoptera: Formicidae). Sociobiology 33 (3): 265–275.

Shelton, T.G., X.P. Hu, A.G. Appel, and T.L. Wagner. 2006. Flight speed of tethered *Reticulitermes flavipes* (Kollar) (Isoptera: Rhinotermitidae) alates. Journal of Insect Behavior 19 (1): 115–128.

Sheppe, W. 1970. Daily and seasonal patterns of construction activity by *Odontotermes latericius* (Isoptera: Termitidae). Insectes Sociaux 17 (4): 225–232.

Shi, J.-X., D. Li, J.-H. Zhang, and Y.-H. Chen. 1987. Observations on the emergence and swarming of *Odontotermes hainanensis* Light. Kunchong Zhishi (Entomological Knowledge) 24 (6): 337–343. [in Chinese, with English title]

Shimizu, K. 1963. Studies on the caste differentiation in termites. III. Emergence of soldiers and supplementary reproductives of the Japanese termite, *Leucotermes* (*Reticulitermes*) *speratus* (Kolbe). Japanese Journal of Applied Entomology and Zoology 7 (3): 207–213.

Shimizu, K., and Y. Nakajima. 1958. On the Satsuma-termite, *Kalotermes* (*Glyptotermes*) *satsumensis* (Matsumura). Annals of the Miyazaki Linnean Society 15: 20–21. [in Japanese]

Shinzato, N., M. Muramatsu, Y. Watanabe, and T. Matsui. 2005. Termite-regulated fungal monoculture in fungus combs of a Macrotermitine termite *Odontotermes formosanus.* Zoological Science (Tokyo) 22: 917–922.

Shiraki, T. 1909. On the termites of Japan. Transactions of the Entomological Society of Japan 2 (10): 229–242. [in Japanese]

Shiroma, E.S. 1966. *Zootermopsis angusticollis* (Hagen). Proceedings of the Hawaiian Entomological Society 19 (2): 135.

Shulepova, T.S. 1974. Functional characteristics of the contact sense organs in the worker-termites *Anacanthotermes ahngerianus* Jacobson. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 5, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 141–149. Moscow: University Publishing House, 222 pp. [in Russian]

Shulepova, T.S. 1979. Specialisation of the taste chemoreceptors in the termite *Kalotermes flavicollis* Fabr. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 9, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 74–83. Moscow: University Publishing House, 152 pp. [in Russian, with English title]

Siderhurst, M.S., D.M. James, T.D. Blunt, and L.B. Bjostad. 2005. Endosymbiont biosynthesis of norharmane in *Reticulitermes* termites (Isoptera: Rhinotermitidae). Sociobiology 45 (3): 687–705.

Siderhurst, M.S., D.M. James, and L.B. Bjostad. 2006. Ultraviolet light induced autophototoxicity and negative phototaxis in *Reticulitermes* termites (Isoptera: Rhinotermitidae). Sociobiology 48 (1): 27–49.

Sieber, R. 1983. Establishment of fungus comb in laboratory colonies of *Macrotermes michaelseni* and *Odontotermes montanus* (Isoptera, Macrotermitinae). Insectes Sociaux 30 (2): 204–209.

Sieber, R. 1985. Replacement of reproductives in Macrotermitinae (Isoptera, Termitidae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 201–207. Oxford: Pergamon Press, xiv + 405 pp.

Sieber, R., and J.P.E.C. Darlington. 1982. Replacement of the royal pair in *Macrotermes michaelseni.* Insect Science and Its Application 3 (1): 39–42.

Sieber, R., and E.D. Kokwaro. 1982. Water intake by the termite *Macrotermes michaelseni.* Entomologia Experimentalis et Applicata 31: 147–153.

Sieber, R., and R.H. Leuthold. 1981. Behavioural elements and their meaning in incipient laboratory colonies of the fungus-growing termite *Macrotermes michaelseni* (Isoptera: Macrotermitinae). Insectes Sociaux 28 (4): 371–382.

Sieber, R., and R.H. Leuthold. 1982a. Repeated copulation and testes enlargement in *Macrotermes michaelseni.* Physiological Entomology 7: 457–465.

Sieber, R., and R.H. Leuthold. 1982b. Development of physogastry in the queen of the fungus-growing termite *Macrotermes michaelseni* (Isoptera: Macrotermidinae). Journal of Insect Physiology 28 (12): 979–985.

Sillam-Dussès, D., and B.T. Forschler. 2010. A dominant and undescribed species of *Reticulitermes* in Sapelo Island (Georgia, USA). Sociobiology 56 (1): 137–147.

Sillam-Dusses, D., A. Robert, and C. Bordereau. 2002. Les pheromones de piste chez les termites le cas de *Mastotermes darwiniensis.* Actes des Colloques Insectes Sociaux 15: 118–122.

Sillam-Dusses, D., E. Semon, C. Moreau, I. Valterová, J. Šobotník, A. Robert, and C. Bordereau. 2005. Neocembrene A, a major component of the trail-following pheromone in the genus *Prorhinotermes* (Insecta, Isoptera, Rhinotermitidae). Chemoecology 15 (1): 1–6.

Sillam-Dussès, D., E. Sémon, M.J. Lacey, A. Roberts, M. Lenz and C. Bordereau. 2007. Trail-following pheromones in basal termites, with special reference to *Mastotermes darwiniensis.* Journal of Chemical Ecology 33: 1960–1977.

Silvestri, F. 1901. Nota preliminare sui Termitidi sud-americani. Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino 16 (389): 1–8.

Silvestri, F. 1902a. Note preliminari sui Termitidi e termitofili sud-americani. Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino 17 (419): 1–29.

Silvestri, F. 1902b. Ergebnisse biologischer Studien an südamerikanischen Termiten [translated from the Italian by Dr. P. Speiser]. Allgemeine Zeitschrift für Entomologie 7 (9): 173–178, 257–260, 289–293, 326–335.

Silvestri, F. 1903. Contribuzione alla conoscenza dei termite e termitofili dell'America meridionale. Redia 1: 1–234 + 6 pls.

Silvestri, F. 1905. Elenco dei Miriapodi, Tisanuri, Termitidi ed Embiidi raccolti all'isola d'Elba e di Pianosa. Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino 20 (501): 1–2.

Silvestri, F. 1906. Contribuzione alla conoscenza dei termiti e termitofili dell'Eritrea. Redia 3 (2) [1905]: 341–359.

Silvestri, F. 1908. B. Archiptera (I.) Termitidae. *In* L. Schultze (editor), Zoologische und antropologische Ergebnisse einer Forschungsreise im westlichen und zentralen Südafrika, ausgeführt in den Jahren 1903–1905 mit Unterstützung der Kgl. Preussischen Akademie der Wissenschaften zu Berlin. Erster Band: Systematik und Tiergeographie: 69–82 [pls. 8–10]. Denkschriften der Medicinisch-Naturwissenschaftlichen Gesellschaft zu Jena, 13. Jena, Germany: Gustav Fischer v + 504 pp. + 25 pls.

Silvestri, F. 1909a. Termitidae. In Il ruwenzori. Parte scientifica. Risultati delle osservazioni e studi compiuti sul materiale raccolto dal la spedizione. Vol. 1: 317–318. Milan: Ulrico Hoepli, 603 pp. + 74 pls.

Silvestri, F. 1909b. Isoptera. *In* W. Michaelsen and R. Hartmeyer (editors), Die Fauna Südwest-Australiens. Ergebnisse der Hamburger südwest-australischen Forschungsreise 1905. Vol. 2, Part 17: 279–314. Jena, Germany: Gustav Fischer, 314 pp. + 6 pls.

Silvestri, F. 1911. Nuove termiti della Tunisia. Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scoula Superiore d'Agricoltura. Portici 6: 105–109.

Silvestri, F. 1912a. Termiti raccolte da L. Fea alla Guinea Portoghese e alle isole S. Thomé, Annobon, Principe e Fernando Poo. Annali del Museo Civico di Storia Naturale di Genova (3) 5: 211–255.

Silvestri, F. 1912b. Termiti raccolte da S.A.R. la Duchessa d'Aosta nelle regione dei grandi laghi dell'Africa equatoriale. Annuario del Museo Zoologico della R. Università di Napoli (n.s.) 3 (22–23): 1–5.

Silvestri, F. 1914a. Contribuzione alla conoscenza dei Termitidi e Termitofili dell'Africa occidentale. I. Termitidi. Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scoula Superiore d'Agricoltura, Portici 9: 1–146.

Silvestri, F. 1914b. Zoological results of the Abor Expedition, 1911–12. Termitidae. Records of the Indian Museum 8 (5 [32]): 425–435.

Silvestri, F. 1918a. Contribuzione alla conoscenza dei Termitidi e termitofili dell'Africa occidentale. II. Termitofili, parte prima. Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scoula Superiore d'Agricoltura, Portici 12: 287–346.

Silvestri, F. 1918b. Un genere e due nuove specie di Calotermitidi (Insecta Isoptera) dell'Eritrea (Africa Or.). Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scoula Superiore d'Agricoltura, Portici 12: 347–351.

Silvestri, F. 1920a. A new termite from Mesopotamia. Annals and Magazine of Natural History (9) 6 (53): 477–479.

Silvestri, F. 1920b. Contribuzione alla conoscenza dei Termitidi e termitofili dell'Africa occidentale. II. Termitofili, parte seconda. Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scoula Superiore d'Agricoltura, Portici 14: 265–318.

Silvestri, F. 1922. Descriptions of some Indo-Malayan species of *Capritermes* (Termitidae). Records of the Indian Museum 24 (4): 535–546.

Silvestri, F. 1923a. Descriptiones termitum in Anglorum Guiana repertorum. Zoologica (New York) 3 (16): 306–321.

Silvestri, F. 1923b. The fauna of an island in the Chilka Lake III. The termites of Barkuda Island. Records of the Indian Museum 25 (2): 221–232.

Silvestri, F. 1923c. Thysanura, Termitidae, and Embiidae collected in Mesopotamia and N.W. Persia by W. Edgar Evans, B.Sc., late Capt. R.A.M.C., and Dr. P.A. Buxton. Transactions of the Entomological Society of London 1923: 258–262.

Silvestri, F. 1926. Descrizione di particolari individui (Myiagenii) di *Termes gilvus* Hag. parassitizzati da larva di Dittero. Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scoula Superiore d'Agricoltura, Portici 19: 1–18.

Silvestri, F. 1927. Descrizioni di due nuove specie de Isoptera dell'Africa. Bollettino del Laboratorio di Zoologia Generale e Agraria del Reale Istituto Superiore Agrario, Portici 21: 91–95.

Silvestri, F. 1934. Compedio di entomologia applicata (agraria-forestale-medica-veterinaria). Parte speciale. Vol. 1. Portici, Italy: Tipographia Bellavista, 448 pp.

Silvestri, F. 1936. Description d'une nouvelle espèce du genre *Leucotermes* Silv. (Isopt.). Bulletin de la Société Entomologique de France 41 (10): 203–205.

Silvestri, F. 1938. Termitidi raccolti nel Fezzan dal Prof. G. Scortecci. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano 77: 65–72.

Silvestri, F. 1945a. Nuove concetto di fasi corrispondenti all'età della colonia negli individui di una stessa specie componenti una colonia di termiti e descrizione di due specie nuove di *Syntermes.* Bollettino del Laboratorio di Entomologia Agraria di Portici 6: 1–14.

Silvestri, F. 1945b. Descrizione di intercaste di *Syntermes grandis* (Rambur) causate da un protozoo microsporidio. Acta Pontificia Academia Scientiarum 9 (8): 77–89.

Silvestri, F. 1946a. Descrizioni e notizie di Staphilinidae termitofili Sud-Americani. Commentationes Pontifica Academia Scientiarum 10 (9): 299–334.

Silvestri, F. 1946b. Contribuzione alla conoscenza dei Coleotteri Corotocini ("Staphylinidae-Aleocharinae") termitofili dell'America meridionale. Atti Della Accademia Nazionale dei Lincei Memorie (8) 1 (1): 1–22.

Silvestri, F. 1947a. Contributo alla conoscenza dei Phoridae (Insecta, Diptera) termitofili de Brasile. Acta Pontificia Academia Scientiarum 10 [1946]: 281–296.

Silvestri, F. 1947b. Seconda nota su alcuni termitofili dell'Indocina con una appendice sul *Macrotermes barneyi* Light. Bollettino del Laboratorio di Entomologia Agraria di Portici 7: 13–40.

Simakova, T.P. 1979. Termites in Vladivostok. Priroda (Moscow) 1979 (8): 116–117. [in Russian]

Simo, M., M.F. Perez, R. Ponce-de-Leon, F. Achaval, and M. Meneghel. 1994. Relevamiento de fauna de la Quebrada de los Cuervos: area natural Protegida (Dpto. Treinta y Tres—Uruguay). Boletin de la Sociedad Zoológica del Uruguay (Segunda Epoca) Publicacion Anexa 2: 1–19.

Simon, C. 1982. Termite gas and global methane. Science News 122 (19): 295.

Singh, N.B. 1975. Digestion and absorption of carbohydrates in *Odontotermes obesus* (Isoptera: Termitidae). Entomologia Experimentalis et Applicata 18: 357–366.

Singh, N.B. 1976. Studies on certain digestive enzymes in the alimentary canal of *Odontotermes obesus* (Isoptera: Termitidae). Entomologia Experimentalis et Applicata 20: 113–122.

Singh, N.B. 1979. Studies on the congregation and feeding behaviour of *Odontotermes obesus* (Rambur) (Isoptera: Termitidae). Zoologische Beiträge 25 (3): 427–439.

Singh, U.R., and J.S. Singh. 1981a. Temperature and humidity relations of termites. Pedobiologia 21: 211–216.

Singh, U.R., and J.S. Singh. 1981b. Population structure and mound architecture of the termites of a tropical deciduous forest of Varanasi, India. Pedobiologia 22: 213–223.

Sjöstedt, Y. 1896a. *Termes lilljeborgi*: eine neue, wahrscheinlich pilzanbauende Tagtermite aus Kamerun. *In* Festskrift för Lilljeborg: 267–280. Uppsala: Almqvist and Wiksells, xii + 360 pp.

Sjöstedt, Y. 1896b. Termiten aus Kamerun. Entomologisk Tidskrift 17 (4): 297–298.

Sjöstedt, Y. 1897. Neue Termiten aus West-Afrika (Vorläufige Mittheilung). Entomologisk Tidskrift 18 (3): 123–126.

Sjöstedt, Y. 1898a. Eine bisher unbekannte Termite aus Kamerun. Entomologisk Tidskrift 19 (2): 128.

Sjöstedt, Y. 1898b. Zwei neue Termiten aus der Westküste Afrikas (Vorläufige Mittheilung). Entomologisk Tidskrift 19 (3–4): 204–205.

Sjöstedt, Y. 1898c. Neue Termiten aus Sierra Leone und Guinea (Vorläufige Mittheilung). Entomologisk Tidskrift 18 (4) [1897]: 212.

Sjöstedt, Y. 1899a. Neue afrikanische Termiten. Entomologische Nachrichten 25 (3): 34–39.

Sjöstedt, Y. 1899b. Eine neue Termite aus Ostafrika. Entomologisk Tidskrift 20 (2–3): 156.

Sjöstedt, Y. 1900a. Monographie der Termiten Afrikas. Kungliga Svenska Vetenskaps-Akademiens Handlingar 34 (4): 1–236 + 9 pls.

Sjöstedt, Y. 1900b Vorläufige Diagnosen einiger afrikanischen Termiten. Entomologisk Tidskrift 20 (4) [1899]: 278.

Sjöstedt, Y. 1902a. Termites novos ex Africa reportatos descripsit. Entomologisk Tidskrift 23 (1): 40.

Sjöstedt, Y. 1902b. Eine neue Termite aus Kamerun. Entomologisk Tidskrift 23 (4): 252.

Sjöstedt, Y. 1902c. Neue afrikanische Termiten. Entomologisk Tidskrift 23 (4): 302–304.

Sjöstedt, Y. 1903. Eine neue Termite aus Brit. Central-Afrika. Entomologisk Tidskrift 24 (1): 76.

Sjöstedt, Y. 1904. Monographie der Termiten Afrikas. Nachtrag. Kungliga Svenska Vetenskaps-Akademiens Handlingar 38 (4): 1–120 + 4 pls.

Sjöstedt, Y. 1905. Über eine Termitensammlung aus Kongo und anderen Teilen von Afrika. Arkiv för Zoologi 2 (16): 1–20.

Sjöstedt, Y. 1907a. Wissenschafte ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaisteppen Deutsch-Ostafrika 1905–1906 unter Leitung von Prof. Dr. Yngve Sjöstedt: Herausgegeben von der Königliche Schwedischen Akademie der Wissenschaften. 15. Corrodentia. 1. Termitidae. Vol. 3. Uppsala: Almqvist and Wiksells, 37 pp.

Sjöstedt, Y. 1907b. Über eine Termitensammlung aus Kongo. Entomologisk Tidskrift 28 (4): 233–250.

Sjöstedt, Y. 1911a. Über die von Herrn Professor Einer Lönnberg in British Ostafrika eingesammelten Termiten. Arkiv för Zoologi 7 (8): 1–3.

Sjöstedt, Y. 1911b. Neue afrikanische Termiten im schwedischen Reichsmuseum. Arkiv för Zoologi 7 (20): 1–18.

Sjöstedt, Y. 1911c. Zur Termitenfauna Kongos. Entomologisk Tidskrift 32 (3–4): 137–170.

Sjöstedt, Y. 1911d. Termitidae novae a Cl. Dom. Maurice de Rothschild ex Aethiopia reportatae quas descripsit. Entomologisk Tidskrift 32 (3–4): 171–172.

Sjöstedt, Y. 1911e. Neue Ost- und Westafrikanische Termiten. Entomologisk Tidskrift 32 (3–4): 173–188.

Sjöstedt, Y. 1912. Neue Termiten aus Tripolis, Ober-Ägypten, Abessinien, Erithrea, dem Galla- und Somalilande. Arkiv för Zoologi 7 (27): 1–17.

Sjöstedt, Y. 1913a. Über Termiten aus dem inneren Kongo, Rhodesia, und Deutsch-Ostafrika. Revue Zoologique Africaine (Bruxelles) 2 (3): 354–391 + 3 pls.

Sjöstedt, Y. 1913b. Termiten. *In* J. Brunnthaler (editor), Ergebnisse einer botanischen Forschungsreise nach Deutsch-Ostafrika und Südafrika (Kapland, Natal und Rhodesien). 1 Teil: 720–721. Denkschriften der Kaiserlichen Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Klasse (Wien) 88: 711–744.

Sjöstedt, Y. 1914a. Termiten aus Madagaskar eingesammelt von Herrn Dr. W. Kaudern 1911–1912. Arkiv för Zoologi 8 (27): 1–19 + 3 pls.

Sjöstedt, Y. 1914b. Termiten aus Zambesi, Rhodesia, Nyassa und Süd-Nigeria. Arkiv för Zoologi 8 (28): 1–9.

Sjöstedt, Y. 1914c. Termiten. *In* H. Schubotz (editor), Ergebnisse der Zweiten Deutschen Zentral-Afrika-Expedition 1910–1911 unter Fûhrung Adolf Friedrichs, Herzogs zu Mecklenburg: Zoologie. Vol. 1: 89–95 [4 pls.]. Leipzig: Klinkhardt and Biermann, 597 pp.

Sjöstedt, Y. 1914d. Isoptera. *In* W. Michaelsen (editor), Beiträge zur Kenntnis der Land- und Süsswasserfauna Deutsch-Südwestafrikas: Ergebnisse der Hamburger deutsch-südwestsafrikanischen Studienreise 1911. Vol. 1, Part 1: 73–92 [1 pl.]. Hamburg: L. Friederichsen and Co., 182 pp.

Sjöstedt, Y. 1915. I. Termitidae. *In* C. Aluaud and R. Jeannel (editors), Voyage de Ch. Alluaud et R. Jeannel en Afrique Oriental (1911–1912): résultats scientifiques. Insectes pseudonéuroptères: 1–18. Paris: A. Schultz, 50 pp. + 3 pls.

Sjöstedt, Y. 1922. Termites. *In* E.-L. Bouvier (editor), Du voyage de M. Le Baron Maurice de Rothschild en Éthiopie et en Afrique Orientale Anglaise (1904–1905). Vol. 1: 241–247. Paris: Imprimerie Nationale, 483 pp. + 5 pls.

Sjöstedt, Y. 1924a. Neue Termiten im Kongo-Museum. Revue Zoologique Africaine (Bruxelles) 12 (1): 39–42.

Sjöstedt, Y. 1924b. Neue Arten und Gattungen Afrikanischer Termiten (vorläufige Mitteilung). Revue Zoologique Africaine (Bruxelles) 12 (2): 253–257.

Sjöstedt, Y. 1924c. Neue Afrikanische Termiten. Revue Zoologique Africaine (Bruxelles) 12 (4): 490–494.

Sjöstedt, Y. 1924d. Weitere Neuheiten von der afrikanischen Termitenfauna. Revue Zoologique Africaine (Bruxelles) 12 (4): 495–497.

Sjöstedt, Y. 1924e. Über das unterirdische Nest einer bisher unbekannten Termite aus Kongo. Arkiv för Zoologi 15 (4) [1923]: 1–8.

Sjöstedt, Y. 1925. Neue Termiten aus Afrika und Madagascar. Konowia 4 (1–2): 53–55.

Sjöstedt, Y. 1926a. Neue Termiten aus der Goldküste. Arkiv för Zoologi 18B (12): 1–5.

Sjöstedt, Y. 1926b. Kongo-Termiten aus dem Ituri- und Uelegebiet. Revue Zoologique Africaine (Bruxelles) 14 (1): 140–164.

Sjöstedt, Y. 1926c. Termiten aus Accra, gesammelt von Herrn A.W.J. Pomeroy. Entomologisk Tidskrift 47 (4): 238–246.

Sjöstedt, Y. 1926d. Revision der Termiten Afrikas. 3. Monographie. Kungliga Svenska Vetenskaps-Akademiens Handlingar (3) 3 (1): 1–419 + 16 pls.

Sjöstedt, Y. 1926e. Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft Treitl von F. Werner unternommenen zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan) 1914. XXI. Isoptera. Mit einem Anhang: einige Beobachtungen an Termitenbauten, von R. Ebner. Denkschriften der Akademie der Wissenschaften in Wien. Mathematisch-Naturwissenschaftliche Klasse 100 [1925]: 71–76 + 1 pl.

Sjöstedt, Y. 1927a. Termiten aus dem Somaliland. Revue Zoologique Africaine (Bruxelles) 15 (1): 97–104.

Sjöstedt, Y. 1927b. Eine neue Termite aus Katanga, Belg. Kongo. Entomologisk Tidskrift 48 (3): 169.

Sjöstedt, Y. 1927c. Sur l'image ailé d'un Termite du Maroc. Bulletin de la Société Entomologique de France 18: 279–280.

Sjöstedt, Y. 1935. Eine neue Hodotermitidae aus Tunis. Revue Française d'Entomologie 2 (2): 106–107.

Skaife, S.H. 1954. The black-mound termite of the Cape, *Amitermes atlanticus* Fuller. Transactions of the Royal Society of South Africa 34 (1): 251–271.

Skaife, S.H. 1957. The Durban dry-wood termite *Kalotermes durbanensis,* Haviland. Journal of the Entomological Society of Southern Africa 20 (2): 373–390.

Slaytor, M. 1992a. Cellulose digestion in termites: do symbionts play a role? Proceedings 19th International Congress of Entomology, Beijing 1992: 597. [abstract]

Slaytor, M. 1992b. Cellulose digestion in termites and cockroaches: what role do symbionts play? Comparative Biochemistry and Physiology, Part B 103 (4): 775–784.

Slaytor, M. 2000. Energy metabolism in the termite and its gut microbiota. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 307–332. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Slaytor, M., and D.J. Chappell. 1994. Nitrogen metabolism in termites. Comparative Biochemistry and Physiology, Part B 107 (1): 1–10.

Slaytor, M., P.C. Veivers, and N. Lo. 1997. Aerobic and anaerobic metabolism in the higher termite *Nasutitermes walkeri* (Hill). Insect Biochemistry and Molecular Biology 27 (4): 291–303.

Sleaford, F., D.E. Bignell, and P. Eggleton. 1996. A pilot analysis of gut contents in termites from the Mbalmayo Forest Reserve, Cameroon. Ecological Entomology 21: 279–288.

Sleeman, J.R., and R. Brewer. 1972. Micro-structures of some Australian termite nests. Pedobiologia 12: 347–373.

Smeathman, H. 1781. Some account of the termites, which are found in Africa and other hot climates. Philosophical Transactions of the Royal Society of London 71 (1): 139–192 + 4 pls.

Smith, D.N. 1954. Termites and their control in British Columbia. Canada Department of Agriculture Publication 919: 1–12.

Smith, F. 1868. A species of *Termes* (white ants). *In* G. Zaddach, Amber; its origin and history, as illustrated by the geology of Samland: 184 [fig. 9]. Quarterly Journal of Science 5 (18): 167–184 + 1 pl.

Smith, J.L., and M.K. Rust. 1993. Effect of relative humidity and temperature on the survival of *Reticulitermes hesperus* (Isoptera: Rhinotermitidae). Sociobiology 21 (2): 217–224.

Smith, J.L., and M.K. Rust. 1994. Temperature preferences of the western subterranean termite, *Reticulitermes hesperus* Banks. Journal of Arid Environments 28 (4): 313–323.

Smythe, R.V., and H.C. Coppel. 1966. A preliminary study of the sternal gland of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 59 (5): 1008–1010.

Smythe, R.V., H.C. Coppel, S.H. Lipton, and F.M. Strong. 1967a. Chemical studies of attractants associated with *Reticulitermes flavipes* and *R. virginicus.* Journal of Economic Entomology 60 (1): 228–233.

Smythe, R.V., H.C. Coppel, and T.C. Allen. 1967b. The responses of *Reticulitermes* spp. and *Zootermopsis angusticollis* (Isoptera) to extracts from wood decayed by various fungi. Annals of the Entomological Society of America 60 (1): 8–9.

Snodgrass, R.A. 1935. Principles of insect morphology. New York: McGraw-Hill, ix + 667 pp.

Snyder, T.E. 1912. Record of the finding of a true queen of *Termes flavipes* Kol. Proceedings of the Entomological Society of Washington 14 (2): 107–108 + 1 pl.

Snyder, T.E. 1915. Biology of the termites of the eastern United States, with preventive and remedial measures. United States Department of Agriculture, Bureau of Entomology, Bulletin 94 (2): 1–85.

Snyder, T.E. 1916. Termites or "white ants," in the United States: their damage, and methods of prevention. United States Department of Agriculture Bulletin 333: 1–32.

Snyder, T.E. 1920a: *Kalotermes approximatus,* new species. *In* N. Banks and T.E. Snyder. A revision of the Nearctic termites [Banks], with notes on the biology and distribution of termites [Snyder]: 22. United States National Museum Bulletin 108: [i]–viii + 1–228 + 35 pls.

Snyder, T.E. 1920b. Two new termites from Arizona. Proceedings of the Entomological Society of Washington 22 (2): 38–40.

Snyder, T.E. 1922. New termites from Hawaii, Central and South America, and the Antilles. Proceedings of the United States National Museum 61 (20): 1–32 + 5 pls.

Snyder, T.E. 1923a. A new *Reticulitermes* from the Orient. Journal of the Washington Academy of Sciences 13 (6): 107–109.

Snyder, T.E. 1923b. A new *Glyptotermes* from Porto Rico. Proceedings of the Entomological Society of Washington 25 (4): 89–94.

Snyder, T.E. 1923c. Three new termites from the Canal Zone, Panama. Proceedings of the Entomological Society of Washington 25 (5–6): 126–131.

Snyder, T.E. 1924a. A new subgenus of *Nasutitermes* Banks (Isop.). Proceedings of the Entomological Society of Washington 26 (1): 20–24.

Snyder, T.E. 1924b. An extraordinary new *Rhinotermes* from Panama. Proceedings of the Biological Society of Washington 37: 83–85.

Snyder, T.E. 1924c. The termite *Kalotermes* on Atlantic Coast. Wood Preservers News 2 (2): 32.

Snyder, T.E. 1924d. A new *Prorhinotermes* from Panama. Journal of the Washington Academy of Sciences 14 (2): 43–45.

Snyder, T.E. 1924e. Whence the termites of Hawaii? Proceedings of the Hawaiian Entomological Society 5 (3): 381–384.

Snyder, T.E. 1924f. Description of a new termite from Porto Rico. Proceedings of the Entomological Society of Washington 26 (5): 131–132.
Snyder, T.E. 1924g. A correction. Proceedings of the Entomological Society of Washington 26 (7): 196.
Snyder, T.E. 1924h. A non-subterranean termite in Virginia. Proceedings of the Entomological Society of Washington 26 (8): 207–209.
Snyder, T.E. 1924i. Descriptions of new species and hitherto unknown castes of termites from America and Hawaii. Proceedings of the United States National Museum 64 (6): 1–40 + 5 pls.
Snyder, T.E. 1924j. "Adaptations" to social life: the termites (Isoptera). Smithsonian Miscellaneous Collections 76 (12): 1–14 + 3 pls.
Snyder, T.E. 1925a. Description of winged adult of *Kalotermes approximatus* Snyder. Proceedings of the Entomological Society of Washington 27 (1): 14.
Snyder, T.E. 1925b. The origin of the castes in termites. Proceedings of the Biological Society of Washington 38: 57–68.
Snyder, T.E. 1925c. *Biformis* a preoccupied name. Proceedings of the Biological Society of Washington 38: 89.
Snyder, T.E. 1925d. Notes on fossil termites with particular reference to Florissant, Colorado. Proceedings of the Biological Society of Washington 38: 149–166.
Snyder, T.E. 1925e. New American termites, including a new subgenus. Journal of the Washington Academy of Sciences 15 (7): 152–162.
Snyder, T.E. 1925f. A new *Rugitermes* from Panama. Journal of the Washington Academy of Sciences 15 (9): 197–200.
Snyder, T.E. 1925g. New termites from the Solomon Islands and Santa Cruz Archipelago. Journal of the Washington Academy of Sciences 15 (17): 395–407.
Snyder, T.E. 1925h. New termites from the Solomon Islands and Santa Cruz Archipelago. II. Journal of the Washington Academy of Sciences 15 (19): 438–444.
Snyder, T.E. 1925i. A new Cuban termite. Proceedings of the Entomological Society of Washington 27 (5): 105–106.
Snyder, T.E. 1925j. New termites and hitherto unknown castes from the Canal Zone, Panama. Journal of Agricultural Research 29 (4) [1924]: 179–193.
Snyder, T.E. 1926a. New termites from Guatemala, Costa Rica, and Colombia. Journal of the Washington Academy of Sciences 16 (1): 18–28.
Snyder, T.E. 1926b. Five new termites from Panama and Costa Rica. Proceedings of the Entomological Society of Washington 28 (1): 7–16.
Snyder, T.E. 1926c. *Nasutitermes* (*N.*) *benjamini,* a new name for *Eutermes insularis* Sjöstd. Proceedings of the Biological Society of Washington 39: 143.
Snyder, T.E. 1926d. Change of name of Isoptera. Proceedings of the Entomological Society of Washington 28 (2): 51.
Snyder, T.E. 1926e. Termites collected on the Mulford Biological Exploration to the Amazon Basin, 1921–1922. Proceedings of the United States National Museum 68 (14): 1–76 + 3 pls.
Snyder, T.E. 1926f. Notes on termites from Arizona with description of two new species. University of California Publications in Zoölogy 28 (21): 389–397.
Snyder, T.E. 1926g. Races or subspecies in *Reticulitermes.* Proceedings of the Biological Society of Washington 39: 1–6.
Snyder, T.E. 1926h. The biology of the termite castes. Quarterly Review of Biology 1 (4): 522–552.
Snyder, T.E. 1928. A new *Reticulitermes* from Baltic Sea amber (Insecta—Isoptera). Journal of the Washington Academy of Sciences 18 (19): 515–517.
Snyder, T.E. 1929. New termites from the Antilles and Middle America. Proceedings of the Entomological Society of Washington 31 (4): 79–87.
Snyder, T.E. 1931a. Termites, destroyers of wood, and man's fight against them. Lingnan Science Journal 7 [1929]: 531–550.
Snyder, T.E. 1931b. Insects from the Miocene (Latah) of Washington. IV. Isoptera. Annals of the Entomological Society of America 24: 317.
Snyder, T.E. 1932. Two new termites from Costa Rica. Proceedings of the Entomological Society of Washington 34 (6): 98–100.
Snyder, T.E. 1933a. Two new termites from India. Proceedings of the Biological Society of Washington 46: 91–93.
Snyder, T.E. 1933b. New termites from India. Proceedings of the United States National Museum 82 (16): 1–15 + 1 pl.

Snyder, T.E. 1933c. *Calcaritermes* in the United States. Proceedings of the Entomological Society of Washington 35 (5): 67–69.
Snyder, T.E. 1933d. A new species of Brazilian termite, featuring an intermediate soldier-worker individual. Proceedings of the Biological Society of Washington 46: 161–166.
Snyder, T.E. 1934a. New termites from India. Indian Forest Records, Entomology 20 (11): 1–28.
Snyder, T.E. 1934b. Two new termites from Costa Rica. Proceedings of the Biological Society of Washington 47: 95–97.
Snyder, T.E. 1934c. American subterranean termites other than those on the Pacific Coast. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 187–195. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Snyder, T.E. 1934d. The dry-wood termites of eastern and southern United States. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 269–272. Berkeley: University of California Press, xxvii + [1] + 795 pp.
Snyder, T.E. 1935. Our enemy, the termite. Ithaca, New York: Comstock Publishing Company, xii + 196 pp.
Snyder, T.E. 1936. The termites of Louisiana and their control. Louisiana Conservation Review 5 (4): 26–33.
Snyder, T.E. 1938. Isoptera, family Rhinotermitidae. *In* F.M. Carpenter, T.E. Snyder, C.P. Alexander, M.T. James, and F.M. Hull, Fossil insects from the Creede Formation, Colorado. Part I. Introduction, Neuroptera, Isoptera, and Diptera: 109–110. Psyche (Cambridge) 45 (2–3): 105–119.
Snyder, T.E. 1946. A small dark-colored new *Kalotermes* from Guatemala. Proceedings of the Entomological Society of Washington 48 (6): 158–160.
Snyder, T.E. 1949a. Catalog of termites (Isoptera) of the world. Smithsonian Miscellaneous Collections 112 (3953): 1–490.
Snyder, T.E. 1949b. A new Miocene *Ulmeriella* (fossil Isoptera). Proceedings of the Entomological Society of Washington 51 (4): 164–165.
Snyder, T.E. 1950a. Termites (the Isoptera). *In* F.C. Craighead (editor), Insect enemies of eastern forests: 85–93. United States Department of Agriculture Miscellaneous Publication 657 [1949]: ii + 679 pp.
Snyder, T.E. 1950b. The fossil termites (Isoptera) of the United States, and their living relatives. Proceedings of the Entomological Society of Washington 52 (4): 190–193.
Snyder, T.E. 1952. A new *Rugitermes* from Guatemala. Proceedings of the Entomological Society of Washington 54 (6): 303–305.
Snyder, T.E. 1953. Insect oddities. Pest Control 21 (7): 40–41.
Snyder, T.E. 1954a. Order Isoptera: the termites of the United States and Canada. New York: National Pest Control Association, 64 pp.
Snyder, T.E. 1954b. The Termites (Order Isoptera) of the United States and Canada. Baltimore, MD: Monumental Printing Co., 64 pp.
Snyder, T.E. 1954c. [*Zootermopsis angusticollis* introduced into eastern, midwestern, and southern United States]. Proceedings of the Entomological Society of Washington 56 (1): 47.
Snyder, T.E. 1954d. *Zootermopsis angusticollis* of the Pacific Coast introduced in Douglas fir lumber into eastern and central western U.S. Pest Control 22 (3): 33–34.
Snyder, T.E. 1955a. A new fossil termite (*Parastylotermes frazieri*) from California (Isoptera, Rhinotermitidae). Proceedings of the Entomological Society of Washington 57 (2): 79–80.
Snyder, T.E. 1955b. *Anoplotermes brucei,* new species, from Bolivia (Isoptera, Termitidae). Proceedings of the Entomological Society of Washington 57 (6): 300.
Snyder, T.E. 1955c. Fossil termites. Pest Control 23 (2): 32.
Snyder, T.E. 1956a. Annotated, subject heading bibliography of termites, 1350 B.C. to A.D. 1954. Smithsonian Miscellaneous Collections 130: 1–305.
Snyder, T.E. 1956b. Termites of the West Indies, the Bahamas and Bermuda. Journal of Agriculture of the University of Puerto Rico 40 (3): 189–202.
Snyder, T.E. 1957a. A new *Neotermes* from Panama (Isoptera, Kalotermitidae). Proceedings of the Entomological Society of Washington 58 (6) [1956]: 352.
Snyder, T.E. 1957b. A new *Rugitermes* from Bolivia (Isoptera, Kalotermitidae). Proceedings of the Entomological Society of Washington 59 (2): 81–82.
Snyder, T.E. 1958. Two new *Glyptotermes* from the Philippines (Isoptera, Kalotermitidae). Proceedings of the Entomological Society of Washington 60 (5): 229–231.

Snyder, T.E. 1959a. New termites from Venezuela, with keys and a list of the described Venezuelan species. American Midland Naturalist 61 (2): 313–321.

Snyder, T.E. 1959b. [Northward spread of *Reticulitermes* species in the United States and Europe]. Proceedings of the Entomological Society of Washington 61 (1): 40.

Snyder, T.E. 1960. Fossil termites from Tertiary amber of Chiapas, Mexico. Journal of Paleontology 34 (3): 493–494.

Snyder, T.E. 1961. Supplement to the annotated, subject-headed bibliography of termites 1955–1960. Smithsonian Miscellaneous Collections 143 (3): 1–137.

Snyder, T.E. 1968. Second supplement to the annotated, subject-headed bibliography of termites 1961–1965. Smithsonian Miscellaneous Collections 152 (3): 1–188.

Snyder, T.E., and A.E. Emerson. 1949a. [New names, new species]. *In* T.E. Snyder, Catalog of the termites (Isoptera) of the world: 20–282. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Snyder, T.E., and A.E. Emerson. 1949b. Descriptions of new genera. *In* T.E. Snyder, Catalog of the termites (Isoptera) of the world: 374–378. Smithsonian Miscellaneous Collections 112 (3953): 1–490.

Snyder, T.E., and F.C. Francia. 1962. A summary of Philippine termites with supplementary biological notes. Philippine Journal of Science 89 (1): 63–77.

Snyder, T.E., and E.P. Popenoe. 1932. The founding of new colonies by *Reticulitermes flavipes* Kollar. Proceedings of the Biological Society of Washington 45: 153–158.

Snyder, T.E., and J. Zetek. 1924. Damage by termites in the Canal Zone and Panama and how to prevent it. United States Department of Agriculture Bulletin 1232: 1–26.

Snyder, T.E., and J. Zetek. 1934. The termite fauna of the Canal Zone, Panama, and its economic significance. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 342–346. Berkeley: University of California Press, xxvii + [1] + 795 pp.

Soares, H.X., and A.M. Costa-Leonardo. 2002. Survey of the leg exocrine glands in termites (Isoptera). Revista Brasileira de Entomologia 46 (1): 1–6.

Šobotník, J., and J. Hubert. 2003. The morphology and ontogeny of the exocrine glands of *Prorhinotermes simplex* (Isoptera: Rhinotermitidae). Acta Societatis Zoologicae Bohemicae 67: 83–98.

Šobotník, J., and F. Weyda. 2003. Ultrastructural ontogeny of the labial gland apparatus in termite *Prorhinotermes simplex* Isoptera, Rhinotermitidae). Arthropod Structure and Development 31: 255–270.

Šobotník, J., F. Weyda, and R. Hanus. 2003. Ultrastructure of epidermal glands in neotenic reproductives of the termite *Prorhinotermes simplex* (Isoptera: Rhinotermitidae). Arthropod Structure and Development 32: 201–208.

Šobotník, J., F. Weyda, R. Hanus, P. Kyjaková, and J. Doubsky. 2004. Ultrastructure of the frontal gland in *Prorhinotermes simplex* (Isoptera: Rhinotermitidae) and quantity of the defensive substance. European Journal of Entomology 101: 153–163.

Šobotník, J., F. Weyda, and R. Hanus. 2005. Ultrastructural study of tergal and posterior sternal glands in *Prorhinotermes simplex* (Isoptera: Rhinotermitidae). European Journal of Entomology 102: 81–88.

Šobotník, J., F. Weyda, R. Hanus, J. Cvačka, and J. Nebesářová. 2006. Fat body of *Prorhinotermes simplex* (Isoptera: Rhinotermitidae): ultrastructure, inter-caste differences and lipid composition. Micron 37: 648–656.

Šobotník, J., R. Hanus, and Y. Roisin. 2008a. Agonistic behavior of the termite *Prorhinotermes canalifrons* (Isoptera: Rhinotermitidae). Journal of Insect Behavior 21: 521–534.

Šobotník, J., R. Hanus, B. Kalinová, R. Piskorski, J. Cvačka, T. Bourguignon, and Y. Roisin. 2008b. (*E,E*)-α-Farnesene, an alarm pheromone of the termite *Prorhinotermes canalifrons*. Journal of Chemical Ecology 34: 478–486.

Šobotník, J., T. Bourguignon, R. Hanus, F. Weyda, and Y. Roisin. 2010a. Structure and function of defensive glands in soldiers of *Glossotermes oculatus* (Isoptera: Serritermitidae). Biological Journal of the Linnean Society 99: 839–848.

Šobotník, J., D. Sillam-Dussès, F. Weyda, A. Dejean, Y. Roisin, R. Hanus, and T. Bourguignon. 2010b. The frontal gland in workers of Neotropical soldierless termites. Naturwissenschaften 97: 495–503.

Šobotník, J., A. Jirosova and R. Hanus. 2010c. Chemical warfare in termites. Journal of Insect Physiology 56: 1012–1021.

Šobotník, J., T. Bourguignon, R. Hanus, D. Sillam-Dusses, J. Pflegerova, F. Weyda, K. Kutalova, B. Vytiskova, and Y. Roisin. 2010d. Not only soldiers have weapons: evolution of the frontal gland in imagoes of the termite families Rhinotermitidae and Serritermitidae. PLoS One 5 (12): e15761, 1–7.

Soki, K., and G. Josens. 1996. Mound population fluctuations in *Cubitermes speciosus* (Sjöstedt) (Isoptera, Termitidae). Sociobiology 27 (1): 11–28.

Soki, K., G. Josens, and M. Loreau. 1996. Growth and demography of *Cubitermes speciosus* mounds (Isoptera, Termitidae). Insectes Sociaux 43 (2): 189–200.

Soltani-Mazouni, N., and C. Bordereau. 1987. Changes in the cuticle, ovaries and colleterial glands during the pseudergate and neotenic molt in *Kalotermes flavicollis* (Fabr.) (Isoptera: Kalotermitidae). International Journal of Insect Morphology and Embryology 16 (3–4): 221–235.

Somadikarta, S., S. Kadarsan, and M. Djajasasmita. 1968. Primary type specimens of the Museum Zoologicum Bogoriense (IV). Treubia 27 (2–3): 165–173.

Song, D., X.P. Hu, and N.-Y. Su. 2006. Survivorship, cannibalism, body weight loss, necrophagy, and entombment in laboratory groups of the Formosan subterranean termite, *Coptotermes formosanus* under starvation. Sociobiology 47 (1): 27–39.

Sörensen, W. 1884. Træk af nogle sydamerikanske insecters biologi. Entomologisk Tidskrift 5 (1): 1–25 + 1 pl.

Sornnuwat, Y., K. Tsunoda, T. Yoshimura, M. Takahashi, and C. Vongkaluang. 1996. Foraging populations of *Coptotermes gestroi* (Isoptera: Rhinotermitidae) in an urban area. Journal of Economic Entomology 89 (6): 1485–1490.

Sornnuwat, Y., C. Vongkaluang, and Y. Takematsu. 2004. A systematic key to the termites of Thailand. Kasetsart Journal (Natural Science) 38 (3): 349–368.

Souto, L., and K. Kitayama. 2000. *Constrictotermes cyphergaster* (Isoptera: Termitidae: Nasutitermitinae) maintain foraging traits for a longer period by means of fecal droplets. Sociobiology 35 (3): 367–372.

Souto, L., K. Kitayama, J.D. Hay, and I. Icuma. 1999. Observations on initial foraging strategies of *Constrictotermes cyphergaster* (Isoptera: Termitidae; Nasutitermitinae) on a two dimensional surface. Sociobiology 34 (3): 619–624.

Soyunov, O. 1973. Distribution by habitat of *Anacanthotermes ahngerianus* in southwestern Turkmenia. *In* A.O. Tashliev, A.N. Luppova, and K. Cacaliev (editors), Study of termites and development of anti-termite measures: 37–48. Ashkhabad, Turkmenistan: Institute of Zoology, Akademiya Nauk Turkmenskoi SSR, 216 pp. [in Russian]

Soyunov, O., A. Yagdiev, K. Saparrliev, and G. Taimova. 1973. Structure of the nest of *Anacanthotermes ahngerianus* in south-western Turkmenia. *In* A.O. Tashliev, A.N. Luppova, and K. Cacaliev (editors), Study of termites and development of anti-termite measures: 70–78. Ashkhabad, Turkmenistan: Institute of Zoology, Akademiya Nauk Turkmenskoi SSR, 216 pp. [in Russian]

Spaeth, V.A. 1964. Three new species of termites from Israel (Termitidae: Amitermitinae). Israel Journal of Zoology 13: 27–33.

Spaeth, V.A. 1967. Phylogeny of the new termite genus *Terrenitermes* from Hispaniola (Isoptera: Termitidae: Nasutitermitinae). Annals of the Entomological Society of America 60 (4): 849–854.

Spaeth, V.A. 1982. Relationships of eight species of Greater Antillean and Bahaman termites. Ph.D. dissertation, University of Wisconsin, Madison, 290 pp.

Spahr, U. 1992. Ergänzungen und Berichtigungen zu R. Keilbachs Bibliographie und Liste der Bernsteinfossilien—Klasse Insecta [ausgenommen: "Apterygota," Hemipteroidea, Coleoptera, Hymenoptera, Mecopteroidea]. Stuttgarter Beiträge zur Naturkunde, Serie B, Geologie und Paläontologie 182: 1–102.

Spain, A.V., T. Okello-Oloya, and R.D. John. 1983. Orientation of the termitaria of two species of *Amitermes* (Isoptera: Termitinae) from northern Queensland. Australian Journal of Zoology 31: 167–177.

Spain, A.V., D.F. Sinclair, and P.J. Diggle. 1986. Spatial distribution of the mounds of harvester and forager terrmites (Isoptera: Termitidae) at four locations in tropical north-eastern Australia. Acta Oecologica Oecologia Generalis 7 (4): 335–352.

Spencer, G.J. 1937. The termite situation in British Columbia in 1936. Proceedings of the Entomological Society of British Columbia 33: 42–43.

Spencer, G.J. 1945. On the incidence, density and decline of certain insects in British Columbia. Proceedings of the Entomological Society of British Columbia 42: 19–23.

Spencer, G.J. 1958. The insects attacking structural timbers and furniture in homes in coastal British Columbia. Proceedings of the Entomological Society of British Columbia 55: 8–13.

Sphon, G.G. 1973. Additional type specimens of fossil Invertebrata in the collections of the Natural History Museum of Los Angeles County. Contributions in Science, Los Angeles 250: 1–75.

Sponsler, R.C., and A.G. Appel. 1991. Temperature tolerances of the Formosan and eastern subterranean termites (Isoptera: Rhinotermitidae). Journal of Thermal Biology 16 (1): 41–44.
Sponsler, R.C., K.S. Jordan, and A.G. Appel. 1988. New distribution record of the Formosan subterranean termite, *Coptotermes formosanus* (Isoptera: Rhinotermitidae), in Auburn, Alabama. Entomological News 99 (2): 87–89.
Spragg, W.T., and R.E. Fox. 1974. The use of a radioactive tracer to study the nesting system of *Mastotermes darwiniensis* Froggatt. Insectes Sociaux 21 (3): 309–316.
Spragg, W.T., and R. Paton. 1980. Tracing, trophallaxis and population measurement of colonies of subterranean termites (Isoptera) using a radioactive tracer. Annals of the Entomological Society of America 73 (6): 708–714.
Springhetti, A. 1952. Le vescicole seminali in *Mastotermes* e in *Macrotermes.* Rendiconti del Istituto Lombardo di Scienze e Lettere, Classe di Scienze 85: 1–4.
Springhetti, A. 1953. Le vescicole seminali in *Zootermopsis* e in *Blattella.* Rendiconti del Istituto Lombardo di Scienze e Lettere, Classe di Scienze 86: 48–52.
Springhetti, A. 1957. Ghiandiole tentoriali (ventrali, protoraciche) e corpora allata in *Kalotermes flavicollis* Fabr. Symposia Genetica et Biologica Italica 5: 333–349.
Springhetti, A. 1960. Sull'apparato genitale maschile di *Reticulitermes.* Insectes Sociaux 7 (4): 378–382.
Springhetti, A. 1963. Anomalie morfologiche nel *Kalotermes flavicollis* Fabr. Bollettino della Società Entomologica Italiana 93 (9–10): 155–159.
Springhetti, A. 1964a. II. Problema della sterilita nei soldati maschi di *Kalotermes flavicollis* Fabr. Symposia Genetica et Biologica Italica 13: 271–280.
Springhetti, A. 1964b. Sulla struttura delle vescicole seminali delle termiti. Atti dell'Accademia Nazionale Italiana di Entomologia Rendiconti 11 [1963]: 212–220.
Springhetti, A. 1965. L'infestazione di "*Reticulitermes lucifugus*" Rossi a Salsomaggiore (Parma). Bollettino dell'Istituto di Patologia del Libro 24 (1–4): 165–178.
Springhetti, A. 1967. Incroci tra reali di alcune popolazioni Italiane de *Kalotermes flavicollis* Fabr. Annali dell'Università di Ferrara (Nuova Serie), Sezione Biologia 3 (2): 11–17.
Springhetti, A. 1968a. La fertilita dei reali di sostituzione di *Kalotermes flavicollis* Fabr. (Isoptera). Annali dell'Università di Ferrara (Nuova Serie), Sezione Biologia 3 (5): 49–64.
Springhetti, A. 1968b. Produzione di reali di sostituzione in popolazioni di differenti regioni Italiane di *Kalotermes flavicollis* Fabr. Archivio Zoologico Italiano 53: 1–10.
Springhetti, A. 1968c. Sulla diffusione delle termiti in Campania. Bollettino dell'Istituto di Patologia del Libro 27 (1–2): 49–59.
Springhetti, A. 1968d. L'introduzione accidentale de termiti nei paesi europei. Bollettino dell'Istituto di Patologia del Libro 27: 201–205.
Springhetti, A. 1969. II. Controllo sociale della differenziazione degli alati in *Kalotermes flavicollis* Fabr. (Isoptera). Annali dell'Università di Ferrara (Nuova Serie), Sezione Biologia 3 (7): 73–96.
Springhetti, A. 1970. Influence of the king and queen on the differentiation of soldiers in *Kalotermes flavicollis* Fabr. (Isoptera). Monitore Zoologico Italiano (n.s.) 4: 99–105.
Springhetti, A. 1971. Il controllo dei reali sulla differenziazione degli alati in *Kalotermes flavicollis* Fabr. (Isoptera). Bollettino di Zoologia 38 (2): 101–110.
Springhetti, A. 1972a. I feromoni nella differenziazione delle caste di *Kalotermes flavicollis* Fabr. (Isoptera). Bollettino di Zoologia 39 (1): 83–87.
Springhetti, A. 1972b. The competence of *Kalotermes flavicollis* Fabr. (Isoptera) pseudergates to differentiate into soldiers. Monitore Zoologico Italiano (n.s.) 6: 97–111.
Springhetti, A. 1973a. Il ruolo delle pseudergati nella differenziazione dei soldati di *Kalotermes flavicollis* Fabr. (Isoptera). Atti della Accademia delle Science di Ferrara 50: 1–15.
Springhetti, A. 1973b. Group effects in the differentiation of the soldiers of *Kalotermes flavicollis* Fabr. (Isoptera). Insectes Sociaux 20 (4): 333–342.
Springhetti, A. 1975. Pseudergates' responsiveness and the differentiation of soldiers in *Kalotermes flavicollis* Fabr. (Isoptera). Monitore Zoologico Italiano (n.s.) 9: 11–23.
Springhetti, A. 1979. Fenomeni di allometria nei soldati di *Kalotermes flavicollis* Fabr. (Isoptera). Memorie della Società Entomologica Italiana 57 [1978]: 19–28.
Springhetti, A. 1980. A "royal area" in the nest of *Kalotermes flavicollis* Fabr. (Isoptera). Monitore Zoologico Italiano (n.s.) 14: 53–61.

Springhetti, A. 1985. The function of the royal pair in the society of *Kalotermes flavicollis* (Fabr.) (Isoptera: Kalotermitidae). *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 165–175. Oxford: Pergamon Press, xiv + 405 pp.

Springhetti, A. 1986. Royal pair's influence on the aggressiveness of pseudergates of *Kalotermes flavicollis* Fabr. (Isoptera). Monitore Zoologico Italiano (n.s.) 20: 17–23.

Springhetti, A., and M. Amorelli. 1981. Behaviour of *Kalotermes flavicollis* Fabr. pseudergates (Isoptera) toward insects of other species. Bollettino dell'Istituto di Entomologia della Università degli Studi di Bologna 36: 133–139.

Springhetti, A., and M. Amorelli. 1982. Competitive behavior between two species of Isoptera: *Kalotermes flavicollis* (Kalotermitidae) and *Reticulitermes lucifugus* (Rhinotermitidae). Sociobiology 7 (2): 155–164.

Springhetti, A., and P. Oddone. 1962a. Sulla formazione di oociti nel testicolo di un soldato di *Kalotermes flavicollis* Fabr. Symposia Genetica et Biologica Italica 9: 1–9.

Springhetti, A., and P. Oddone. 1962b. Funzionalità dell'apparato genitale maschile in caste diverse di alcune termiti primitave. Symposia Genetica et Biologica Italica 11: 311–334.

Springhetti, A., and P. Oddone. 1963. Sugli organi genitali maschili delle Rhinotermitidae (Isoptera). Insectes Sociaux 10 (2): 143–152.

Springhetti, A., and P. Oddone. 1964. Sull'apparato genitale maschile delle Kalotermitidae e delle Termopsidae (Isoptera). Symposia Genetica et Biologica Italica 13: 146–156.

Springhetti, A., and R. Rossi. 1983. A biometric study of the morphogenesis of soldiers and intercastes of *Kalotermes flavicollis* Fabr. (Isoptera). Monitore Zoologico Italiano (n.s.) 17: 143–151.

Springhetti, A., and T. Sapigni. 1984. Are there trophallactic exchanges among pseudergates of different species of termites? (Isoptera: Rhinotermitidae and Kalotermitidae). Sociobiology 9 (1): 1–7.

Springhetti, A., and T. Sapigni. 1990. Trophallaxis between *Reticulitermes lucifugus* and *Kalotermes flavicollis* (Isoptera). Sociobiology 17 (2): 245–258.

Springhetti, A., and E. Sita. 1986. Prime fasi della ricostruzione del nido di *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae) (nota preliminare). Redia 69: 11–23.

Springhetti, A., and E. Sita. 1989a. Digging behaviour and royal pair's influence in *Kalotermes flavicollis* (Isoptera, Kalotermitidae). Bollettino di Zoologia 56: 55–59.

Springhetti, A., and E. Sita. 1989b. Influence of reproductives on tunneling behaviour in *Kalotermes flavicollis* Fabr. (Isoptera: Kalotermitidae). Insectes Sociaux 36 (1): 70–73.

Stansly, P.A. 1987. Parthénogenèse chez *Velocitermes* spp. (Isoptera: Nasutitermitinae). Comptes Rendus de l'Académie des Sciences Serie III, Sciences de la Vie 304 (17): 457–460.

Stansly, P.A., and A.K. Korman. 1993. Parthenogenetic development in *Velocitermes* spp. (Isoptera: Nasutitermitinae). Sociobiology 23 (1): 13–24.

Starr, C.K. 1979. Origin and evolution of insect sociality: a review of modern theory. *In* H.R. Hermann (editor), Social insects. Vol. 1: 35–79. New York: Academic Press, xv + 437 pp.

Starr, C.K. 1991. Social insects in Taiwan. Taichung, Taiwan: National Museum of Natural Science, 64 pp.

Statz, G. 1930. Drei neue Insektenarten aus dem Tertiär von Rott am Siebengebirge. Wissenschaftliche Mitteilungen des Vereins für Naturkunde und Heimatkunde in Köln 1: 10–14.

Statz, G. 1939. Geradflügler und Wasserkäfer der Oligocänen Ablagerungen von Rott. Decheniana 99A: 1–104.

Statz, G. 1941. Termiten aus dem rheinischen Braunkohlwalde. Umschau 45 (1): 7–11.

Stebbing, E.P. 1904. Insect life in India and how to study it. Part II. Journal of the Bombay Natural History Society 15 (3): 375–386.

Stehr, F.W. (editor). 1987. Immature insects. Vol. 1. Dubuque, IA: Kendall/Hunt Publishing Co., xiv + 754 pp.

Steinberg, D.M. 1962. Termites of the U.S.S.R. and the level of their study. *In* D.M. Steinberg and A.N. Luppova (editors), First all union conference for the study of the termites of U.S.S.R. and elaboration of their control measures: 11–16. Ashkabad, Turkmenistan: Academy of Sciences of Turkmenia, 115 pp. [in Russian]

Steinmiller, B., S. Kambhampati, and B.L. Brock. 2001. Geographic distribution of, and genetic variation in, the wood roach *Cryptocercus* (Dictyoptera: Cryptocercidae) in the United States. Annals of the Entomological Society of America 94 (5): 732–742.

Stella, E. 1939a. Studi sulle termiti: 1º—Comportamento citologico delle gonadi in operai de *Reticulitermes lucifugus* Rossi. Rivista di Biologia Coloniale 2 (2): 81–95.

Stella, E. 1939b. Studi sulle termiti: 4º—Alcuni dati citologici sulle gonadi di soldati di *Bellicositermes bellicosus* (Smeath.). Rivista di Biologia Coloniale 2 (4): 255–262.

Stephens, J.F. 1829. A systematic catalogue of British insects: being an attempt to arrange all the hitherto discovered indigenous insects in accordance with their natural affinities. Containing also the references to every English writer on entomology, and to the principal foreign authors. With all the published British genera to the present time. London: Baldwin and Cradock, xxxiv + 416 pp.

Stephens, J.F. 1836. Illustrations of British entomology; or, a synopsis of indigenous insects: containing their generic and specific distictions; with an account of their metamorphoses, times of appearance, localities, food, and economy, as far as practicable (Mandibulata). Vol. 6. London: Baldwin and Cradock, 57–240 pp. + 34 pls.

Stephens, J.M. 1983. The termites (Isoptera) of Sable Park, Kwekwe, Zimbabwe. Arnoldia Zimbabwe 9 (9): 125–144.

Sterzel, T. 1881. Über zwei neue Insektenarten aus dem Karbon von Lugau. Bericht der Naturwissenschaftlichen Gesellschaft zu Chemnitz 7: 271–276.

Steward, R.C. 1982. Comparison of the behavioural and physiological responses to humidity of five species of dry-wood termites, *Coptotermes* species. Physiological Entomology 7 (1): 71–82.

Steward, R.C. 1983a. Microclimate and colony foundation by imago and neotenic reproductives of dry-wood termite species (*Cryptotermes* sp.) (Isoptera: Kalotermitidae). Sociobiology 7 (3): 311–331.

Steward, R.C. 1983b. The effects of humidity, temperature and acclimation on the feeding, water balance and reproduction of dry-wood termites (*Cryptotermes*). Entomologia Experimentalis et Applicata 33: 135–144.

Stewart, A.D., and M.P. Zalucki. 2006a. Developmental pathways in *Microcerotermes turneri* (Termitidae: Termitinae): biometric descriptors of worker caste and instar. Sociobiology 48 (3): 727–740.

Stewart, A.D., and M.P. Zalucki. 2006b. Polyethism and comparability of termite choice assays in a model system using *Microcerotermes turneri* (Termitidae: Termitinae): implications for standardized testing techniques. Sociobiology 48 (3): 741–758.

Stokes, A.C. 1893. The sense-organs on the legs of our white ants, *Termes flavipes,* Koll. Science 22 (563): 273–276.

Stone, B. 1950. "*Lagena samanica*" Berry. Micropaleontologist 4 (2): 17.

Stone, B. 1951. *Lagena samanica* Berry, a synonym. Contributions from the Cushman Foundation for Foraminiferal Research 2 (4): 139.

Storozhenko, S.Y. 1986. Order Isoptera—Termites. *In* P.A. Ler (editor), Identification of insects of the Far East of the USSR in 6 Vols. Apterygota and Palaeoptera with incomplete metamorphosis. Vol. 1: 28–29, 170–171. Leningrad [St. Petersburg]: Nauka Press, 451 + [5] pp. [in Russian]

Strelnikov, J. 1920. Termites of Paraguay, Matto Grosso (Brazil) and Chiquitos (Bolivia). Bulletin de l'Institut Scientifique de St. Petersbourg (de l'Institut Leschaft Petrograd) 1: 215–226. [in Russian]

Strickland [Collins], M. 1950. Differences in toleration of drying between species of termites (*Reticulitermes*). Ecology 31 (3): 373–385.

Striebel, H. 1960. Zur Embryonalentwicklung der Termiten. Acta Tropica 17 (3): 193–260.

Strong, K.L., and J.K. Grace. 1993. Low allozyme variation in Formosan subterranean termite (Isoptera: Rhinotermitidae) colonies in Hawaii. Pan-Pacific Entomologist 69 (1): 51–56.

Stroud, C.P. 1953. An application of factor analysis to the systematics of *Kalotermes.* Systematic Zoology 2 (2): 76–92.

Stuart, A.M. 1961. Mechanism of trail-laying in two species of termites. Nature 189 (4762): 419.

Stuart, A.M. 1963a. Origin of the trail in the termites *Nasutitermes corniger* (Motschulsky) and *Zootermopsis nevadensis* (Hagen), Isoptera. Physiological Zoology 36 (1): 69–84.

Stuart, A.M. 1963b. Studies on the communication of alarm in the termite *Zootermopsis nevadensis* (Hagen), Isoptera. Physiological Zoology 36 (1): 85–96.

Stuart, A.M. 1964. The structure and function of the sternal gland in *Zootermopsis nevadensis* (Isoptera). Proceedings of the Zoological Society of London 143 (1): 43–52.

Stuart, A.M. 1967. Alarm, defense, and construction behavior relationships in termites (Isoptera). Science 156 (3778): 1123–1125.

Stuart, A.M. 1969. Social behavior and communication. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 193–232. New York: Academic Press, xiii + 598 pp.

Stuart, A.M. 1972. Behavioral regulatory mechanisms in the social homeostasis of termites (Isoptera). American Zoologist 12: 589–594.

Stuart, A.M. 1979. The determination and regulation of the neotenic reproducive caste in the lower termites (Isoptera): with special reference to the genus *Zootermopsis* (Hagen). Sociobiology 4 (2): 223–237.

Stuart, A.M. 1988. Preliminary studies on the significance of head-banging movements in termites with special reference to *Zootermopsis angusticollis* (Hagen) (Isoptera: Hodotermitidae). Sociobiology 14 (1): 49–60.

Stuart, A.M. 1990. Some functional and evolutionary aspects of mechanical and chemical communication in termites. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 35–36. Leiden: E.J. Brill, xxxi + 765 pp.

Stumper, R. 1923. Sur la composition chimique des nids de l'*Apicotermes occultus* Silv. Comptes Rendus des Séances de l'Académie des Sciences 177: 409–411.

Stumper, R. 1924. Une termitière singulière. Nature (Paris) 52 (1): 351–352.

Štys, P., and J. Šobotník. 1999. Comments on classifications of insect ontogenies, and occurrence of proneometabolous wing development in termite genus *Prorhinotermes* (Hexapoda: Isoptera). Acta Societatis Zoologicae Bohemicae 63: 483–492.

Su, N.-Y. 2001. Studies on the foraging of subterranean termites (Isoptera). Sociobiology 37 (2): 253–260.

Su, N.-Y. 2002. Dimensionally stable sensors for a continuous monitoring program to detect subterranean termite (Isoptera: Rhinotermitidae) activity. Journal of Economic Entomology 95 (5): 975–980.

Su, N.-Y. 2003. Overview of the global distribution and control of the Formosan subterranean termite. Sociobiology 41 (1): 7–16.

Su, N.-Y., and M.I. Haverty. 1991. Agonistic behavior among colonies of the Formosan subterranean termite, *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae), from Florida and Hawaii: lack of correlation with cuticular hydrocarbon composition. Journal of Insect Behavior 4 (1): 115–128.

Su, N.-Y., and J.P. La Fage. 1987. Initiation of worker-soldier trophallaxis by the Formosan subterranean termite (Isoptera: Rhinotermitidae). Insectes Sociaux 34 (4): 229–235.

Su, N.-Y., and J.P. La Fage. 1999. Forager proportions and caste compositions of colonies of the Formosan subterranean termite (Isoptera: Rhinotermitidae) restricted to cypress trees in the Calcasieu River, Lake Charles, Louisiana. Sociobiology 33 (2): 185–193.

Su, N.-Y., and H. Puche. 2001. Tunnel formation by *Reticulitermes flavipes* and *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in response to wood in sand. Journal of Economic Entomology 94 (6): 1398–1404.

Su, N.-Y., and H. Puche. 2003. Tunneling activity of subterranean termites (Isoptera: Rhinotermitidae) in sand with moisture gradients. Journal of Economic Entomology 96 (1): 88–93.

Su, N.-Y., and R.H. Scheffrahn. 1987a. Current status of the Formosan subterranean termite in Florida. *In* M. Tamashiro and N.-Y. Su (editors), Biology and control of the Formosan subterranean termite: proceedings of the international symposium on the Formosan subterranean termite, 67th meeting of the Pacific Branch, Entomological Society of America, Honolulu, Hawaii, 1985: 27–30. Honolulu: College of Tropical Agriculture and Human Resources, University of Hawaii, 61 pp.

Su, N.-Y., and R.H. Scheffrahn. 1987b. Alate production of a field colony of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Sociobiology 13 (3): 209–215.

Su, N.-Y., and R.H. Scheffrahn. 1988a. Intra- and interspecific competition of the Formosan and the Eastern subterranean termite: evidence from field observations (Isoptera: Rhinotermitidae). Sociobiology 14 (1): 157–164.

Su, N.-Y., and R.H. Scheffrahn. 1988b. Foraging population and territory of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in an urban environment. Sociobiology 14 (2): 353–359.

Su, N.-Y., and R.H. Scheffrahn. 1990. Economically important termites in the United States and their control. Sociobiology 17 (1): 77–94.

Su, N.-Y., and R.H. Scheffrahn. 1998. *Coptotermes vastator* Light (Isoptera: Rhinotermitidae) in Guam. Proceedings of the Hawaiian Entomological Society 33: 13–18.

Su, N.-Y., and R.H. Scheffrahn. 2000. Termites as pests of buildings. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 437–453. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Su, N.-Y., and P.N. Scherer. 2003. Feeding site selection by workers of the Formosan subterranean termite *Coptotermes formosanus* (Isoptera: Rhinotermitidae)—a re-analysis of field data from a mark-recapture study. Bulletin of Entomological Research 93: 467–473.

Su, N.-Y., and M. Tamashiro. 1987. An overview of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in the world. *In* M. Tamashiro and N.-Y. Su (editors), Biology and control of the Formosan subterranean termite: proceedings of the international symposium on the Formosan subterranean termite, 67th meeting of the

Pacific Branch, Entomological Society of America, Honolulu, Hawaii, 1985: 3–15. Honolulu: College of Tropical Agriculture and Human Resources, University of Hawaii, 61 pp.

Su., N.-Y., and M. Tamashiro. 1990. An overview of the Formosan subterranean Termite (Isoptera: Rhinotermitidae) in the World. House and household insect pests 12 (2): 3–15. [in Japanese, with English title and refrences: translation by K. Yamano of Su and Tamashiro, 1987]

Su, N.-Y., M. Tamashiro, J.R. Yates, and M.I. Haverty. 1984. Foraging behavior of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Environmental Entomology 13: 1466–1470.

Su, N.-Y., P.M. Ban, and R.H. Scheffrahn. 1993. Foraging populations and territories of the Eastern subterranean termite (Isoptera: Rhinotermitidae) in southeastern Florida. Environmental Entomology 22 (5): 1113–1117.

Su, N.-Y., R.H. Scheffrahn, and T. Weissling. 1997. A new introduction of a subterranean termite, *Coptotermes havilandi* Holmgren (Isoptera: Rhinotermitinae) in Miami, Florida. Florida Entomologist 80 (3): 408–411.

Su, N.-Y., B.M. Stith, H. Puche, and P. Bardunias. 2004. Characterization of tunneling geometry of subterranean termites (Isoptera: Rhinotermitidae) by computer simulation. Sociobiology 44 (3): 471–483.

Su, N.-Y., W. Ye, R. Ripa, R.H. Scheffrahn, and R.M. Giblin-Davis. 2006. Identification of Chilean *Reticulitermes* (Isoptera: Rhinotermitidae) inferred from three mitochondrial gene DNA sequences and soldier morphology. Annals of the Entomological Society of America 99 (2): 352–363.

Su, X.-H., G.S. Xi, and K. Li. 2004. Immunocytochemical localization of gonadotropins in termite brains. Acta Zoologica Sinica 50 (2): 240–244. [in Chinese, with English title, abstract, legend and bibliography]

Suárez, M.E., and B.L. Thorne. 2000a. Rate, amount, and distribution pattern of alimentary fluid transfer via trophallaxis in three species of termites (Isoptera: Rhinotermitidae, Termopsidae). Annals of the Entomological Society of America 93 (1): 145–155.

Suárez, M.E., and B.L. Thorne. 2000b. Effects of food type and foraging distance on trophallaxis in the subterranean termite *Reticulitermes virginicus* (Isoptera: Rhinotermitidae). Sociobiology 35 (3): 487–498.

Sudderuddin, K.I. 1984. Entomological survey. *In* E. Soepadmo, F.-W. Fong, B.-H. Kiew, M. Zakaria Ismail, and K.I. Sudderuddin (editors), An ecological survey of Lambir Hill National Park, Sarawak: 63–70. University of Malaya, Kuala Lumpur, Malaysia, 83 pp.

Sudhakar, K., and G.K. Veeresh. 1988. Swarming patterns of different species of termites in an agroforest ecosystem. Journal of Soil Biology and Ecology 8 (2): 137–139.

Sudhakar, K., and G.K. Veeresh. 1992. Foraging habits and nest structure of *Macrotermes estherae* Desneux (Isoptera: Termitidae). Journal of the Bombay Natural History Society 89 (2): 180–183.

Suehiro, A. 1960. Insects and other arthropods from Midway Atoll. Proceedings of the Hawaiian Entomological Society 17 (2): 289–298.

Suess, H., and G. Schultze-Dewitz. 1987. Fossilized feeding pattern of termites on wood remainders of the Tertiary carbon formation of Staré Sedlo (CSSR). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 615–616. Munich: J. Peperny, xxxv + 16 + 757 pp.

Sugimoto, A., T. Inoue, I. Tayasu, E. Wada, and T. Abe. 1995. Methane emission from different castes of termites in Narathiwat, Thailand. Tropics 4 (2–3): 253–257.

Sugimoto, A., T. Inoue, I. Tayasu, L. Miller, S. Takeichi, and T. Abe. 1997. Methane and hydrogen productions in termite-symbiont systems. *In* T. Abe, N. Kirtibutr, and J.A. Holt (editors), Global diversification of termites—its pattern and causal mechanism: 185–225. Kyoto: Japanese Ministry of Education, Science, Sports, and Culture, iv + 377 pp.

Sugimoto, A., T. Inoue, I. Tayasu, L. Miller, S. Takeichi, and T. Abe. 1998. Methane and hydrogen production in a termite-symbiont system. Ecological Research 13: 241–257.

Sugimoto, A., D.E. Bignell, and J.A. MacDonald. 2000. Global impact of termites on the carbon cycle and atmospheric trace gases. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 409–435. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Sugio, K. 1995. Trunk trail foraging of the fungus-growing termite *Macrotermes carbonarius* (Hagen) in southeastern Thailand. Tropics 4 (2–3): 211–222.

Sugio, K., K. Shimojo, J. Isozaki, W. Itosu, A. Tsuha, S. Kakazu, and G. Tokuda. 2006. Distribution of cellulase activity in the salivary glands and the guts of pseudoworkers and soldiers of the drywood-feeding termite *Neotermes koshunensis* (Shiraki) and the effect of defaunation. Japanese Journal of Applied Entomology and Zoology 41 (1): 1–6. [in Japanese, with English title, abstract, and reference list]

Sumner, E.C. 1933. The species of the termite genus *Zootermopsis* Emerson (= *Termopsis* Hagen). University of California Publications in Entomology 6 (7): 197–229.

Sun, J.-Z., M.E. Lockwood, and J.L. Etheridge. 2006. Evaluation of the preferences of dealates of *Coptotermes formosanus* (Isoptera: Rhinotermitidae) among landscape mulches. Sociobiology 48 (1): 85–99.

Sun, J.-Z., M.E. Lockwood, J.L. Etheridge, J. Carroll, C.Z. Hollomon, C.E.H. Coker, and P.R. Knight. 2007. Distribution of Formosan subterranean termite (Isoptera: Rhinotermitidae) in Mississippi. Journal of Economic Entomology 100 (4): 1400–1408.

Sutherland, J. 1934. Notes on the histology of the alimentary canal in some Australian termites. Proceedings of the Royal Society of Victoria (n.s.) 47 (1): 1–13.

Swezey, O.H. 1931. *Coptotermes formosanus* Shiraki. Proceedings of the Hawaiian Entomological Society 7 (3): 483.

Swezey, O.H. 1945. Insects associated with orchids. Proceedings of the Hawaiian Entomological Society 12 (2): 343–403.

Swezey, O.H. 1954. Forest entomology in Hawaii: an annotated check-list of the insect faunas of the various components of the Hawaiian forests. Bernice P. Bishop Museum Special Publications 44: ix + 1–266.

Syaukani, [S.]. 2008. A new species of *Lacessititermes* (Isoptera, Termitidae, Nasutitermitinae) from the Mentawai Islands, Indonesia. Sociobiology 52 (3): 459–469.

Syaukani, [S.], G.J. Thompson, and S. Yamane. 2011. *Hospitalitermes krishnai,* a new nasute termite (Nasutitermitinae, Termitidae, Isoptera), from southern Sumatra, Indonesia. ZooKeys 148: 161–169.

Syaukani, [S.], and G.J. Thompson. 2011. Taxonomic notes on *Nasutitermes* and *Bulbitermes* (Termitidae, Nasutitermitinae) from the Sunda region of Southeast Asia based on morphological and molecular characters. ZooKeys 148: 135–160.

Sylvester-Bradley, R., A.G. Bandeira, and L.A. de Oliveira. 1978. Fixação de nitrogênio (redução de acetileno) em cupins (Insecta: Isoptera) da Amazônia Central. Acta Amazonica 8 (4): 621–627.

Sylvester-Bradley, R., L.A. de Oliveira, and A.G. Bandeira. 1983. Nitrogen fixation in *Nasutitermes* in central Amazonia. *In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico November, 1980. Vol. 2: 235–244. Paris: Université Paris-Nord, 252 pp.

Syren, R.M., and P. Luykx. 1977. Permanent segmental interchange complex in the termite *Incisitermes schwarzi.* Nature 266 (5597): 167–168.

Syren, R.M., and P. Luykx. 1981. Geographic variation of sex-linked translocation heterozygosity in the termite *Kalotermes approximatus* Snyder (Insecta: Isoptera). Chromosoma (Berlin) 82: 65–88.

Szalanski, A.L., J.W. Austin, and C.B. Owens. 2003. Identification of *Reticulitermes* spp. (Isoptera: Reticulitermitidae) from south central United States by PCB-RFLP. Journal of Economic Entomology 96 (5): 1514–1519.

Szalanski, A.L., J.W. Austin, R.H. Scheffrahn, and M.T. Messenger. 2004a. Molecular diagnostics of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Florida Entomologist 87 (2): 145–151.

Szalanski, A.L., R.H. Scheffrahn, J.W. Austin, J. Křeček, and N.-Y. Su. 2004b. Molecular phylogeny and biogeography of *Heterotermes* (Isoptera: Rhinotermitidae) in the West Indies. Annals of the Entomological Society of America 97 (3): 556–566.

Szalanski, A.L., J.W. Austin, J. McKern, and M.T. Messenger. 2006. Genetic evidence for a new subterranean termite species (Isoptera: Rhinotermitidae) from western United States and Canada. Florida Entomologist 89 (3): 299–304.

Szalanski, A.L., J.W. Austin, and J.A. McKern. 2008a. Genetic diversity of *Reticulitermes* termites (Isoptera Rhinotermitidae from Lake Wedington, Arkansas. Sociobiology 52 (1): 95–106.

Szalanski, A.L., J.W. Austin, J.A. McKern, R.H. Scheffrahn, C.B. Owens, and M.T. Messenger. 2008b. Molecular phylogeography of *Reticulitermes* (Isoptera: Rhinotermitidae) termites from Florida. Sociobiology 52 (3): 619–632.

Szent-Ivany, J.J.H. 1956. New insect pests and host plant records in the Territory of Papua and New Guinea. Papua and New Guinea Agricultural Journal 11 (3): 82–87.

Szent-Ivany, J.J.H. 1959. Host plant and distribution records of some insects in New Guinea. Pacific Insects 1 (4): 423–429.

Tahiri, A., and S.H. Han. 1990. Evolution des ovaires de la reine de *Macrotermes subhyalinus* (Isoptera, Termitidae) au cours de la fondation et de la croissance des colonies. Actes des Colloques Insectes Sociaux 6: 27–33.

Tahiri, A., and S.H. Han. 1993. Maturation des ovaires de la reine au cours du développement de la colonie chez *Macrotermes subhyalinus* (Isoptera: Termitidae). Annales de la Société Entomologique de France 29 (3): 321–327.

Tai, A., F. Matsumura, and H.C. Coppel. 1969. Chemical identification of the trail-following pheromone for a Southern subterranean termite. Journal of Organic Chemistry 34: 2180–2182.

Tai, A., F. Matsumura, and H.C. Coppel. 1971. Synthetic analogues of the termite trail-following pheromone, structure and biological activity. Journal of Insect Physiology 17: 181–188.

Takahashi, S., and A. Gassa. 1995. Roles of cuticular hydrocarbons in intra- and interspecific recognition behavior of two Rhinotermitidae species. Journal of Chemical Ecology 21 (11): 1837–1845.

Takematsu, Y. 1990. Discovery of the winged form of *Reticulitermes miyatakei* Morimoto. Esakia, Special Issue 1: 1–4.

Takematsu, Y. 1992a. The present status of termite taxonomy in Japan. Proceedings 19th International Congress of Entomology, Beijing 1992: 37. [abstract]

Takematsu, Y. 1992b. Biometrical study on the development of the castes in *Reticulitermes speratus* (Isoptera, Rhinotermitidae). Japanese Journal of Entomology 60 (1): 67–76.

Takematsu, Y. 1994a. First record of *Sinocapritermes mushae* (Oshima and Maki) (Isoptera, Termitidae, Termitinae) from Japan, with redescriptions of soldier and worker castes. Japanese Journal of Entomology 62 (4): 719–722.

Takematsu, Y. 1994b. Taxonomy and distribution of Japanese termites. Nature and Insects 29 (9): 43–46. [in Japanese, with English title]

Takematsu, Y. 1996. A taxonomic revision of the Japanese termites from a chemical approach by the cuticular hydrocarbon analysis (Isoptera). Ph.D. dissertation, Kyushu University, Kyushu, Japan.

Takematsu, Y. 1997. A new record of *Incisitermes immigrans* from Japan (Isoptera, Kalotermitidae). Japanese Journal of Entomology 65 (3): 634.

Takematsu, Y. 1999a. Classification of termites based on cuticular hydrocarbons. Insectarium 36 (8): 216–221, 427.

Takematsu, Y. 1999b. The genus *Reticulitermes* (Isoptera: Rhinotermitidae) in Japan, with description of a new species. Entomological Science 2 (2): 231–243.

Takematsu, Y. 1999c. Comparative morphology of the gut of termite genera from Japan. Bulletin of the Institute of Tropical Agriculture, Kyushu University 21 [1998]: 33–41.

Takematsu, Y. 2011. Comment on the proposed conservation of *Termes serratus* Froggatt, 1898 and *Termes serrula* Desneux, 1904 (Insecta, Isoptera, Termitinae) (Case 3385). Bulletin of Zoological Nomenclature 68 (3): 205–206.

Takematsu, Y., and K. Morimoto. 1993. A new record of *Coptotermes guangzhouensis* (Isoptera, Rhinotermitidae) from Japan. Japanese Journal of Entomology 61 (2): 250.

Takematsu, Y., and R. Yamaoka. 1997. Taxonomy of *Glyptotermes* (Isoptera, Kalotermitidae) in Japan with reference to cuticular hydrocarbon analysis as chemotaxonomic characters. Esakia 37: 1–14.

Takematsu, Y., and R. Yamaoka. 1999. Cuticular hydrocarbons of *Reticulitermes* (Isoptera: Rhinotermitidae) in Japan and neighboring countries as chemotaxonomic characters. Applied Entomology and Zoology (Tokyo) 34 (1): 179–188.

Takematsu, Y., T. Inoue, F. Hyodo, A. Sugimoto, N. Kirtebutr, and T. Abe. 2003. Diversity of nest types in *Microcerotermes crassus* (Termitinae, Termitidae, Isoptera) in a dry evergreen forest of Thailand. Sociobiology 42 (3): 587–596.

Talice, R.V., and S. L[affitte] de Mosera. 1974. Investigaciones etologicas sobre termites VII. Puesta de huevos en *Nasutitermes fulviceps* (Silvestri, 1901). Revista de Biología del Uruguay 2 (2): 89–94.

Talice, R.V., S. L[affitte] de Mosera, and A.M.S. de Sprechmann. 1969. Estructura de los termiteros de *Nasutitermes fulviceps* (Silvestri, 1901). Publicaciones del Departmento Biologia General y Experimental Faculdad de Humanidades y Ciencas, Montevideo 2: 1–10.

Talice, R.V., S. L[affitte] de Mosera, and A.M.S. de Sprechmann. 1972. Investigaçiones etologicas sobre *Nasutitermes fulviceps* (Silvestri, 1901) II—Comportamiento constructor. Boletin de la Sociedad Zoológica del Uruguay 2: 71–74.

Talice, R.V., S. L[affitte] de Mosera, and A.M.S. de Sprechmann. 1973a. Investigaciones etologicas sobre termites, IV. Experiencias de des-socializacion en *Nasutitermes fulviceps* (Silvestri, 1901). Revista de Biología del Uruguay 1 (1): 35–41.

Talice, R.V., S. L[affitte] de Mosera, and A.M.S. de Sprechmann. 1973b. Investigaciones etologicas sobre termites, V. Comportamiento constructor de obreras desocializadas en *Nasutitermes fulviceps* (Silvestri, 1901). Revista de Biología del Uruguay 1 (1): 43–50.

Talice, R.V., S. L[affitte] de Mosera, and A.M.S. de Sprechmann. 1974. Construccion de puentes por ejemplares de *Nasutitermes fulviceps*. Revista de Biología del Uruguay 2 (2): 95–100.

Tamashiro, M., and N.-Y. Su (editors), 1987. Biology and control of the Formosan subterranean termite: proceedings of the international symposium on the Formosan subterranean termite, 67th meeting of the Pacific Branch, Entomological Society of America, Honolulu, Hawaii, 1985. Honolulu: College of Tropical Agriculture and Human Resources, University of Hawaii, 61 pp.

Tan, S.-J., and X.-T. Peng. 2009. A new species of genus *Neotermes* Ho[l]mgren (Isoptera, Kalotermitidae) from Sichuan, China. Acta Zootaxonomica Sinica 34 (3): 587–589.

Tang, C., and S. Li. 1959. Forecasting of the swarming of the yellow-thorax termite, *Reticulitermes flaviceps* Oshima, in Hangchow. Acta Entomologica Sinica 9 (5): 477–482. [in Chinese, with English summary]

Tang, C., and S. Li. 1960. Notes on the types of the reproductive castes of subterranean termites *Coptotermes formosanus* Shiraki and *Reticulitermes flaviceps* Oshima (Isoptera, Rhinotermitidae). Acta Entomologica Sinica 10 (3): 302–306. [in Chinese, with English summary]

Tang, G.-O., and Y.-Z. Liu. 1990. Observations on the production and development of replacement reproductives of *Reticulitermes chinensis* Snyder. Acta Entomologica Sinica 33 (1): 43–48. [in Chinese, with English summary]

Tano, Y. 1990. Importance of epigeous termite nests in the functioning of a Sudanian savanna in Côte d'Ivoire. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 211–212. Leiden: E.J. Brill, xxxi + 765 pp.

Tano, Y., and M. Lepage. 1987. Distribution of termite mounds in a drainage basin of the Sudanian zone (Côte d'Ivoire). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 613. Munich: J. Peperny, xxxv + 16 + 757 pp.

Tano, Y., and M. Lepage. 1989. Abundance and distribution of *Macrotermes bellicosus* mounds (Isoptera: Macrotermitinae) in Sudan savanna, Ivory Coast. Sociobiology 15 (2): 275. [abstract]

Tano, Y., and M. Lepage. 1990. Nest dynamics and nest building in *Macrotermes bellicosus* (Isoptera: Macrotermitinae). *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 685–686. Leiden: E.J. Brill, xxxi + 765 pp.

Tarumingkeng, R.C., H.C. Coppel, and F. Matsumura. 1976. Morphology and ultrastructure of the antennal chemoreceptors and mechanoreceptors of worker *Coptotermes formosanus* Shiraki. Cell and Tissue Research 173: 173–178.

Tarumingkeng, R.C., H.C. Coppel, and F. Matsumura. 1977. Morphology and ultrastructure of chemoreceptors and tactile mechanoreceptors in the antenna of *Coptotermes formosanus* Shiraki. Biotrop, Special Publication 2: 95–103.

Tayasu, I. 1998. Use of carbon and nitrogen isotope ratios in termite research. Ecological Research 13 (3): 377–387.

Tayasu, I., A. Sugimoto, E. Wada, and T. Abe. 1994. Xylophagous termites depending on atmospheric nitrogen. Naturwissenschaften 81: 229–231.

Tayasu, I., T. Abe, P. Eggleton, and D.E. Bignell. 1997. Nitrogen and carbon isotope ratios in termites: an indictor of trophic habit along the gradient from wood-feeding to soil-feeding. Ecological Entomology 22: 343–351.

Tayasu, I., T. Inoue, L.R. Miller, A. Sugimoto, S. Takeichi, and T. Abe. 1998. Confirmation of soil-feeding termites (Isoptera; Termitidae; Termitinae) in Australia using stable isotope ratios. Functional Ecology 12 (4): 536–542.

Tayasu, I., F. Hyodo, and T. Abe. 2002a. Caste-specific N and C isotope ratios in fungus-growing termites with special reference to uric acid preservation and their nutritional interpretation. Ecological Entomology 27: 355–361.

Tayasu, I., T. Nakamura, H. Oda, F. Hyodo, Y. Takematsu, and T. Abe. 2002b. Termite ecology in a dry evergreen forest in Thailand in terms of stable ($\delta^{13}C$ and $\delta^{15}N$) and radio ($^{14}C$, $^{137}Cs$ and $^{210}Pb$) isotopes. Biological Research 17: 195–206.

Tchotsoua, M. 1991. Distribution, caractères dimensionnels et rôle geomorphologique des termitières dans la region de Yaoundé (Cameroun). Cahiers Géologiques 118: 1253–1259.

Tembrock, G. 1944. Die geographische Verbreitung der afrikanischen Termiten. Beiträge zur Kolonialforschung 6: 149–195.

Teng, L., J.-C. Mo, A.-Q. Wang, L. Zhang, X.-J. Liu, and T.S. Hu. 2005. Agonistic behavior among intercolony of *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Zhejiang Linxeuyuan Xuebao 22 (5): 566–571. [in Chinese]

Termite Research Laboratory, Guangdong Institute of Entomology. 1982. A pr[e]liminary study on the biology of colonizing flight of *Coptotermes formosanus* Shiraki. Zoological Research 3 (2): 185–192. [in Chinese, with English summary]

Terry, M.D., and M.F. Whiting. 2005. Mantophasmatodea and phylogeny of the lower neopterous insects. Cladistics 21: 240–257.

Tessier, F. 1959a. La latérite du Cap Manuel à Dakar et ses termitières fossiles. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 248 (23): 3320–3322.

Tessier, F. 1959b. Termitières fossiles dans la latérite de Dakar (Sénégal). Remarques sur les structures latéritiques. Annales de la Faculté des Sciences, Université de Dakar 4: 91–132.

Thakur, M.L. 1973. Occurrence of satellite colonies in *Speculitermes cyclops* (Wasm.) (Isoptera: Termitidae: Amitermitinae). Journal of the Indian Academy of Wood Science 4 (1): 31–32.

Thakur, M.L. 1974. Hitherto unknown imago caste of *Stylotermes bengalensis* Mathur et Chhotani (Isoptera: Stylotermitidae). Indian Forester 100 (11): 692–695.

Thakur, M.L. 1975a. Zoogeography of termites of north-western Himalayan region. Indian Forester 101 (6): 341–345.

Thakur, M.L. 1975b. Hitherto unknown imago caste of *Microcerotermes minor* Holmgren (Isoptera: Termitidae: Amitermitinae). Indian Forester 101 (9): 565–568.

Thakur, M.L. 1975c. The apical tibial spur formula in the termite genus *Odontotermes* Holmgren (Isoptera: Termitidae: Macrotermitinae). Indian Forester 101 (11): 706–708.

Thakur, M.L. 1975d. Further records of occurrence of termite genus *Procryptotermes* Holmgren (Isoptera: Kalotermitidae) in the Indian region, with a new species from South India. Journal of the Indian Academy of Wood Science 6 (1): 29–36.

Thakur, M.L. 1975e. Two new species of termite genus *Stylotermes* Holmgren et Holmgren (Isoptera: Stylotermitidae) from the Indian region. Journal of the Indian Academy of Wood Science 6 (2): 94–105.

Thakur, M.L. 1976a. Zoogeography of termite genus *Odontotermes* Holmgren in the Indian region (Isoptera: Termitidae: Macrotermitinae). Indian Forester 102 (8): 498–505.

Thakur, M.L. 1976b. Redescription of an Indo-Malayan termite *Odontotermes oblongatus* Holmgren (Isoptera Termitidae: Macrotermitinae). Journal of the Indian Academy of Wood Science 7 (2): 104–108.

Thakur, M.L. 1976c. A new termite *Pericapritermes topslipensis* sp. nov. (Isoptera: Termitidae: Termitinae) from South India. Journal of the Timber Development Association of India 22 (2): 11–14.

Thakur, M.L. 1976d. First record of occurrence of termite genus *Ceylonitermes* Holmgren, from India, with a new species from Kerala (Isoptera: Termitidae: Nasutitermitinae). Journal of the Timber Development Association of India 22 (2): 15–17 + 2 pls.

Thakur, M.L. 1976e. A new nasute termite from South India (Isoptera: Termitidae: Nasutitermitinae). Journal of the Bombay Natural History Society 72 (3) [1975]: 781–785 + 2 pls.

Thakur, M.L. 1977. On the specific identity of termite *Reticulitermes assamensis* Gardner (Isoptera: Rhinotermitidae: Heterotermitinae) from Assam, India. Journal of the Bombay Natural History Society 74 (1): 191–195.

Thakur, M.L. 1978a. Imago caste of *Neotermes megaoculatus megaoculatus* Roonwal et Sen-Sarma (Isoptera: Kalotermitidae) from Kumaon Hills, Uttar Pradesh. Journal of the Bombay Natural History Society 75 (1): 143–147.

Thakur, M.L. 1978b. A new species of termite genus *Neotermes* Holmgren (Isoptera: Kalotermitidae) from Kerala, South India. Journal of the Indian Academy of Wood Science 9 (1): 56–61.

Thakur, M.L. 1978c. New observations on the swarming behaviour in nature in *Odontotermes assmuthi* Holmgren (Isoptera: Termitidae). Indian Forester 104 (9): 638.

Thakur, M.L. 1978d. Some significant changes in the ecology and distribution of termites in relation to recent human activities in the Himalaya. Memoirs of the School of Entomology, St. John's College 6: 93–100.

Thakur, M.L. 1980a. Bioecology and zoogeography of termite genus *Cryptotermes* (Isoptera: Kalotermitidae) in the Indian region. Journal of the Bombay Natural History Society 76 [1979]: 106–114.

Thakur, M.L. 1980b. Ecobiogeography of termites of the Indian arid ecosystem. Sociobiology 5 (2): 115–131.

Thakur, M.L. 1980c. Hitherto unknown imago caste of *Speculitermes rongrensis* Roonwal and Chhotani (Isoptera: Termitidae: Amitermitinae). Bulletin of Entomology (Madras) 14 (1–2) [1973]: 82–84.

Thakur, M.L. 1980d. A new species of termite genus *Neotermes* Holmgren (Isoptera: Kalotermitidae) from the Indian region. Bulletin of Entomology (Madras) 14 (1–2) [1973]: 91–96.

Thakur, M.L. 1981a. Origin, dispersion and distribution of Macrotermitinae (Isoptera: Termitidae). Journal of Entomological Research (New Delhi) 5 (1): 80–90.

Thakur, M.L. 1981b. The identity, distribution and bioecology of *Odontotermes distans* Holmgren et Holmgren (Isoptera: Termitidae: Macrotermitinae). Proceedings of the Indian Academy of Sciences (Animal Sciences) (B) 90 (2): 187–193.

Thakur, M.L. 1981c. Revision of the termite genus *Odontotermes* Holmgren (Isoptera: Termitidae: Macrotermitinae) from India. Indian Forest Records (n.s.), Entomology 14 (2): i–vi + 1–183.

Thakur, M.L. 1984a. Further records of occurrence and incidence of damage by termites of the genus *Cryptotermes* Banks in India (Isoptera: Kalotermitidae). Journal of the Bombay Natural History Society 81 (2): 497–500.

Thakur, M.L. 1984b. *Glyptotermes tripurensis* sp. nov. (Isoptera: Kalotermitidae) from Tripura, India. Bulletin of Entomology (Madras) 25 (2): 151–155.

Thakur, M.L. 1984c. A review of the family Macrotermitidae (Isoptera) from the Oriental region. Oriental Insects 17 [1983]: 35–77.

Thakur, M.L. 1985. Observations on swarming in nature of termites (Insecta: Isoptera) at Coimbatore (Tamil Nadu: India). Annals of Entomology (Dehra Dun) 3 (2): 25–31.

Thakur, M.L. 1989a. Two new species of termite genus *Glyptotermes* Froggatt, from Sunda Straits, Indonesian Islands. Hexapoda (Insecta Indica) 1 (1–2): 7–18.

Thakur, M.L. 1989b. Some aspects of ecology and biogeography of termites of peninsular India. Beiträge zur Entomologie (Berlin) 39 (2): 343–366.

Thakur, M.L. 1991. Flight schedules of winged termites (Insecta: Isoptera) in Doon Valley, Uttar Pradesh. Journal of the Bombay Natural History Society 88 (1): 55–62.

Thakur, M.L., and P.N. Chatterjee. 1969. A new species of *Pseudocapritermes* Kemner from India (Isoptera: Termitidae: Termitinae). Oriental Insects 3 (2): 189–192.

Thakur, M.L., and P.N. Chatterjee. 1970. The imago caste of *Doonitermes capillosus* Chatterjee and Thakur (Isoptera: Termitidae: Amitermitinae). Oriental Insects 4 (2): 159–163.

Thakur, M.L., and P.N. Chatterjee. 1971. Two new species of termite genus *Dicuspiditermes* Krishna (family Termitidae, subfamily Termitinae) from Goa, India. Zoologischer Anzeiger 187 (1–2): 72–81.

Thakur, M.L., and P.N. Chatterjee. 1974. *Euhamitermes dentatus* sp. nov. (Isoptera: Termitidae: Amitermitinae) from South India. Journal of the Indian Academy of Wood Science 5 (2): 72–75.

Thakur, M.L., and S. Kumar. 1989. Some biological observations on swarming populations of *Odontotermes indicus* Thakur (Isoptera: Macrotermitidae). Journal of the Indian Academy of Wood Science 20 (1): 23–29 + 2 pls.

Thakur, M.L., and S.C. Mishra. 1996. Laboratory culturing of some Indian wood destroying termites. Journal of Entomological Research (New Delhi) 20 (1): 73–82.

Thakur, M.L., and P.K. Sen-Sarma. 1978. Macrotermitinae (Isoptera: Termitidae) from Madagascar, with remarks on the origin of the sub-family in Malagasy region. Journal of Entomological Research (New Delhi) 2 (2): 172–180.

Thakur, M.L., and P.K. Sen-Sarma. 1979. Revision of termite genus *Heterotermes* Froggatt (Isoptera: Rhinotermitidae: Heterotermitinae) from the Indian region. Indian Forest Records (n.s.), Entomology 13 (2): 1 + 1 + 1–27.

Thakur, M.L., and P.K. Sen-Sarma. 1980a. A flourishing colony of *Coptotermes heimi* (Wasm.) (Insecta: Isoptera) in a naval boat. Journal of the Bombay Natural History Society 76 (1) [1979]: 188–189.

Thakur, M.L., and P.K. Sen-Sarma. 1980b. A new species of termite genus *Doonitermes* Chatterjee and Thakur (Isoptera: Termitidae: Amitermitinae) from West Bengal, India. Bulletin of Entomology (Madras) 14 [1973]: 85–90.

Thakur, M.L., and P.K. Sen-Sarma. 1980c. Current status of termites as pests of forest nurseries and plantations in India. Journal of the Indian Academy of Wood Science 11 (2): 7–15.

Thakur, M.L., and P.K. Sen[-]Sarma. 1981. Flight and colony foundation in termites with special reference to Indian Region. Van-Vigyan 19 (1): 39–43.

Thakur, M.L., and R.K. Thakur. 1992. Termite fauna of Krakatau and associated islands, Sunda Straits, Indonesia. Treubia 30 (3): 213–317.

Thakur, R.K. 1984. Additions to the termite fauna of the Thar Desert. Journal of the Bombay Natural History Society 81 (2): 496–497.

Thakur, R.K. 1987. On a small collection of termites (Isoptera) from Karnataka, South India. Indian Journal of Forestry 10 (3): 204–207.

Thakur, R.K. 1989. Termite fauna of Gujarat (Insecta: Isoptera). Indian Forest Records (n.s.), Entomology 15 (1): 1–76.
Thakur, R.K. 1990. Termites (Isoptera) from Karnataka (South India), with new records. Indian Journal of Forestry 13 (1): 53–56.
Thakur, R.K. 1991. Field ecology, ecobiogeography and economic importance of Gujarat termites. Indian Forest Records (n.s.), Entomology 16 (1): 1–42.
Thakur, R.K. 1992. First record of *Hypotermes xenotermitis* Wasmann (Isoptera: Termitidae: Macrotermitinae) from South India. Indian Journal of Forestry 14 (4) [1991]: 318–319.
Thakur, R.K. 1993. Termites from arid areas of Punjab and Haryana, India. Records of the Zoological Survey of India 91 (2) [1992]: 127–137.
Thakur, R.K. 1994. Eco-biogeography of arid zone (Thar Desert) termites (Insecta: Isoptera). Indian Forester 120 (5): 455–463.
Thakur, R.K. 2008. *Angulitermes bhagsunagensis,* a new species from India (Oriental Region) (Isoptera: Termitidae: Termitinae). Indian Journal of Forestry 31 (4): 581–584.
Thakur, R.K., and M.S. Rathore. 1983. On the occurrence of *Cryptotermes bengalensis* Snyder (Isoptera: Kalotermitidae) in Gujarat, India. Journal of the Bombay Natural History Society 79 (3): 699–700.
Thakur, R.K., and M.S. Rathore. 1986. A new termite, *Odontotermes sikkimensis* (Isoptera: Macrotermitidae) from Sikkim. Journal of the Indian Academy of Wood Science 17 (1): 53–56.
Thapa, R.S. 1982. Termites of Sabah. Sabah Forest Record 12: iv + 1–374.
Thapa, R.S. 1997. A new genus and a new species of termite (Termitidae: Nasutitermitinae) from Sabah, Malaysia. Journal of Tropical Forest Science 9 (3): 294–298.
Thapa, V.K. 1997. An inventory of Nepal's insects. Vol. 1 (Protura-Odonata). Kathmandu, Nepal: IUCN Nepal, xii + 98 pp.
Théobald, N. 1937. Les insectes fossiles des terrains oligocènes de France. Nancy, France: Georges Thomas, 473 pp. + 29 pls.
Thirugnanasuntharan, K., and I.C.R. Jayachandran. 1989. Distinctive morphological characters of termites in high and mid grown tea in Sri Lanka. Sri Lanka Journal of Tea Science 58 (2): 104–110.
Tho, Y.-P. 1972. Observations on the biology of the termite *Dicuspiditermes nemorosus* (Haviland). Malayan Nature Journal 25: 10–17.
Tho, Y.-P. 1975. A new termite from peninsular Malaysia. Malaysian Forester 38 (3): 177–183.
Tho, Y.-P. 1978. The common mound-building termite. Nature Malaysiana 3 (2): 16–23.
Tho, Y.-P. 1981. A unique defense strategy in the termite *Prohamitermes mirabilis* (Haviland) of peninsular Malaysia. Biotropica 13 (3): 236–238.
Tho, Y.-P. 1982. Studies on the taxonomy and biology of termites (Isoptera) of peninsular Malaysia. Ph.D. dissertation, University of Aberdeen, Scotland, 685 pp.
Tho, Y.-P. 1992. Termites of peninsular Malaysia. Kuala Lumpur, Malaysia: Forest Research Institute Malaysia (Malaysian Forest Records No. 36), ix + 224 pp.
Thompson, C.B. 1916. The brain and the frontal gland of the castes of the 'white ant,' *Leucotermes flavipes,* Kollar. Journal of Comparative Neurology 26 (5): 553–603.
Thompson, C.B. 1917. Origin of the castes of the common termite, *Leucotermes flavipes* Kol. Journal of Morphology 30 (1): 83–153.
Thompson, C.B. 1919. The development of the castes of nine genera and thirteen species of termites. Biological Bulletin 36 (6): 379–398.
Thompson, C.B. 1920. The 'third form,' the wingless reproductive type of termites: *Reticulitermes* and *Prorhinotermes.* Journal of Morphology 34 (3): 591–633.
Thompson, C.B. 1922. The castes of *Termopsis.* Journal of Morphology 36 (4): 495–535.
Thompson, C.B., and T.E. Snyder. 1919. The question of the phylogenetic origin of the termite castes. Biological Bulletin 36 (2): 115–133.
Thompson, C.[R.] 1982. The detection and distribution of Formosan termites in southeastern Florida. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 149. Boulder, CO: Westview Press, xi + 419 + [1] pp.
Thompson, C.R. 1985. Detection and distribution of Formosan termites (Isoptera: Rhinotermitidae) in southeastern Florida. Journal of Economic Entomology 78 (3): 528–530.

Thompson, G.J., and R.H. Crozier. 1998. Molecular phylogeny of Australian kalotermitids and the evolution of drywood termites. *In* M.P. Schwarz and K. Hogendoorn (editors), Social insects at the turn of the millennium: proceedings of the 13th international congress of IUSSI [Adelaide, 29 December, 1998–3 January, 1999]: 471. Adelaide: International Union for the Study of Social Insects, [5] + 535 pp.

Thompson, G.J., and P.D.N. Hebert. 1998a. Population genetic structure of the Neotropical termite *Nasutitermes nigriceps* (Isoptera: Termitidae). Heredity 80 (1): 48–55.

Thompson, G.J., and P.D.N. Hebert. 1998b. Probing termite social systems through allozyme and mtDNA analysis: a case study of *Nasutitermes nigriceps* and *Nasutitermes costalis* (Isoptera, Termitidae). Insectes Sociaux 45 (3): 289–299.

Thompson, G.J., M. Lenz, and R.H. Crozier. 2000a. Microsatellites in the subterranean, mound-building termite *Coptotermes lacteus* (Isoptera: Rhinotermitidae). Molecular Ecology 9: 1932–1934.

Thompson, G.J., O. Kitade, N. Lo, and R.H. Crozier. 2000b. Phylogenetic evidence for a single, ancestral origin of a 'true' worker caste in termites. Journal of Evolutionary Biology 13: 869–881.

Thompson, G.J., L.R. Miller, M. Lenz, and R.H. Crozier. 2000c. Phylogenetic analysis and trait evolution in Australian lineages of drywood termites (Isoptera, Kalotermitidae). Molecular Phylogenetics and Evolution 17 (3): 419–429.

Thompson, G.J., Y.C. Crozier, and R.H. Crozier. 2003. Isolation and characterization of a termite transferrin gene up-regulated on infection. Insect Molecular Biology 12 (1): 1–7.

Thompson, G.J., O. Kitade, N. Lo, and R.H. Crozier. 2004. On the origin of termite workers: weighing up the phylogenetic evidence. Journal of Evolutionary Biology 17: 217–220.

Thompson, G.J., M. Lenz, R.H. Crozier, and B.J. Crespi. 2007. Molecular-genetic analysis of dispersal and breeding behaviour in the Australian termite *Coptotermes lacteus*: evidence for non-random mating in a swarm-dispersal mating system. Australian Journal of Zoology 55: 219–227.

Thompson, W.L. 1934. Notes on *Neotermes castaneus* Burm. Florida Entomologist 18 (3): 33–39.

Thorne, B.L. 1981. Differences in nest architecture between the Neotropical arboreal termites *Nasutitermes corniger* and *Nasutitermes ephratae* (Isoptera: Termitidae). Psyche (Cambridge) 87 (3–4) [1980]: 235–243.

Thorne, B.L. 1982a. Termite-termite interactions: workers as an agonistic caste. Psyche (Cambridge) 89: 133–150.

Thorne, B.L. 1982b. Multiple primary queens in termites: phyletic distribution, ecological context, and a comparison to polygyny in Hymenoptera. *In* M.D. Breed, C.D. Michener, and H.E. Evans (editors), The biology of social insects: proceedings of the ninth congress of the International Union for the Study of Social Insects, Boulder, Colorado, August 1982: 206–211. Boulder, CO: Westview Press, xi + [1] + 419 + [1] pp.

Thorne, B.L. 1982c. Polygyny in termites: multiple primary queens in colonies of *Nasutitermes corniger* (Motschulsky) (Isoptera: Termitidae). Insectes Sociaux 29 (1): 102–117.

Thorne, B.L. 1982d. Reproductive plasticity in the Neotropical termite *Nasutitermes corniger. In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico November, 1980. Vol. 1: 21–29. Paris: Université Paris-Nord, 280 pp.

Thorne, B.L. 1983. Alate production and sex ratio in colonies of the Neotropical termite *Nasutitermes corniger* (Isoptera: Termitidae). Oecologia (Berlin) 58 (1): 103–109.

Thorne, B.L. 1984. Polygyny in the Neotropical termite *Nasutitermes corniger*: life history consequences of queen mutualism. Behavioral Ecology and Sociobiology 14: 117–136.

Thorne, B.L. 1985a. Las termitas Neotropicales como colonizadoras de montículos creados por arboles caídos: informe preliminar. *In* W.G. D'Arcy and M.D. Correa A. (editors), The botany and natural history of Panama: la botánica e historia natural de Panamá: 111–113. Saint Louis: Missouri Botanical Garden, 455 pp.

Thorne, B.L. 1985b. Termite polygyny: the ecological dynamics of queen mutualism. Fortschritte der Zoologie 31: 325–341.

Thorne, B.L. 1985c. Numerical and biomass caste proportions in colonies of the termites *Nasutitermes corniger* and *N. ephratae* (Isoptera: Termitidae). Insectes Sociaux 32 (4): 411–426.

Thorne, B.L. 1990a. Evolution of the order Isoptera: a review and reinterpretation of its Paleozoic roots. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 27. Leiden: E.J. Brill, xxxi + 765 pp.

Thorne, B.L. 1990b. A case for ancestral transfer of symbionts between cockroaches and termites. Proceedings of the Royal Society of London, Series B, Biological Sciences 241 (1300): 37–41.

Thorne, B.L. 1991. Ancestral transfer of symbionts between cockroaches and termites: an alternative hypothesis. Proceedings of the Royal Society of London, Series B, Biological Sciences 246 (1317): 191–195.

Thorne, B.L. 1996. Termite terminology. Sociobiology 28 (3): 253–263.

Thorne, B.L. 1997. Evolution of eusociality in termites. Annual Review of Ecology and Systematics 28: 27–54.

Thorne, B.L. 1999. Part I. Biology of subterranean termites of the genus *Reticulitermes*. *In* National Pest Control Association (editor), NPCA research report on subterranean termites: 1–30. Dunn Loring, VA: National Pest Control Association, v + 52 pp.

Thorne, B.L., and N.L. Breisch. 1993. A technique for efficient sorting of live termites from debris. Psyche (Cambridge) 100 (1–2): 1–4.

Thorne, B.L., and J.M. Carpenter. 1992. Phylogeny of the Dictyoptera. Systematic Entomology 17 (3): 253–268.

Thorne, B.L., and M.I. Haverty. 1989. Accurate identification of *Zootermopsis* species (Isoptera: Termopsidae) based on a mandibular character of nonsoldier castes. Annals of the Entomological Society of America 82 (3): 262–266.

Thorne, B.L., and M.I. Haverty. 1991. A review of intracolony, intraspecific, and interspecific agonism in termites. Sociobiology 19 (1): 115–145.

Thorne, B.L., and M.I. Haverty. 2000. Nest growth and survivorship in three species of Neotropical *Nasutitermes* (Isoptera: Termitidae). Environmental Entomology 29 (2): 256–264.

Thorne, B.L., and J.W. Kimbrough. 1982. The impact of *Mattirolella crustosa* (Termitariales, Deuteromycetes) on species of *Nasutitermes* (Isoptera: Termitidae) in Panama. Mycologia 74 (2): 242–249.

Thorne, B.L., and S.C. Levings. 1989. A new species of *Nasutitermes* (Isoptera: Termitidae) from Panama. Journal of the Kansas Entomological Society 62 (3): 342–347.

Thorne, B.L., and C. Noirot. 1982. Ergatoid reproductives in *Nasutitermes corniger* (Motschulsky) (Isoptera: Termitidae). International Journal of Insect Morphology and Embryology 11 (3–4): 213–226.

Thorne, B.L., and J.F.A. Traniello. 2003. Comparative social biology of basal taxa of ants and termites. Annual Review of Entomology 48: 283–306.

Thorne, B.L., M.I. Haverty, M. Page, and W.L. Nutting. 1993. Distribution and biogeography of the North American termite genus *Zootermopsis* (Isoptera: Termopsidae). Annals of the Entomological Society of America 86 (5): 532–544.

Thorne, B.L., M.I. Haverty, and M.S. Collins. 1994. Taxonomy and biogeography of *Nasutitermes acajutlae* and *N. nigriceps* (Isoptera: Termitidae) in the Caribbean and Central America. Annals of the Entomological Society of America 87 (6): 762–770.

Thorne, B.L., M.I. Haverty, and M.S. Collins. 1996a. Antillean termite named for a locality in Central America: taxonomic memorial to a perpetuated error. Annals of the Entomological Society of America 89 (3): 346–347.

Thorne, B.L., E. Russek-Cohen, B.T. Forschler, N.L. Breisch, and J.F.A. Traniello. 1996b. Evaluation of mark-release-recapture methods for estimating forager population size of subterranean termite (Isoptera: Rhinotermitidae) colonies. Environmental Entomology 25 (5): 938–951.

Thorne, B.L., M.I. Haverty, and D.H. Benzing. 1996c. Associations between termites and bromeliads in two dry tropical habitats. Biotropica 28 (4b): 781–785.

Thorne, B.L., M.S. Collins, and K.A. Bjorndal. 1996d. Architecture and nutrient analysis of arboreal carton nests of two Neotropical *Nasutitermes* species (Isoptera: Termitidae), with notes on embedded nodules. Florida Entomologist 79 (1): 27–36.

Thorne, B.L., N.L. Breisch, and J.F.A. Traniello. 1997. Incipient colony development in the subterranean termite *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 30 (2): 145–159.

Thorne, B.L., J.F.A. Traniello, E.S. Adams, and M. Bulmer. 1999. Reproductive dynamics and colony structure of subterranean termites of the genus *Reticulitermes* (Isoptera Rhinotermitidae): a review of the evidence from behavioral, ecological, and genetic studies. Ethology Ecology and Evolution 11 (2): 149–169.

Thorne, B.L., D.A. Grimaldi, and K. Krishna. 2000. Early fossil history of the termites. *In* T. Abe, T., D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 77–93. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Thorne, B.L., N.L. Breisch, and M.I. Haverty. 2002. Longevity of kings and queens and first time of production of fertile progeny in dampwood termite (Isoptera; Termopsidae; *Zootermopsis*) colonies with different reproductive structures. Journal of Animal Ecology 71 (6): 1030–1041.

Thorne, B.L., N.L. Breisch, and M.L. Muscedere. 2003. Evolution of eusociality and the soldier caste in termites: influence of intraspecific competition and accelerated inheritance. Proceedings of the National Academy of Sciences of the United States of America 100 (22): 12808–12813.

Thrower, S.L. 1986. A termite species new to Hong Kong. Memoirs of the Hong Kong Natural History Society 17: 11.

Thurich, L. 1960. Vergleichende morphologische Betrachtung der Soldaten der europäischen und vorderasiatischen *Reticulitermes*-Arten. Entomologische Mitteilungen aus dem Zoologischen Staatsinstitut und Zoologischen Museum Hamburg 30: 1–16.

Tikader, B.K., and O.B. Chhotani. 1987. Fauna of Orissa, Part 1. General information, with lists of faunistic surveys conducted and collecting localities in Orissa state, India. Zoological Survey of India State Fauna Series 1: 1–23.

Tillyard, R.J. 1926a. Fossil insects in relation to living forms. Nature 117 (2954): 828–830.

Tillyard, R.J. 1926b. The insects of Australia and New Zealand. Sydney: Angus and Robertson, Ltd., xi + 560 pp.

Tillyard, R.J. 1931. The wing-venation of the order Isoptera. I. Introduction and the family Mastotermitidae. Proceedings of the Linnean Society of New South Wales 56 (4): 371–390 + 1 pl.

Tillyard, R.J. 1936. Are termites descended from true cockroaches? Nature 137: 655.

Tilquin, J.P., and P.P. Vincke. 1982. Cytogénétique, in- ou outbreeding chez les termites (Isoptera). Revue Zoologique Africaine (Bruxelles) 96 (1): 31–41.

Tingle, C.C.D., S. Lauer, and G. Armstrong. 1992. Dry season, epigeal invertebrate fauna of mopane woodland in northwestern Zimbabwe. Journal of Arid Environments 23: 397–414.

To, L.P., L. Margulis, D. Chase, and W.L. Nutting. 1980. The symbiotic microbial community of the Sonoran desert termite: *Pterotermes occidentis*. BioSystems 13: 109–137.

Tokoro, M., M. Takahashi, K. Tsunoda, and R. Yamaoka. 1989. Isolation and primary structure of trail pheromone of the termite, *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae). Wood Research 76: 29–38.

Tokoro, M., R. Yamaoka, K. Hayashiya, M. Takahashi, and K. Nishimoto. 1990. Evidence for trail-pheromone precursor in termite *Reticulitermes speratus* (Kolbe) (Rhinotermitidae: Isoptera). Journal of Chemical Ecology 16 (8): 2549–2557.

Tokoro, M., M. Takahashi, K. Tsunoda, R. Yamaoka, and K. Hayashiya. 1991. Isolation and identification of the trail pheromone of the subterranean termite *Reticulitemes* [sic] *speratus* (Kolbe) (Isoptera: Rhinotermitidae). Wood Research 78: 1–14.

Tokoro, M., M. Takahashi, and R. Yamaoka. 1992. Identification of trail pheromone precursors from subterranean termite, *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae). Journal of Chemical Ecology 18 (3): 517–526.

Tokoro, M., M. Takahashi, and R. Yamaoka. 1994. (*Z,E,E*)-dodecatrien-1-ol: a minor component of trail pheromone of termite, *Coptotermes formosanus* Shiraki. Journal of Chemical Ecology 20 (1): 199–215.

Tokuda, G., H. Watanabe, T. Matsumoto, and H. Noda. 1997. Cellulose digestion in the wood-eating higher termite, *Nasutitermes takasagoensis* (Shiraki): distribution of cellulases and properties of endo-β-1,4-glucanase. Zoological Science (Tokyo) 14: 83–93.

Tokuda, G., T. Nakamura, R. Murakami, and I. Yamaoka. 2001. Morphology of the digestive system in the wood-feeding termite *Nasutitermes takasagoensis* (Shiraki) [Isoptera: Termitidae]. Zoological Science (Tokyo) 18: 869–877.

Tokuda, G., H. Saito, and H. Watanabe. 2002. A digestive β-glucosidase from the salivary glands of the termite, *Neotermes koshunensis* (Shiraki): distribution, characterization and isolation of its precursor cDNA by 5′- and 3′-RACE amplifications with degenerate primers. Insect Biochemistry and Molecular Biology 32 (12): 1681–1689.

Tokuda, G., N. Lo, H. Watanabe, G. Arakawa, T. Matsumoto, and H. Noda. 2004. Major alteration of the expression site of endogenous cellulases in members of an apical termite lineage. Molecular Ecology 13: 3219–3228.

Tokuda, G., N. Lo, and H. Watanabe. 2005. Marked variations in patterns of cellulase activity against crystalline- vs. carboxymethyl-cellulose in the digestive systems of diverse, wood-feeding termites. Physiological Entomology 30: 372–380.

Torales, G.J. 1998. Rol de los isopteros en la Argentina. *In* L.R. Fontes and E.B. Filho (editors), Cupins: o desafio do conhecimento: 413–435. Piracicaba, Brazil: Fundação de Estudos Agrários Luiz de Queiroz, 512 pp.

Torales, G.J. 2002. Termites as structural pests in Argentina. Sociobiology 40 (1): 191–206.

Torales, G.J., and J.M. Coronel. 2006. Reproductive ergatoids in nests of *Nasutitermes aquilinus* (Isoptera, Termitidae, Nasutitermitinae). Sociobiology 48 (1): 209–221.

Torales, G.J., and L.R. Fontes. 2008. *Onkotermes corochus,* a new species of termite from Argentina (Isoptera, Termitidae, Termitinae). Sociobiology 52 (3): 471–484.

Torales, G.J., and M.C. Godoy. 1996. Nueva localidad en la Argentina para *Porotermes quadricollis* (Isoptera: Termopsidae). Revista de la Asociacion de Ciencias Naturales del Litoral 27 (1): 61–62.

Torales, G.J., A.C. Armua, E.B. Oscherov, M.M. Martegani, E.R. Laffont, and M.O. Arbino. 1990. Contribucion al conocimiento de la termitas de Argentina (Provincia de Corrientes). *Nasutitermes corniger* Motschulsky (Isoptera: Termitidae, Nasutitermitinae) Segunda Parte: infestacion de viviendas. FACENA, Serie Ciencias Naturales 8: 9–25.

Torales, G.J., E.R. Laffont, and M.O. Arbino. 1995. Infestacion de construcciones por *Microcerotermes strunckii* Sörenson (Isoptera: Termitidae, Nasutitermitinae). Revista de la Asociacion de Ciencias Naturales del Litoral 26 (1): 41–48.

Torales, G.J., E.R. Laffont, and M.O. Arbino. 1996. Primera cita de infestacion de construcciones por *Nasutitermes fulviceps* (Isoptera: Termitidae). Revista de la Asociacion de Ciencias Naturales del Litoral 27 (1): 62–65.

Torales, G.J., E.R. Laffont, M.O. Arbino, and M.C. Godoy. 1997. Primera lista faunística de los isópteros de la Argentina. Revista de la Sociedad Entomológica Argentina 56 (1–4): 47–53.

Torales, G.J., E.R. Laffont, M.O. Arbino, and J.M. Coronel. 1999. Composición de colonias de *Cornitermes cumulans* (Isoptera: Termitidae: Nasutitermitinae) en diferentes épocas del año. Revista de la Sociedad Entomológica Argentina 58 (3–4): 189–196.

Torales, G.J., E.R. Laffont, M.C. Godoy, J.M. Coronel, and M.O. Arbino. 2005a. Update on taxonomy and distribution of Isoptera from Argentina. Sociobiology 45 (3): 853–886.

Torales, G.J., J.M. Coronel, J.L. Fontana, E.R. Laffont, E. Porcel, M.C. Godoy, and M.O. Arbino. 2005b. Composición faunística y distribución de Isoptera (Insecta) del Litoral. INSUGEO, Miscelánea 14: 259–280.

Torales, G.J., J.M. Coronel, E.R. Laffont, M.C. Godoy, M.O. Arbino, and E.A. Porcel. 2006. Analysis of the population from *Nasutitermes coxipoensis* nests (Isoptera: Termitidae, Nasutitermitinae), from a locality of the province of Corrientes (Argentina). Sociobiology 47: 201–213. [Reprinted with corrections in Sociobiology 48 (1): 223–236]

Torales, G.J., J.M. Coronel, M.C. Godoy, E.R. Laffont, and V.L. Romero. 2008. Additions to the taxonomy and distribution of Isoptera from Argentina. Sociobiology 51 (1): 31–47.

Torre-Bueno, J.R., de la. 1989. The Torre-Bueno glossary of entomology: compiled by Stephen W. Nichols, with supplement A by George S. Tulloch [revised ed.]. New York: New York Entomological Society, xvii + 840 pp.

Townes, H.K. 1946. Results of an entomological inspection tour of Micronesia [mimeograph]. U.S. Commercial Company Report 14 (1): 1–53 pp.

Townsend, C.H.T. 1893. Note on *Termopsis angusticollis* Hagen. *Zoe* 4: 139–141.

Toxopeus, L.J. 1950. Over die pionier-fauna van Anak Krakatau, met enige beschouwingen over het ontstaan van de Krakatau-fauna. Chronica Naturae 106 (1): 27–34.

Trägårdh, I. 1904. Results of the Swedish Zoological Expedition to Egypt and the White Nile 1901, under the Direction of L.A. Jägerskiöld. No. 12, Part 1. Termiten aus dem Sudan. Royal University of Uppsala, Sweden, 47 pp. + 3 pls.

Traniello, J.F.A. 1981. Enemy deterrence in the recruitment strategy of a termite: soldier-organized foraging in *Nasutitermes costalis.* Proceedings of the National Academy of Sciences of the United States of America 78: 1976–1979.

Traniello, J.F.A. 1982. Recruitment and orientation components in a termite trail pheromone. Naturwissenschaften 69: 343–345.

Traniello, J.F.A., and S.N. Beshers. 1985. Species-specific alarm/recruitment responses in a Neotropical termite. Naturwissenschaften 72: 491–492.

Traniello, J.F.A., and C. Busher. 1985. Chemical regulation of polyethism during foraging in the Neotropical termite *Nasutitermes costalis.* Journal of Chemical Ecology 11: 319–332.

Traniello, J.F.A., and R.H. Leuthold. 2000. Behavior and ecology of foraging in termites. *In* T. Abe, D.E. Bignell, and M. Higashi (editors), Termites: evolution, sociality, symbioses, ecology: 141–168. Dordrecht: Kluwer Academic Publishers, xxii + 466 pp.

Traniello, J.F.A., and S.K. Robson. 1995. Trail and territorial communication in social insects. *In* R.T. Cardé and W.J. Bell (editors), Chemical ecology of insects. Vol. 2: 241–286. New York: Chapman and Hall, viii + 433 pp.

Traniello, J.F.A., B.L. Thorne, and G.D. Prestwich. 1984. Chemical composition and efficacy of cephalic gland secretion of *Armitermes chagresi* (Isoptera: Termitidae). Journal of Chemical Ecology 10: 531–543.

Tripodi, A.D., J.W. Austin, A.L. Szalanski, J. McKern, M.K. Carroll, R.K. Saran, and M.T. Messenger. 2006. Phylogeography of *Reticulitermes* termites (Isoptera: Rhinotermitidae) in California inferred from mitochondrial DNA sequences. Annals of the Entomological Society of America 99 (4): 697–706.

Truckenbrodt, W. 1973a. Über die Entstehung der Serosa im besamten und im unbesamten Ei von *Odontotermes badius* Hav. (Insecta, Isoptera). Zeitschrift für Morphologie der Tiere 76: 193–208.

Truckenbrodt, W. 1973b. Ueber die imaginale Ovarvergrösserung im Zusammenhang mit der Physogastrie bei *Odontotermes badius* Haviland (Insecta, Isoptera). Insectes Sociaux 20 (1): 21–40.

Truckenbrodt, W. 1978. About the time and place of appearance and the number of nymphs of *Odontotermes stercorivorus* (Sj.) (Insecta, Isoptera). Insectes Sociaux 25 (4): 303–313.

Truckenbrodt, W. 1979. Zur Entwicklung des Darmes bei normalen and bei evertierten Embryonen von *Odontotermes badius* Hav. (Insecta, Isoptera). Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 102: 66–78.

Truckenbrodt, W. 1982. Über die Entwicklung der Nymphen in nahe beieinander liegenden Staaten von *Odontotermes stercorivorus* (Sj.) (Insecta, Isoptera, Termitidae). Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 107 (3): 336–342.

Truckenbrodt, W. 1983. Postembryonale Entwicklung der weiblichen und mannlichen Gonaden sowie Gerschlechts- und Kastenverhaltnisse der Sterilen aus Laborzuchten von *Odontotermes stercorivorus* (Sj.) (Insecta, Isoptera, Termitidae). Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 109 (1): 35–49.

Truckenbrodt, W. 1987. Reproductive caste differentiation and endocrine gland activities in females of *Odontotermes stercorivorus* (Termitidae, Macrotermitinae). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 316. Munich: J. Peperny, xxxv + 16 + 757 pp.

Truckenbrodt, W., and U. Amelung. 1986. Postembryonic development of the queen's ovary of *Odontotermes stercorivorus* (Isoptera: Termitidae). Entomologia Generalis 11 (3–4): 237–248.

Tsai, C.-C., and C.-S. Chen. 2003. First record of *Coptotermes gestroi* (Isoptera: Rhinotermitidae) from Taiwan. Formosan Entomologist 23: 157–161.

Tsai, P.-H., and N.-S. Chen. 1963. New termite from South China. Acta Entomologica Sinica 12 (2): 167–198. [in Chinese, with English summary]

Tsai, P.-H., and N.-S. Chen. 1964a. Problems on the classification and fauna of termites in China. Acta Entomologica Sinica 13 (1): 25–37. [in Chinese, with English summary]

Tsai, P.-H., and N.-S. Chen. 1964b. Economic insect fauna of China. Part 8. Isoptera, Termitidae. Beijing: Science Press, viii + 141 + [4] pp. + 8 pls. [in Chinese]

Tsai, P.-H., and F.-S. Huang. 1975. On a new species of the termites in Chayu District, Tibet. Acta Entomologica Sinica 18 (2): 217–219. [in Chinese, with English summary]

Tsai, P.-H., and F.-S. Huang. 1979a. A new species of *Ahmaditermes* from China (Termitidae: Nasutitermitinae). Acta Zootaxonomica Sinica 4 (4): 416–418. [in Chinese, with English summary]

Tsai, P.-H., and F.-S. Huang. 1979b. New species of *Nasutitermes* of Medog District, Tibet (Termitidae: Nasutitermitinae). Acta Entomologica Sinica 22 (3): 336–342. [in Chinese, with English summary]

Tsai, P.-H., and F.-S. Huang. 1980. The Chinese termites. Beijing: Science Press, 56 pp. [in Chinese]

Tsai, P.-H., and F.-S. Huang. 1981a. Isoptera: Rhinotermitidae, Termitidae. *In* Chinese Academy of Sciences Joint Expedition Team to the Qinghai-Xizang Plateau (editor), Insects of Xizang [Tibet]: series of the Scientific Expedition to the Qinghai-Xizang Plateau. Vol. 1: 113–122. Beijing: Science Press, [2] + xi + 600 pp. [in Chinese, with English summary]

Tsai, P.-H., and F.-S. Huang. 1981b. Notes on the genus *Odontotermes* (Isoptera) from China, with description of a new species. Sinozoologia 1: 31–33. [in Chinese, with English summary]

Tsai, P.-H., and F.-S. Huang. 1982. *Parrhinotermes khasii ruiliensis* ssp. nov. from China, with notes on the distribution of the genus *Parrhinotermes* Holmgren (Isoptera: Termitidae). Acta Entomologica Sinica 25 (3): 306–310. [in Chinese, with English summary]

Tsai, P.-H., and F.-S. Huang. 1983. A taxonomy of the subfamily Heterotermitinae. Acta Entomologica Sinica 26 (4): 431–436. [in Chinese, with English summary]

Tsai, P.-H., N.-S. Chen, A.-K. Chen, and C.-H. Chen. 1965a. Architecture and development of the termitarium of *Odontotermes* (*O.*) *formosanus* Shiraki. Acta Entomologica Sinica 14 (1): 53–70. [in Chinese, with English summary]

Tsai, P.-H., N.-S. Chen, A.-K. Chen, H. Chung, and C.-H. Chen. 1965b. The activity of *Odontotermes* (*O.*) *formosanus* Shiraki on the ground of Yangtse-Dike and its relation to the nest. Acta Entomologica Sinica 14 (2): 128–139.

Tsai, P.-H., N.-S. Chen, A.-K. Chen, and C.-H. Chen. 1968. Architecture and development of the termitarium of *Odontotermes* (*O.*) *formosanus* Shiraki. Scripta Technica 1: 61–85. [English translation of Tsai et al., 1965a]

Tsai, P.-H, F.-S. Huang, and K.-S. Li. 1977. Notes on the genus *Reticulitermes* (Isoptera) from China, with descriptions of new subgenera and new species. Acta Entomologica Sinica 20 (4): 465–475. [in Chinese, with English summary]

Tsai, P.-H., C.-K. Ping, and G.-X. Li. 1978. Four new species of the genus *Stylotermes* Holmgren, K. et N. (Isoptera: Rhinotermitidae, Stylotermitinae) from Kwangsi. Acta Entomologica Sinica 21 (4): 429–436. [in Chinese, with English summary]

Tsai, P.-H., F.-S. Huang, J.-W. Peng, and X.-W. Tong. 1980. New species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae) from Hunan, China. Acta Entomologica Sinica 23 (3): 298–302. [in Chinese, with English summary]

Tsai, P.-H., F.-S. Huang, J.-W. Peng, and S.-C. Yin. 1983. Two new species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae). Acta Entomologica Sinica 26 (1): 80–84. [in Chinese, with English summary]

Tsai, P.-H, F.-S. Huang, and S.-M. Zhu. 1984. Two new species of genera *Indotermes* and *Sinotermes* from Yunnan, China (Isoptera: Termitidae). Zoological Research 5 (3): 289–294. [in Chinese, with English summary]

Tsai, P.-H, F.-S. Huang, and G.-X. Li. 1985. A study on the Chinese species of genus *Coptotermes* with description of new species and subspecies (Isoptera: Rhinotermitidae). Sinozoologia 3: 101–116. [in Chinese, with English summary]

Tschinkel, W.R., and P.G. Close. 1973. The trail pheromone of the termite, *Trinervitermes trinervoides*. Journal of Insect Physiology 19: 707–721.

Tsunoda, K. 2003. Economic importance of Formosan termite and control practices in Japan (Isoptera: Rhinotermitidae). Sociobiology 41 (1): 27–36.

Tsunoda, K., H. Matsuoka, T. Yoshimura, and M. Tokoro. 1999. Foraging populations and territories of *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Journal of Economic Entomology 92 (3): 604–609.

Tsvetkova, V.P. 1962. *Reticulitermes lucifugus* Rossi in the south of Ukraine. *In* D.M. Steinberg and A.N. Luppova (editors), First all union conference for the study of the termites of U.S.S.R. and elaboration of their control measures: 28–36. Ashkabad, Turkmenistan: Academy of Sciences of Turkmenia, 116 pp. [in Russian]

Tu, T.-C. 1955a. The termites of China. Formosan Science 9 (1): 30–39. [in Chinese, with English summary]

Tu, T.-C. 1955b. The termites of Formosa. Formosan Science 9 (2): 80–87. [in Chinese, with English summary]

Tucker, C.L., P.G. Koehler, and F.M. Oi. 2005. Tunnel formation arenas by different numbers of eastern subterranean termites (Isoptera: Rhinotermitidae) in laboratory. Sociobiology 45 (3): 731–744.

Tucker, R.W.E. 1939. The termites of Barbados. Barbados Agricultural Journal 8 (4): 132–144.

Tur, L.P. 2003. The precopulative behaviour of *Reticulitermes lucifugus* Rossi (Isoptera: Rhinotermitidae) of the south of Ukraine (Kherson Region). Izvestiya Kharkovskogo Entomologischeskogo Obshchestva 10 (1–2) [2002]: 119–121. [in Russian]

Tur, L.P. 2004. The colonies of termites *Reticulitermes lucifugus* (Isoptera, Rhinotermitidae) in the Black Sea biosphere reserve (Ukraine). Vestnik Zoologii 38 (5): 85–89. [in Russian, with English title]

Turner, J.S. 1994. Ventilation and thermal constancy of a colony of a Southern African termite (*Odontotermes transvaalensis*: Macrotermitinae). Journal of Arid Environments 28: 231–248.

Turner, J.S. 2000a. Architecture and morphogenesis in the mound of *Macrotermes michaelseni* (Sjöstedt) (Isoptera: Termitidae, Macrotermitinae) in northern Namibia. Cimbebasia 16: 143–175.

Turner, J.S. 2000b. The extended organism: the physiology of animal-built structures. Cambridge, MA: Harvard University Press, x + 235 pp.

Turner, J.S. 2001. On the mound of *Macrotermes michaelseni* as an organ of respiratory gas exchange. Physiological and Biochemical Zoology 74 (6): 798–822.

Turner, J.S. 2002. A superorganism's fuzzy boundaries. Natural History 111 (6): 63–67.

Turton, W. 1802. A general system of nature, through the three grand kingdoms of animals, vegetables, and minerals, systematically divided into their several classes, orders, genera, species, and varieties, with their habitations, manners, economy, structure and peculiarities / by Sir Charles Linné: translated from Gmelin, Fabricius, Willdenow, &c . . . with a life of Linné and a dictionary of the terms of natural history. Vol. 3. London: A. Lackington. 784 pp.

Tuxen, S.L., ed. 1956. Taxonomist's glossary of genitalia in insects. Copenhagen: E. Munksgaard, 284 pp.

Tuzet, O. 1977. Les spermatogenèse. *In* P.-P. Grassé (editor), Traité de zoologie. Anatomie, systématique, biologie. Vol. 8 (insectes) (5A): 139–276. Paris: Masson, [8] + 680 pp.

Tyagi, B.K. 1987. Review of the cytotaxonomy of Isoptera (Insecta) with a description of the male germ cell chromosomes of *Microcerotermes beesoni* Snyder from the Dehradun Valley, India. Indian Review of Life Sciences 7: 263–272.

Tyagi, B.K., and P.K. Sen-Sarma. 1997. Morphology of the spermatozoa of *Microcerotermes beesoni* Snyder, with reference to termite phylogeny (Isoptera: Termitidae). Uttar Pradesh Journal of Zoology 17 (3): 245–246.

Uchima, S.Y., and J.K. Grace. 2003a. Characteristics of *Coptotermes vastator* (Isoptera: Rhinotermitidae) colonies on Oahu, Hawaii. Sociobiology 41 (2): 281–288.

Uchima, S.Y., and J.K. Grace. 2003b. Comparative feeding rates of *Coptotermes vastator* and *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 41 (2): 289–294.

Umeh, V.C., M.F. Ivbijaro, and F.K. Ewete. 1999. Relationship between characteristics of *Macrotermes* spp. mound materials and their surrounding soils. Insect Science and Its Application 19 (2–3): 251–255.

Urquhart, F.A. 1953. The introduction of the termite into Ontario. Canadian Entomologist 85 (8): 292–293.

Urquhart, F.A. 1955. A new locality record for the termite in Ontario. Canadian Entomologist 86 (12) [1954]: 576.

Uva, P., J.-L. Clément, and A.-G. Bagnères. 2004a. Colonial and geographic variations in agonistic behaviour, cuticular hydrocarbons and mtDNA of Italian populations of *Reticulitermes lucifugus* (Isoptera, Rhinotermitidae). Insectes Sociaux 51: 163–170.

Uva, P., J.-L. Clément, J.W. Austin, J. Aubert, V. Zaffagnini, A. Quintana, and A.-G. Bagnères. 2004b. Origin of a new *Reticulitermes* termite (Isoptera, Rhinotermitidae) inferred from mitochondrial and nuclear DNA data. Molecular Phylogenetics and Evolution 30 (2): 344–353.

Uys, V.M. 1991. Biosystematic studies of the termite genus *Lepidotermes* Sjöstedt (Termitidae). Proceedings of the eighth entomological congress organised by the Entomological Society of Southern Africa, Bloemfontein, 1–4 July, 1991: 162.

Uys, V.M. 1994a. A systematic revision of the genus *Lepidotermes* Sjöstedt (Isoptera: Termitidae). Entomology Memoir, Department of Agricultural and Technical Services (South Africa) 90: [4] + 1–53.

Uys, V.M. 1994b. *Batillitermes monachus* (Isoptera: Termitidae: Termitinae), a new termite genus and species from Southern Africa. African Entomology 2 (1): 53–56.

Uys, V.[M.]. 2002. A guide to the termite genera of southern Africa. Pretoria: ARC-Plant Protection Research Institute Handbook No. 15, 116 pp.

Valiachmedov, B.V. 1973. On the termites of Tadzhikistan. *In* A.O. Tashliev, A.N. Luppova, and K. Cacaliev (editors), Study of termites and development of anti-termite measures: 210–211. Ashkabad, Turkmenistan: Institute of Zoology, Akademiya Nauk Turkmenskoi SSR, 216 pp. [in Russian]

Valiachmedov, B.V. 1981. Termites *Anacanthotermes ahngerianus* (Isoptera, Hodotermitidae) and their influence on takyr formation in South-Western Tadjikistan (Central Asia). Pedobiologia 21: 242–256. [in Russian]

Valterová, I., J. Křeček, and J. Vrkoč. 1984. Frontal gland secretions and ecology of the Greater Antillean termite *Nasutitermes hubbardii* [sic] (Isoptera, Termitidae). Acta Entomologica Bohemoslovaca 81: 416–425 + 1 pl.

Valterová, I., M. Budésinský, J. Křeček, and J. Vrkoč. 1987. Isolation and identification of the defensive compounds of the termite species *Nasutitermes nigriceps*. *In* J. Eder, and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 410–411. Munich: J. Peperny, xxxv + 16 + 757 pp.

Valterová, I., J. Křeček, and J. Vrkoč. 1988. Chemical composition of frontal gland secretion in soldiers of *Velocitermes velox* (Isoptera, Termitidae) and its biological activity. Acta Entomologica Bohemoslovaca 85: 241–148.

Valterová, I., J. Křeček, and J. Vrkoč. 1989. Intraspecific variation in the defence secretions of *Nasutitermes ephratae* soldiers and the biological activity of some of their components. Biochemical Systematics and Ecology 17 (4): 327–332.

Valterová, I., J. Vrkoč, M. Lindstrom, and T. Norin. 1992. On the natural occurrence of (–)-3-carene, a component of termite defense secretions. Naturwissenschaften 79: 416–417.

Valterová, I., J. Vrkoč, and T. Norin. 1993. The enantiomeric composition of monoterpene hydrocarbons in the defensive secretions of *Nasutitermes* termites (Isoptera): inter- and intraspecific variations. Chemoecology 4 (2): 120–123.

Van Boven, J.K.A. 1956. Synopsis der von P. Dr. Erich Wasmann S.J. (1859–1931) als neu beschriebenen Tierformen. Publicatiës van het Natuurhistorisch Genootschap in Limburg 9: 115–141.

Van Boven, J.K.A. 1969a. The termite types of the Wasmann Collection in the Natuurhistorisch Museum of Maastricht. Publicatiës van het Natuurhistorisch Genootschap in Limburg 19 (1–2): 37–61.

Van Boven, J.K.A. 1969b. Isoptera. Museum Wasmannianum. Collectie opgesette exemplaren. Maastricht, the Netherlands: Natuurhistorisch Museum, 7 pp.

Van Boven, J.K.A. 1969c. Isoptera. Museum Wasmannianum. Alcohol collectie. Maastricht, the Netherlands: Natuurhistorisch Museum, 27 pp.

Van der Linde, T.C. de K., P.H. Hewitt, M.C. van der Westhuizen, and J. Mitchell. 1989. The use of $^{131}$I, $^{125}$I and aggressive behaviour to determine the foraging area of *Hodotermopsis mossambicus* (Hagen) (Isoptera: Hodotermitidae). Bulletin of Entomological Research 79: 537–544.

Van Dinther, J.B.M. 1960. Insect pests of cultivated plants in Surinam (Agriculture Experiment Station, Surinam, Bulletin No. 76). Wageningen, the Netherlands: Veenman, 159 pp.

van der Werff, P.A. 1981. Two mound types of *Macrotermes* near Kajiado (Kenya): intraspecific variation or interspecific divergence? *In* P.E. Howse and J.-L. Clément (editors), Biosystematics of social insects: 231–248. New York: Academic Press, [14] + 346 pp.

van der Westhuizen, M.C., P.H. Hewitt, and T.C. de K. Van der Linde. 1987. Physiological changes during colony establishment in the termite *Hodotermes mossambicus* (Hagen): energy reserves—neutral lipids and glycogen. Insect Biochemistry 17 (6): 793–797.

Van Pelt, A. 1993. Notes on the termites (Isoptera) of Big Bend National Park, Texas. Southwestern Entomologist 18 (2): 149–150.

Van Ryn, R. 1973. La diverticule aveugle de l'intestin postérieur de quelques Termitinae de la lignée *Thoracotermes* (Isoptera—Termitidae). Revue de Zoologie et de Botanique Africaines 87 (3): 493–500.

Van Ryn, R. 1974. Corrélation entre la poussée des carpophores de *Termitomyces* (Heim) et l'essaimage de Macrotermitinae (Isoptera) dans la région de Kinshasa. Revue de Zoologie Africaine (Tervuren) 88 (4): 703–705.

Van Ryn, R. 1975a. La sex-ratio chez trois Macrotermitinae (Isoptera) de la région de Kinshasa (République du Zaïre). Revue Zoologique Africaine (Bruxelles) 89 (2): 447–450.

Van Ryn, R. 1975b. Essaimages de *Pseudacanthotermes militaris* Hagen dans la région de Kinshasa (Isoptera—Macrotermitinae). Revue Zoologique Africaine (Bruxelles) 89 (4): 955–963.

Van Zwaluwenburg, R.H. 1948. A termite on Canton Island. Proceedings of the Hawaiian Entomological Society 13 (2): 207.

Van Zwaluwenburg, R.H. 1952. *Calotermes* from Canton Island. Proceedings of the Hawaiian Entomological Society 14 (3): 351.

Vanni, S., L. Bartolozzi, and S. Whitman-Mascherini. 1986. Cataloghi del Museo di Storia Naturale dell'Università di Firenze—Sezione de Zoologia. IV. Insecta Isoptera e Insecta Hemiptera: tipi. Atti della Società Toscana di Scienze Naturali, Memorie, Serie B 92 [1985]: 241–245.

Vargas-Niño, A.P., O.D. Sánchez-Muñoz, and F.J. Serna-Cardona. 2005. Lista de los géneros de Termitidae (Insecta: Isoptera) de Colombia. Biota Colombiana 6 (2): 181–190.

Vargo, E.L. 2000. Polymorphism at trinucleotide microsatellite loci in the subterranean termite *Reticulitermes flavipes.* Molecular Ecology 9: 817–829.

Vargo, E.L. 2003a. Hierarchical analysis of colony and population genetic sructure of the eastern subterranean termite, *Reticulitermes flavipes,* using two classes of molecular markers. Evolution 57 (12): 2805–2818.

Vargo, E.L. 2003b. Genetic structure of *Reticulitermes flavipes* and *R. virginicus* (Isoptera: Rhinotermitidae) colonies in an urban habitat and tracking of colonies following treatment with hexaflumuron bait. Environmental Entomology 32 (5): 1271–1282.

Vargo, E.L., and J.R. Carlson. 2006. Comparative study of breeding systems of sympatric subterranean termites (*Reticulitermes flavipes* and *R. hageni*) in central North Carolina using two classes of molecular genetic markers. Environmental Entomology 35 (1): 173–187.

Vargo, E.L., and G. Henderson. 2000. Identification of polymorphic microsatellite loci in the Formosan subterranean termite *Coptotermes formosanus* Shiraki. Molecular Ecology 9: 1935–1938.

Vargo, E.L., and C. Husseneder. 2009. Biology of subterrean termites: insights from molecular studies of *Reticulitermes* and *Coptotermes.* Annual Review of Entomology 54: 379–403.

Vargo, E.L., and C. Husseneder. 2010. Genetic structure of termite colonies and populations. *In* D.E. Bignell, Y. Roisin, and N. Lo (editors), Biology of termites: a modern synthesis: 321–347. Dordrecht: Springer, xiv + 576 pp.

Vargo, E.L., C. Husseneder, and J.K. Grace. 2003a. Colony and population genetic structure of the Formosan subterranean termite, *Coptotermes formosanus,* in Japan. Molecular Ecology 12: 2599–2608.

Vargo, E.L., C. Husseneder, J.K. Grace, G. Henderson, and D. Ring. 2003b. Colony and population genetic structure of Formosan subterranean termites from Hawaii and Louisiana. Sociobiology 41 (1): 67–69.

Vargo, E.L., C. Husseneder, D. Woodson, M.G. Waldvogel, and J.K. Grace. 2006a. Genetic analysis of colony and population structure of three introduced populations of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in the continental United States. Environmental Entomology 35 (1): 151–166.

Vargo, E.L., T.R. Juba, and C.J. DeHeer. 2006b. Relative abundance and comparative breeding structure of subterranean termite colonies (*Reticulitermes flavipes, Reticulitermes hageni, Reticulitermes virginicus,* and *Coptotermes formosanus*) in a South Carolina low country site as revealed by molecular markers. Annals of the Entomological Society of America 99 (6): 1101–1109.

Varma, R.V. 1977. Hitherto unknown imago caste of *Postelectrotermes nayari* Roonwal and Verma, 1971 (Isoptera: Kalotermitidae). Indian Forester 103 (3): 220–224.

Varma, R.V. 1979a. Corpora allata of *Postelectrotermes nayari* (Isoptera: Kalotermitidae). Current Science (Bangalore) 48 (15): 699.

Varma, R.V. 1979b. Sternal gland and mechanism of trail-laying in the termite *Postelectrotermes nayari* (Isoptera: Kalotermitidae). Entomon 4 (3): 229–236.

Varma, R.V. 1980. Tergal gland and its probable role in sex attraction in the termite, *Postelectrotermes nayari.* Proceedings of the Indian Academy of Sciences (Animal Sciences) 89 (6): 551–556.

Varma, R.V. 1981. Studies on the neurosecretory system of *Postelectrotermes nayari* (Isoptera, Kalotermitidae). Journal of Animal Morphology and Physiology 28 (1–2): 180–185.

Varma, R.V. 1985. Hormonal mechanisms of soldier differentiation in *Postelectrotermes nayari. In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 239–244. Oxford: Pergamon Press, xiv + 405 pp.

Varma, R.V. 1990. Effect of juvenile hormone analogues on *Odontotermes guptai* (Isoptera: Termitidae) under laboratory conditions. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 612–613. Leiden: E.J. Brill, xxxi + 765 pp.

Vasconcellos, A. 2002. A new species of *Ibitermes* (Isoptera, Termitidae) from the Atlantic Forest, northeastern Brazil. Iheringia Série Zoologia 92 (2): 53–56.

Vasconcellos, A. 2010. Biomass and abundance of termites in three remnant areas of Atlantic forest in northeastern Brazil. Revista Brasileira de Entomologia 54 (3): 455–461.

Vasconcellos, A., and A.G. Bandeira. 2006. Populational and reproductive status of a polycalic colony of *Nasutitermes corniger* (Isoptera, Termitidae) in the urban area of João Pessoa, NE Brazil. Sociobiology 47 (1): 165–174.

Vasconcellos, A., A.G. Bandeira, C.S. Miranda, and M.P. Silva. 2002. Termites (Isoptera) pests in buildings in João Pessoa, Brazil. Sociobiology 40 (3): 639–644.

Vasconcellos, A., A.C.S. Mélo, E. de M. Vasconcelos Segundo, and A.G. Bandeira. 2005. Cupins de duas florestas de restinga do nordeste Brasileiro. Iheringia Série Zoologia 95 (2): 127–131.

Vasiljev, I.V. 1911a. Einige Mitteilungen über die transkaspischen und die turkestanischen Termiten (*Hodotermes ahngerianus* Jacobs. u. *H. turkestanicus* Jacobs.) (Isoptera). Revue Russe d'Entomologie 11 (2): 235–245.

Vasiljev, I.V. 1911b. Zwei neue Arten von Termiten (Isoptera) aus Mittelasien. Revue Russe d'Entomologie 11 (2): 268–270.

Vasiljev, I.V. 1912. Quelques observations sur les moeurs du *Hodotermes turkestanicus* Jacobs. et la description de la reine néotenique chez cette espèce. Revue Russe d'Entomologie 12: 241–243. [in Russian, with French title]

Vauchot, B., E. Provost, A.G. Bagnères, and J.-L. Clément. 1996. Regulation of the chemical signatures of two termite species, *Reticulitermes santonensis* and *Reticulitermes lucifugus grassei,* living in mixed experimental colonies. Journal of Insect Physiology 42 (4): 309–321.

Vauchot, B., E. Provost, and J.-L. Clément. 1997. Pattern of recovery of species-specific cuticular hydrocarbon mixtures by *Reticulitermes santonensis* and *Reticulitermes lucifugus grassei* after being removed from a mixed group. Is the acquisition of allospecific hydrocarbons reversible? Archives of Insect Biochemistry and Physiology 35 (3): 237–259.

Vauchot, B., E. Provost, A.-G. Bagneres, G. Riviere, M. Roux, and J.-L. Clément. 1998. Differential adsorption of allospecific hydrocarbons by the cuticles of two termite species, *Reticulitermes santonensis* and *R. lucifugus grassei,* living in a mixed colony. Journal of Insect Physiology 44 (1) [1997]: 59–66.

Vayssière, P., and J. Mimeur. 1925. Sur quelques insectes nuisibles au cotonnier en Afrique occidentale française. *Microtermes* (*Ancistrotermes*) *soudanensis* Sjöst. Agronomie Coloniale (Paris) 93: 89–90.

Veeranna, G., and S. Basalingappa. 1984. Distribution of various castes in different parts of the mound of the termite, *Odontotermes wallonensis* Wasmann (Isoptera: Termitidae). Entomon 9 (3): 217–220.

Veeranna, G., and S. Basalingappa. 1989. Nesting pattern of the termites *Odontotermes obesus* Rambur and *Odontotermes wallonensis* Wasmann (Isoptera: Termitidae). Insect Science and Its Application 10 (2): 169–180.

Veeranna, G., and S. Basalingappa. 1990. Population density in different parts of the mound nests of the termite, *Odontotermes obesus* (Rambur) and their functional behaviour. Entomon 15 (1–2): 59–61.

Veivers, P.C., R.W. O'Brien, and M. Slaytor. 1980. The redox state of the gut of termites. Journal of Insect Physiology 26: 75–77.

Veivers, P.C., A.M. Musca, R.W. O'Brien, and M. Slaytor. 1982. Digestive enzymes of the salivary glands and gut of *Mastotermes darwiniensis.* Insect Biochemistry 12 (1): 35–40.

Veivers, P.C., R.W. O'Brien, and M. Slaytor. 1983. Selective defaunation of *Mastotermes darwiniensis* and its effect on cellulose and starch metabolism. Insect Biochemistry 13 (1): 95–101.

Veivers, P.C., R. Mühlmann, M. Slaytor, R.H. Leuthold, and D.E. Bignell. 1991. Digestion, diet and polyethism in two fungus-growing termites: *Macrotermes subhyalinus* Rambur and *M. michaelseni* Sjöstedt. Journal of Insect Physiology 37 (9): 675–682.

Velasco, C.M.V., A.A. Barrion, and A.L.A. Barrion. 2006. Egg chromosomes of subterranean termite *Hospitalitermes luzonensis* Oshima (Isoptera: Termitidae). Philippine Entomologist 20 (1): 94–101.

Velonà, A., S. Ghesini, A. Luchetti, M. Marini, and B. Mantovani. 2010. Starting from Crete, a phylogenetic reanalysis of the genus *Reticulitermes* in the Mediterranean area. Molecular Phylogenetics and Evolution 56: 1051–1058.

Venturi, F. 1965. Termiti e latifoglie arboree ornamentali nel Pisano. Circolare, Osservatorio per la Malattie delle Piante (Entomologia) (Pisa) 4: 1–16 + 7 pls.

Verma, A.N. 1986. Occurrence of different termite species in Haryana. Haryana Agricultural University Journal of Research 16 (1): 77–82.

Verma, S.C. 1980. Termites (Insecta: Isoptera). *In* B.S. Lamba and R.K. Bhatnagar (editors), Fauna of Corbett National Park: 45–46. Cheetal 21 (2–3): 43–48.

Verma, S.C. 1983. A new species of the termite genus *Pericapritermes* Silvestri (Termitidae: Termitinae) from Kerala, India, with distributions and keys to Oriental species of the genus. Indian Journal of Forestry 6 (4): 296–301.

Verma, S.C. 1984a. On a collection of termites (Isoptera: Insecta) from Nagaland, nor[t]h-east India. Indian Journal of Forestry 7 (1): 81–82.

Verma, S.C. 1984b. On a collection of termites (Insecta: Isoptera) from Kerala (India) with a new species of and keys to the Indian species of *Angulitermes* Sjöstedt. Records of the Zoological Survey of India 81 (3–4): 237–254.

Verma, S.C. 1984c. Association of eight species of termites (Isoptera) in a small log in India. Annals of Entomology (Dehra Dun) 2 (2): 45–47.

Verma, S.C. 1985a. On a collection of termites (Insecta: Isoptera) from Kerala (India) with a new species of *Pseudocapritermes* Kemner (Part II). Indian Journal of Forestry 8 (3): 176–183.

Verma, S.C. 1985b. *Microcerotermes pakistanicus* Akhtar (Termitidae: Amitermitinae) from Kerala, India, with descriptions of hitherto unknown imago and worker castes. Annals of Entomology (Dehra Dun) 3 (1): 53–57.

Verma, S.C. 1985c. A new species of termite genus *Dicuspiditermes* Krishna (Termitidae: Termitinae) from Kerala, India with distribution of the known species of the genus. Annals of Entomology (Dehra Dun) 3 (2): 7–11.

Verma, S.C. 1985d. Termites from Jammu and Kashmir State (India), with new records, key and remarks on zoogeography. Indian Journal of Forestry 7 (4) [1984]: 305–314.

Verma, S.C. 1986. Associations in termite (Insecta: Isoptera) species from India. Journal of the Indian Academy of Wood Science 17 (1): 46–52.

Verma, S.C. 1987a. The mound of the termite *Odontotermes parvidens,* with associated nest of *Euhamitermes lighti* and *Microtermes unicolor* (Isoptera: Termitidae) in the Doon Valley, Uttar Pradesh, India. Indian Journal of Forestry 9 (3) [1986]: 241–244.

Verma, S.C. 1987b. Swarming behaviour of the termite *Odontoiermes* [sic] *feae* (Termitidae: Macrotermitinae) in Dehra Dun (N.W. India). Indian Journal of Forestry 10 (1): 13–15.

Verma, S.C. 1988. Second type of mound of *Odontotermes gurdaspurensis* Holmgren and Holmgren (Termitidae) from Haryana, India. Annals of Entomology (Dehra Dun) 6 (2): 71–75.

Verma, S.C. 1989a. Termite pests of forestry and agriculture in Haryana, India. Indian Journal of Forestry 12 (1): 1–6.

Verma, S.C. 1989b. The termite *Amitermes belli* (Desneux) as a pest of *Salvadora oleoides* Decne, from Rajasthan, India. Indian Journal of Forestry 12 (2): 95.

Verma, S.C. 1989c. Hitherto unknown queen, soldier, and worker castes of *Odontotermes dehraduni* (Snyder) from Uttar Pradesh, India [Termitidae]. Indian Journal of Forestry 11 (4) [1988]: 310–315.

Verma, S.C. 1990. Termites from Uttar Pradesh Tarai Region (India) with a key for identification of species. Indian Journal of Forestry 12 (4) [1989]: 296–301.

Verma, S.C. 1994. Termite pests of *Eucalyptus* from Rajaji National Park, Uttar Pradesh, India. Indian Journal of Forestry 16 (4) [1993]: 328–335.

Verma, S.C. 1995a. Isoptera. *In* A.K. Ghosh (editor), Fauna of western Himalaya. Part 1: Uttar Pradesh: 47–50. Calcutta: Zoological Survey of India, [6] + 228 pp. + 10 pls.

Verma, S.C. 1995b. Termite pests (Insecta: Isoptera) of *Eucalyptus* plantations in Dehra Dun district, Uttar Pradesh, India. Zoology (Journal of Pure and Applied Zoology) 5 (1): 43–47.

Verma, S.C. 1995c. Fauna of Rajaji National Park. Termites (Insecta: Isoptera)—check list, association in species, and pest of eucalyptus. Zoological Survey of India Fauna of Conservation Areas 5: 217–235 + 1 pl.

Verma, S.C., and R.N. Bhargava. 1976. Extension of range of the termite *Odontotermes guptai* Roonwal and Bose (Isoptera: Termitidae: Macrotermitinae). Journal of the Bombay Natural History Society 73 (1): 229–230.

Verma, S.C., and G.L. Purohit. 1993. Termites (Insecta: Isoptera) of Rajaji National Park, Uttar Pradesh, India. Zoology (Journal of Pure and Applied Zoology) 3 (3): 195–210.

Verma, S.C., and G.L. Purohit. 1996. Additions to the termite (Insecta: Isoptera) fauna of Rajasthan, India. Indian Journal of Forestry 19 (3): 237–240.

Verma, S.C., and N.S. Rathore. 1993. Association in termite species from Rajaji National Park, Uttar Pradesh, India. Indian Journal of Forestry 16 (2): 107–114.

Verma, S.C., and N.S. Rathore. 1995. Termites (Insecta: Isoptera) of Thar Desert. A review. Including catalogue of species and key to soldier caste. Zoology (Journal of Pure and Applied Zoology) 5 (1): 21–34.

Verma, S.C., and R.K. Thakur. 1976a. New records of termite *Odontotermes gurdaspurensis* Holmgren and Holmgren (Isoptera: Termitidae: Macrotermitinae) from Madhya Pradesh and Uttar Pradesh, India. Journal of the Indian Academy of Wood Science 7 (1): 36–37.

Verma, S.C., and R.K. Thakur. 1976b. On the occurrence of *Heterotermes gertrudae* Roonwal (Isoptera: Rhinotermitidae: Heterotermitinae) in Dehra Dun Valley, Uttar Pradesh, India. Newsletter, Zoological Survey of India 2 (4): 140.

Verma, S.C., and R.K. Thakur. 1977a. New distributional records of termites (Isoptera) from Jodhpur, Rajasthan, India. Newsletter, Zoological Survey of India 3 (1): 14–16.

Verma, S.C., and R.K. Thakur. 1977b. New records of termites (Insecta: Isoptera) from Pune, Maharastra, India. Newsletter, Zoological Survey of India 3 (5): 259–264.

Verma, S.C., and R.K. Thakur. 1977c. New records of termites (Insecta: Isoptera) from Bihar and Orissa, India. Newsletter, Zoological Survey of India 3 (6): 361–365.

Verma, S.C., and R.K. Thakur. 1977d. New records of distribution of termite species, *Odontotermes horai* (Roonwal and Chhotwani [sic]) and *Odontotermes redemanni* (Wasmann) from Doon Valley, Uttar Pradesh, India. Labdev Journal of Science and Technology (B) 13: 225–226.

Verma, S.C., and R.K. Thakur. 1978. A new species of *Nasutitermes* Dudley (Isoptera Termitidae: Nasutitermitinae) from Corbett National Park, Uttar Pradesh. Journal of the Indian Academy of Wood Science 9 (1): 50–55.

Verma, S.C., and R.K. Thakur. 1979. Colony foundation by budding in *Euhamitermes lighti* Snyder (Isoptera: Termitidae: Amitermitinae). Journal of the Indian Academy of Wood Science 10 (2): 88–89.

Verma, S.C., and R.K. Thakur. 1982. Termites from Madhya Pradesh, India, with new distributional records (Insecta: Isoptera). Records of the Zoological Survey of India 79: 311–318.

Verma, S.C., G.L. Purohit, and N.S. Rathore. 1993. The termites (Isoptera) of Haryana, India. Zoology (Journal of Pure and Applied Zoology) 3 (3): 211–225.

Verron, A. 1967. La répartition des termites français dans le department des Pyrénées-Orientales. Comptes Rendus de Ve Congrès de l'Union Internationale pour l'Étude des Insectes Sociaux, Toulouse, 1965 1967: 177–186.

Verron, H. 1957. Interattraction olfactive chez *Calotermes flavicollis*. I. Pouvoir attractif des larves a l'égard des différentes castes. Insectes Sociaux 4 (1): 25–30.

Verron, H. 1963. Rôle des stimuli chimiques dans l'attraction sociale chez *Calotermes flavicollis* (Febr.). Insectes Sociaux 10 (2, 3, 4): 167–177, 185–296, 297–336.

Vesey-Fitzgerald, D. 1941. Some insects of economic importance in Seychelles. Bulletin of Entomological Research 32 (2): 153–160.

Vesey-Fitzgerald, D. 1949. Termites. Nature Lover 6: 449–451.

Vickery, V.R., and D.K.McE. Kevan. 1985. The insects and arachnids of Canada. Part 14. The grasshoppers, crickets and related insects of Canada and adjacent regions: Ulonata, Dermaptera, Cheleutoptera, Notoptera, Dictuoptera, Grylloptera, and Orthoptera. Ottawa: Biosystematics Research Institute: Research Branch, Agriculture Canada, 918 pp.

Vieau, F. 1988. Morphologie, histochimie et ultrastructure des glandes accessoires et des canaux déférents de l'appareil génital mâle des imagos de *Kalotermes flavicollis* Fabr. (Isoptera). Annales des Sciences Naturelles, Zoologie 9: 177–193.

Vieau, F. 1990. L'influence du mâle sur l'activité reproductrice de la femelle dans les jeunes colonies expérimentales de *Kalotermes flavicollis* Fabr. Insectes Sociaux 37 (2): 169–180.

Vieau, F. 1991. Le termite de Saintonge: un danger pour l'ouest de la France. Penn Ar Bed (Brest) 140: 19–32.

Vieau, F. 1993. Le termite de Saintonge *Reticulitermes santonensis* Feytaud: termite urbain. Bulletin de la Société Zoologique de France 118 (2): 125–133.

Vieau, F. 1994. Les stades nymphaux 7 et 8 chez *Reticulitermes santonensis* Feytaud (Isoptera, Rhinotermitidae). Actes des Colloques Insectes Sociaux 9: 61–66.

Vieau, F. 1996. Les variations saisonnières des castes chez le termite *Reticulitermes santonensis* Feytaud (Isoptera: Rhinotermitidae) dans un biotope de l'ouest de la France. Annales de la Société Entomologique de France (n.s.) 32 (2): 207–216.

Vieau, F. 1999. Biologie comparée de *Reticulitermes santonensis* Feytaud et *Reticulitermes lucifugus* Rossi (Isoptera, Rhinotermitidae) en France: différences d'implantation urbaine et forestière, cycles reproducteurs. Actes des Colloques Insectes Sociaux 12: 151–158.

Vieau, F. 2001. Comparison of the spatial distribution and reproductive cycle of *Reticulitermes santonensis* Feytaud and *Reticulitermes lucifugus grassei* Clément (Isoptera, Rhinotermitidae) suggests that they reprosent introduced and native species, respectively. Insectes Sociaux 48: 57–62.

Viggiani, G. 1973. La specie descritte da Filippo Silvestri (1873–1949). Bollettino del Laboratorio di Entomologia Agraria di Portici 30: 351–417.

Villan E., L.A. 1972. El genero *Porotermes* Hagen en Chile (Isoptera, Termopsidae). Boletín de la Sociedad de Biología de Concepción 44: 39–45.

Villan E., L.A. 1982. Descripcion de las castas de *Porotermes quadricollis* (Rambur, 1842). Isoptera, Termopsidae, Porotermitinae. Boletín de la Sociedad de Biología de Concepción 53: 151–161.

Villers, C., de. 1789a. Caroli Linnaei entomologia, faunae suecicae descriptionibus aucta; DD. Scopoli, Geoffroy, de Geer, Fabricii, Schrank, &c. Speciebus vel in systemate non enumeratis, vel nuperrime detectis, vel speciebus galliae australis locupletata, generum specierumque rariorum iconibus ornata. Vol. 3. Lugduni [Lyons], France: Piestre et Delamolliere, 657 pp. + 4 pls.

Villers, C., de. 1789b. Caroli Linnaei entomologia, faunae suecicae descriptionibus aucta; DD. Scopoli, Geoffroy, de Geer, Fabricii, Schrank, &c. Speciebus vel in systemate non enumeratis, vel nuperrime detectis, vel speciebus galliae australis locupletata, generum specierumque rariorum iconibus ornata. Vol. 4. Lugduni [Lyons], France: Piestre et Delamolliere, 556 + ccxiii pp. + 1 pl.

Villet, M.H. 1992. Definition of "caste" in social insects. Ethology Ecology and Evolution 4 (3): 213–224.

Vincke, P.P. 1974. Chromosome numbers in Termitidae (Isoptera). Current Science (Bangalore) 43 (21): 698–699.

Vincke, P.P., and J.P. Tilquin. 1978a. A sex-linked ring quadrivalent in Termitidae (Isoptera). Chromosoma (Berlin) 67: 151–156.

Vincke, P.P., and J.P. Tilquin. 1978b. Evidence of two centric fusions in chromosome complements of *Noditermes lamanianus.* Canadian Journal of Genetics and Cytology 20: 483–484.

Vincke, P.P., and J.P. Tilquin. 1978c. Un cas de variation ascendante du nombre chromosomique de base dans le genre *Microcerotermes* Silvestri (Isoptera, Termitidae). Revue de Zoologie Africaine (Tervuren) 92 (2): 355–358.

Vincke, P.P., and J.P. Tilquin. 1980. Nombres chromosomiques de quelques Termitidae Sud-Africains (Isoptera). Revue de Zoologie Africaine (Tervuren) 94 (4): 807–810.

Vishnoi, H.S. 1954. On neoteinic termites from a colony of *Microcerotermes beesoni* Snyder (Isoptera, Termitidae). Current Science (Bangalore) 23 (1): 28–29.

Vishnoi, H.S. 1956. The structure, musculature and mechanism of the feeding apparatus of the various castes of the termite *Odontotermes obesus* (Rambur). Journal of the Zoological Society of India 8 (1): 1–18.

Vishnoi, H.S. 1957. The swarming termites of Delhi. Journal of the Bombay Natural History Society 54 (3): 792–793.

Vishnoi, H.S. 1962. A review of termite fauna from Delhi and its environs. *In* [M.L. Roonwal (editor)], Termites in the humid tropics: proceedings of the New Delhi symposium [4–12 October 1960]: 107–109. Paris: UNESCO, 259 pp.

Vishniakova, V.H. 1968. Mesozoic blattids with external ovipositor and peculiarities of their reproduction. *In* B.B. Rohdendorf (editor), Jurassic insects of Karatau: 55–86. Moscow: Akademiya Nauk SSSR Ordelenie Obshchej Biologii, 252 pp. [in Russian]

Vishniakova, V.H. 1971. The structure of the abdominal appendages of Mesozoic cockroaches. Trudy Paleontologicheskogo Instituta, Akademiya Nauk SSSR 130: 174–186.

Vishwanath, B.C. 1993. Swarming behaviour and environmental hazards to the reproductives of the termites, *Odontotermes obesus, Odontotermes brunneus* and *Odontotermes wallonensis.* Journal of Nature Conservation 5 (1): 1–8.

Vittal, M. 1959. Observations on and diagnosis of the flagellate genus *Pseudotrichonympha* Grassi and Foa 1911. Journal of the Zoological Society of India 2 (1): 43–51.

Vohland, K., and J. Deckert. 2005. Termites (Isoptera) along a north-south transect in Namibia and South Africa. Entomologische Zeitschrift 115 (3): 109–115.

Vrkoč, J., and K. Ubik. 1974. 1-nitro-trans-1-pentadecene as the defensive compound of termites. Tetrahedron Letters 15: 1463–1464.

Vrkoč, J., K. Ubik, L. Dolejš, and I. Hrdý. 1973. On the chemical composition of frontal gland secretions in termites of the genus *Nasutitermes* (*N. costalis* and *N rippertii*; Isoptera). Acta Entomologica Bohemoslovaca 70: 74–80.

Vrkoč, J., J. Křeček, and I. Hrdý. 1978. Monoterpenic alarm pheromones in two *Nasutitermes* species. Acta Entomologica Bohemoslovaca 75: 1–8.

Vršanský, P. 2002. Origin and early evolution of Mantises. AMBA Projekty 6 (1): 1–16.

Vršanský, P. 2003. Unique assemblage of Dictyoptera (Insecta—Blattaria, Mantodea, Isoptera) from the Lower Cretaceous of Bon Tsagaan Nuur in Mongolia. Entomological Problems 33 (1–2): 119–151.

Vu, Q.M., H.H. Nguyen, and R.L. Smith. 2007. The termites (Isoptera) of Xuan Son National Park, northern Vietnam. Pan-Pacific Entomologist 83 (2): 85–94.

Wakano, J.Y., K. Nakata, and N. Yamamura. 1998. Dynamic model of optimal age polyethism in social insects under stable and fluctuating environments. Journal of Theoretical Biology 193: 153–165.

Walker, E.M. 1922. The terminal sructures of Orthopteroid insects: a phylogenetic study. Part II. The terminal abdominal structures of the male. Annals of the Entomological Society of America 15 (1): 1–88.

Walker, E.M. 1938. On the anatomy of *Grylloblatta campodeiformis* Walker. 3. Exoskeleton and musculature of the neck and thorax. Annals of the Entomological Society of America 31 (4): 588–640.

Walker, F. 1853. List of the specimens of neuropterous insects in the collection of the British Museum. Part III (Termitidae–Ephemeridae). London: Trustees of the British Museum, [4] + 477–585 pp.

Wall, M. 1969. Untersuchungen über die Tergaldrüse der Termite *Kalotermes flavicollis* (Fabr.) (Isoptera). *In* Proceedings of the VIth congress of the International Union for the Study of Social Insects, Bern, 15–20 September, 1969: 295–297. Bern: Zoological Institute, University of Bern, 309 pp.

Wall, M. 1971. Zur Geschlechtsbiologie der Termite *Kalotermes flavicollis* (Fabr.) (Isoptera). Acta Tropica 28 (1): 17–60.

Waller, D.A. (1996). Feeding interactions between the subterranean termite *Reticulitermes* (Isoptera; Rhinotermitidae) and the wood roach *Cryptocercus punctulatus* (Blattaria; Cryptocercidae). Sociobiology 28 (1): 45–52.

Waller, D.A., and J.P. La Fage. 1987a. Seasonal patterns in foraging groups of *Coptotermes formosanus* (Rhinotermitidae). Sociobiology 13 (3): 173–181.

Waller, D.A., and J.P. La Fage. 1987b. Food quality and foraging response by the subterranean termite *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae). Bulletin of Entomological Research 77: 417–424.

Waller, D.A., and J.P. La Fage. 1987c. Temperature-induced soldier differentiation in *Coptotermes formosanus* Shiraki (Rhinotermitidae). *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 301–302. Munich: J. Peperny, xxxv + 16 + 757 pp.

Waller, D.A., and J.P. La Fage. 1988a. Size variation in *Coptotermes formosanus* Shiraki (Rhinotermitidae): consequences of host use. American Midland Naturalist 119 (2): 436–440.

Waller, D.A., and J.P. La Fage. 1988b. Environmental influence on soldier differentiaion in *Coptotermes formosanus* Shiraki (Rhinotermitidae). Insectes Sociaux 35 (2): 144–152.

Waller, D.A., and J.P. La Fage. 1990. Termite competence for soldier differentiation. *In* G.K. Veeresh, B. Mallik, and C.A. Viraktamath (editors), Social insects and the environment: proceedings of the 11th international congress of IUSSI, 1990 (International Union for the Study of Social Insects): 190. Leiden: E.J. Brill, xxxi + 765 pp.

Wang, C., and J. Powell. 2001. Survey of termites in the Delta Experimental Forest of Mississippi. Florida Entomologist 84 (2): 222–226.

Wang, C., J.E. Powell, and Y. Liu. 2002. A literature review of the biology and ecology of *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in China. Sociobiology 40 (2): 343–364.

Wang, C., J.E. Powell, and R.H. Scheffrahn. 2003. Abundance and distribution of subterranean termites in southern Mississippi forests (Isoptera: Rhinotermitidae). Sociobiology 42 (2): 533–542.

Wang, (C.), X. Zhou, S. Li, M. Schwinghammer, M.E. Scharf, G. Buczkowski, and G.W. Bennett. 2009. Survey and identification of termites (Isoptera: Rhinotermitidae) in Indiana. Annals of the Entomological Society of America 102 (6): 1029–1036.

Wang, J., and J.K. Grace. 1999a. Chromosome number in *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 33 (3): 289–294.

Wang, J., and J.K. Grace. 1999b. Current status of *Coptotermes* Wasmann (Isoptera: Rhinotermitidae) in China, Japan, Australia and the American Pacific. Sociobiology 33 (3): 295–305.

Wang, J., and J.K. Grace. 2000a. Esterase differences among *Coptotermes formosanus* (Isoptera: Rhinotermitidae) populations. Sociobiology 36 (1): 1–6.

Wang, J., and J.K. Grace. 2000b. Genetic relationship of *Coptotermes formosanus* (Isoptera: Rhinotermitidae) populations from the United States and China. Sociobiology 36 (1): 7–19.

Wang, J., and J.K. Grace. 2000c. Genetic differentiation of *Coptotermes acinaciformis* populations (Isoptera: Rhinotermitidae) by esterase patterns. Sociobiology 36 (1): 21–31.

Wang, J., K. Masuko, O. Kitade, and T. Matsumoto. 1992. Allozyme variation and genetic differentiation of colonies in the damp wood termite *Hodotermopsis* of Japan and China. Scientific Papers of the College of Arts and Sciences, University of Tokyo 42 (1): 95–109.

Wang, Y.-A. 1986. 'Swarming' of *Coptotermes formosanus* Shiraki and its application in judging position of anthills. Zoological Research 7 (3): 233–242. [in Chinese, with English summary]

Wang, (Z.), J. Mo, and Y. Lu. 2009. Biology and ecology of *Macrotermes barneyi* (Isoptera: Termitidae). Sociobiology 54 (3): 777–785.

Wang, Z.G., and D.S. Li. 1984. A collection of termites from Henan Province with descriptions of new species. Journal of Henan Academy of Science 1: 67–81.

Wanyonyi, K. 1974. The influence of the juvenile hormone analogue ZR 512 (zoecon) on caste development in *Zootermopsis nevadensis* (Hagen) (Isoptera). Insectes Sociaux 21 (1): 35–44.

Wanyonyi, K., and M. Lüscher. 1973. The action of juvenile hormone analogues on caste development in *Zootermopsis* (Isoptera). Proceedings of the VIIth international congress of the International Union for the Study of Social Insects, London, 10–15 September, 1973: 392–395. London: International Union for the Study of Social Insects, vi + 418 pp.

Wanyonyi, K., J.P.E.C. Darlington, and R.K.N. Bagine. 1984. Checklist of the species of termites (Isoptera) recorded from East Africa. Journal of the East Africa Natural History Society and National Museum 181: 1–10 + [1 (errata)].

Wappler, T. 2003. Die Insekten aus dem Mittel-Eozän des Eckfelder Maares, Vulkaneifel. Mainzer Naturwissenschaftliches Archiv 27: viii + 1–234 + 18 pls.

Wappler, T., and M.S. Engel. 2006. A new record of *Mastotermes* from the Eocene of Germany (Isoptera: Mastotermitidae). Journal of Paleontology 80 (2): 380–385.

Ware, J.L., J. Litman, K.-D. Klass, and L.A. Spearman. 2008. Relationships among the major lineages of Dictyoptera: the effect of outgroup selection on dictyopteran tree topology. Systematic Entomology 33: 429–450.

Ware, J.L., S. Lal, and D.A. Grimaldi. 2010a. *Neotermes gnathoferrum* (Isoptera: Kalotermitidae), a new species from Fiji that infests Mahogany. Entomologica Americana 116 (1/2): 64–72.

Ware, J.L., D.A. Grimaldi, and M.S. Engel. 2010b. The effects of fossil placement and calibration on divergence times and rates: an example from the termites (Insecta: Isoptera). Arthropod Structure and Development 39: 204–219.

Warren, E. 1909a. Some statistical observations on termites, mainly based on the work of the late Mr. G.D. Haviland. Biometrika 6 (4): 329–347.

Warren, E. 1909b. Notes on the life-histories of Natal termites, based on the observations of the late Mr. G.D. Haviland. Annals of the Natal Museum 2 (1): 113–128.

Warren, E. 1919. Termites and termitophiles. South African Journal of Science 16 (2): 93–112 + 3 pls.

Wasmann, E. 1893. Einige neue Termiten aus Ceylon und Madagascar, mit Bemerkungen über der Gäste. Wiener Entomologische Zeitung 12 (7): 239–247.

Wasmann, E. 1894. Kritisches Verzeichniss der myrmekophilen und termitophilen Arthropoden. Mit Angabe der Lebensweise und mit Beschreibung neuer Arten. Berlin, Germany: Felix L. Dames, xvi + 231 pp.

Wasmann, E. 1896a. Neue Termitophilen und Termiten aus Indien. IV. Nachtrag. Annali del Museo Civico di Storia Naturale di Genova (2) 17: 149–152.

Wasmann, E. 1896b. Viaggio di Leonardo Fea in Birmania e regioni vicine LXXII. Neue Termitophilen und Termiten aus Indien. I–III. Annali del Museo Civico di Storia Naturale di Genova (2) 16: 613–630.

Wasmann, E. 1896c. Os hospedos das formigas e dos termites ("cupim") no Brasil. Parte I. Boletim do Museu Paraense de Historia Natural e Ethnographia 1 (3): 273–324.

Wasmann, E. 1897a. Beutetiere von *Polybia scutellaris* (White) Sauss. Zoologischer Anzeiger 20: 276–279.

Wasmann, E. 1897b. Termiten von Madagaskar und Ostafrika. (Voeltzkow, Wissenschaftliche Ergebnisse der Reisen in Madagaskar und Ost-Afrika, 1889–1895). Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft 21 (1): 137–182 + 2 pls.

Wasmann, E. 1897c. Viaggio di Leonardo Fea in Birmania e regioni vicine LXXVII. Einige neu termitophile Myrmedonien aus Birma. Annali del Museo Civico di Storia Naturale di Genova (2) 18: 28–31.

Wasmann, E. 1899. Neue termitophilen und myrmecophilen aus Indien. Deutsche Entomologische Zeitschrift [1899] (1): 145–169.

Wasmann, E. 1900a. Zur Beschreibung von *Termes obesus* Ramb. Deutsche Entomologische Zeitschrift [1900] (2): 402.

Wasmann, E. 1900b. Description of a termite associated with a pselaphid. *In* A. Raffray, Australian Pselaphidae: 244–245. Proceedings of the Linnean Society of New South Wales 25: 131–249.

Wasmann, E. 1901. Giebt es thatsächlich Arten, die heute noch in der Stammesentwicklung begriffen sind? Zugleich mit allgemeineren Bemerkungen über das Wesen der Symphilie. (118. Beitrag zur Kenntnis der Myrmekophilen und Termitophilen). Biologisches Centralblatt 21 (23): 737–752.

Wasmann, E. 1902a. Species novae insectorum termitophilorum ex America meridionali. Tijdschrift voor Entomologie 45: 95–107 + 1 pl.

Wasmann, E. 1902b. Verzeichniss der von Dr. W. Horn auf Ceylon 1899 gesammelten Termiten, Termitophilen und Myrmekophilen. Deutsche Entomologische Zeitschrift 46 (1): 79–80.

Wasmann, E. 1902c. Neues über die zusammengesetzten Nester und gemischten Kolonien der Ameisen. Allgemeine Zeitschrift für Entomologie 7: 293–298.

Wasmann, E. 1902d. Termiten, Termitophilen und Myrmekophilen gesammelt auf Ceylon von Dr. W. Horn 1899, mit anderm ostindischen Material bearbeitet. Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere 17 (1): 99–164 + 2 pls.

Wasmann, E. 1902e. Einige Bemerkungen zu Y. Sjöstedt "Monographie der Termiten Afrikas." Biologisches Centralblatt 22 (23): 714–717.

Wasmann, E. 1904a. Zur Kenntnis der Gäste der Trieberameisen u. ihrer Wirthe am obern Congo, nach den Sammlungen und Beobachtungen von P. Herm. Kohl C.S.S.C. bearbeitet. Zoologische Jahrbücher, Supplement 7: 611–682 + 3 pls.

Wasmann, E. 1904b. Remarques critiques sur la phylogénie et la division systematique des Termitides. Annales de la Société Entomologique de Belgique 48 (10): 370–371.

Wasmann, E. 1906. Beispiele rezenter Artenbildung bei Ameisengästen und Termitengästen. Biologisches Centralblatt 26 (17–18): 565–580.

Wasmann, E. 1908a. Zur Kastenbildung und Systematik der Termiten. Biologisches Centralblatt 28 (3): 68–73.

Wasmann, E. 1908b. Termitophilen. Ein neues termitophiles Staphylinidengenus (*Termitotelus schultzei*), nebst anderen Bermerkungen über die Gäste von *Hodotermes*. *In* L. Schultze (editor), Zoologische und antropologische Ergebnisse einer Forschungsreise im westlichen und zentralen Südafrika, ausgeführt in den Jahren 1903–1905 mit Unterstützung der Kgl. Preussischen Akademie der Wissenschaften zu Berlin. Erster Band: Systematik und Tiergeographie: 441–445 + 1 pl. Denkschriften der Medicinisch-Naturwissenschaftlichen Gesellschaft zu Jena, 13. Jena, Germany: Gustav Fischer, v + 504 pp. + 25 pls.

Wasmann, E. 1909. Escherich's neue Termitenstudie. Biologisches Centralblatt 29 (7): 216–224.

Wasmann, E. 1910a. Termiten von Madagaskar, den Comoren und Inseln Ostafrikas. *In* A. Voeltzkow (editor), Reise in Oskafrika in den Jahren 1903–1905: mit Mitteln der Hermann und Elise geb. Heckmann Wentzel-Stiftung Ausgeführt. Wissenschaftliche Ergebnisse. Band III. Systematische Arbeiten. Heft II: 115–127. Stuttgart: E. Schweizerbart'sche, 65–128 pp.

Wasmann, E. 1910b. Nils Holmgren's neue Termitenstudien und seine Exsudattheorie. (175. Beitrag zur Kenntnis der Myrmekophilen und Termitophilen.). Biologisches Centralblatt 30 (9): 303–310.

Wasmann, E. 1911a. K. Escherich, Termitenleben auf Ceylon. (Zugleich 189. Beitrag zur Kenntnis der Termitophilen.). Biologisches Centralblatt 31 (13–14): 394–412, 423–434.

Wasmann, E. 1911b. Berichtigung. Zoologischer Anzeiger 37 (5): 128.

Wasmann, E. 1911c. Zur Kenntnis der Termiten und Termitengäste von Belgischen Kongo. Revue Zoologique Africaine (Bruxelles) 1 (1–2): 91–117, 145–176.

Wasmann, E. 1912a. Nils Holmgren's "Termitenstudien," Systematik der Termiten. Biologisches Centralblatt 32 (9): 586–590.

Wasmann, E. 1912b. Ergebnisse der mit Subvention aus der Erbschaft Treitl unternommenen zoologischen Forschungreise. Dr. Franz Werner's nach dem ägyptischen Sudan und Nord-Uganda. XIX. Termiten. Sitzungsberichte der Akademie der Wissenschaften in Wien. Mathematisch-Naturwissenschaftliche Klasse. Abteilung I 121: 171–176.

Wasmann, E. 1912c. Neue Beiträge zur Kenntnis der Termitophilen und Myrmekophilen (No. 192). Zeitschrift für Wissenschaftliche Zoologie 101 (1–2): 70–115 + 3 pls.

Wasmann, E. 1913. Revision der Termitoxeniinae von Ostindien und Ceylon. Annales de la Société Entomologique de Belgique 57: 16–22.

Wasmann, E. 1915a. Nils Holmgren's "Termitenstudien" IV. Versuch einer systematischen Monographie der Termiten der orientalischen Region. Biologisches Centralblatt 35 (8–9): 379–385.

Wasmann, E. 1915b. Das Gesellschaftsleben der Ameisen. Das Zusammenleben von Ameisen verschiedener Arten und von Ameisen und Termiten. Vol. 1. Münster, Germany: Achendorffsche Verlagsbuchhandlung, xviii + 413 pp.

Wasmann, E. 1922. Die Paussiden des zoologischen Staatsinstituts und zoologischen Museums zu Hamburg. Mitteilungen aus dem Zoologischen Staatsinstitut und Zoologischen Museum in Hamburg 39: 12–38.

Wasmann, E. 1934. Die Ameisen, die Termiten und ihre Gäste. Vergleichende Bilder aus dem Seelenleben von Mensch und Tier. Regensburg, Germany: G.I. Manz, xviii + 148 pp.

Watanabe, D., and K. Maekawa. 2008. Frontal-pore formation during soldier differentiation induced by juvenile hormone III in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Sociobiology 52 (2): 437–447.

Watanabe, H., H. Takeda, and S. Ruaysoongnern. 1984. Termites of northeastern Thailand with special reference to changes in species composition due to shifting cultivation. Memoirs of the College of Agriculture, Kyoto University 125: 45–57.

Watanabe, H., H. Noda, G. Tokuda, and N. Lo. 1998. A cellulase gene of termite origin. Nature 394: 330–331.

Watanabe, D., I. Shirasaki, and K. Maekawa. 2010. Effects of juvenile hormone III on morphogenetic changes during a molt from each nymphal instar in the termite *Reticulitermes speratus* (Isoptera: Rhinotermitidae). Applied Entomology and Zoology (Tokyo) 45 (3): 377–386.

Waterston, J.M. 1940. Supplementary list of Bermuda insects. Department of Agriculture, Bermuda 1940: 1–9.

Waterston, J.M. 1941. A list of food-plants of some Bermuda insects. Department of Agriculture, Bermuda 1941: 1–63.

Watson, J.A.L. 1970. *Schedorhinotermes derosus,* a harvester termite in northern Australia (Isoptera: Rhinotermitidae). Insectes Sociaux 16 (3) [1969]: 173–178.

Watson, J.A.L. 1971. The development of "workers" and reproductives in *Mastotermes darwiniensis* Froggatt (Isoptera). Insectes Sociaux 18 (3): 173–176.

Watson, J.A.L. 1972a. Ovarian activity during development of incipient colonies of the termite, *Hodotermes mossambicus.* Journal of Insect Physiology 18: 603–607.

Watson, J.A.L. 1972b. An old mound of the spinifex termite, *Nasutitermes triodiae* (Froggatt) (Isoptera: Termitidae). Journal of the Australian Entomological Society 11 (1): 79–80.

Watson, J.A.L. 1973. The worker caste of the hodotermitid harvester termites. Insectes Sociaux 20 (1): 1–20.

Watson, J.A.L. 1974a. The development of soldiers in incipient colonies of *Mastotermes darwiniensis* Froggatt (Isoptera). Insectes Sociaux 21 (2): 181–190.

Watson, J.A.L. 1974b. Caste development and its seasonal cycle in the Australian harvester termite, *Drepanotermes perniger* (Froggatt) (Isoptera: Termitinae). Australian Journal of Zoology 22: 471–487.

Watson, J.A.L. 1982. Distribution, biology and speciation in the Australian harvester termites, *Drepanotermes* (Isoptera: Termitinae). *In* W.R. Barker and P.J.M. Greenslade (editors), Evolution of the flora and fauna of arid Australia: 263–265. Frewville, Australia: Peacock Publications, vii + [1] + 392 pp.

Watson, J.A.L. 1988. Termites in the Canberra Region. 2nd ed. Canberra, Australia: Commonwealth Scientific and Industrial Research Organization, viii + 63 pp.

Watson, J.A.L. 1989. Termites (Isoptera) on Lord Howe Island. Council of Scientific and Industrial Research Organization (Australia) Division of Entomology (Termite Group) Report 89/1: 1–12.

Watson, J.A.L. 1994. Case 2889. *Mastotermes darwiniensis* Froggatt, 1897 and *Termes meridionalis* Froggatt, 1898 (currently *Amitermes meridionalis*) (Insecta, Isoptera): proposed retention of neotypes following rediscovery of syntypes. Bulletin of Zoological Nomenclature 51 (1): 14–16.

Watson, J.A.L., and H.M. Abbey. 1985a. Seasonal cycles in *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). I. Caste development. Sociobiology 10 (1): 73–92.

Watson, J.A.L., and H.M. Abbey. 1985b. Development of neotenics in *Mastotermes darwiniensis* Froggatt: an alternative strategy. *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 107–124. Oxford: Pergamon Press, xiv + 405 pp.

Watson, J.A.L., and H.M. Abbey. 1986a. Seasonal cycles in *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). II. Nest temperature. Sociobiology 11 (3): 255–273.

Watson, J.A.L., and H.M. Abbey. 1986b. Teratological development of wing buds in a worker from an incipient laboratory colony of *Mastotermes darwiniensis* Froggatt (Isoptera: Mastotermitidae). Journal of the Australian Entomological Society 25: 293–294.

Watson, J.A.L., and H.M. Abbey. 1987. Maternal determination of reproductive vs sterile castes in *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). Insectes Sociaux 34 (4): 291–297.

Watson, J.A.L., and H.M. Abbey. 1989. A 17-year old primary reproductive of *Mastotermes darwiniensis* (Isoptera). Sociobiology 15 (3): 279–284.

Watson, J.A.L., and H.M. Abbey. 1993a. Case 2864. *Termes lacteus* Froggatt, 1898 (currently *Coptotermes lacteus*) (Insecta, Isoptera): proposed conservation of the specific name. Bulletin of Zoological Nomenclature 50 (2): 112–114.

Watson, J.A.L., and H.M. Abbey. 1993b. Atlas of Australian termites. Melbourne: Commonwealth Scientific and Industrial Research Organization, 158 pp.

Watson, J.A.L., and R.A. Barrett. 1981. Termites in the Canberra Region. Melbourne: CSIRO Publishing, vi + 38 pp.

Watson, J.A.L., and R.A. Barrett. 1988. *Kalotermes banksiae* Hill in Adelaide. Council of Scientific and Industrial Research Organization (Australia) Division of Entomology (Termite Group) Report 88/11: 1–13.

Watson, J.A.L., and F.J. Gay. 1970. The role of grass-eating termites in the degradation of a mulga ecosystem. Search (Sydney) 1: 43.

Watson, J.A.L., and F.J. Gay. 1980. The identities of *Termes australis* Walker and *Termes fumipennis* Walker (Isoptera). Journal of the Australian Entomological Society 19: 19–25.

Watson, J.A.L., and F.J. Gay. 1981. *Eutermes exitiosus* Hill, 1925 (Insecta, Isoptera): proposed conservation by use of the plenary powers. Z.N. (S.) 2290. Bulletin of Zoological Nomenclature 38 (2): 142–146.

Watson, J.A.L., and F.J. Gay. 1983. Taxonomy and applied entomology of Australian termites: a small order in perspective. *In* E. Highley and R.W. Taylor (editors), Australian systematic entomology: a bicentenary perspective: 34–49. Melbourne: Commonwealth Scientific and Industrial Research Organization, viii + 147 pp.

Watson, J.A.L., and F.J. Gay. 1991. Isoptera (Termites). *In* I.D. Naumann (editor), The insects of Australia: a textbook for students and research workers. 2nd ed., Vol. 1: 330–347. Ithaca, NY: Cornell University Press, xvi + 1 + 542 pp.

Watson, J.A.L., and F.J. Gay. 1994. Isoptera (termites). *In* I.D. Naumann (editor), Systematic and Applied Entomology: an Introduction: 271–278. Melbourne: Melbourne University Press, vii + 484 pp.

Watson, J.A.L., and E.A. McMahan. 1978. Polyethism in the Australian harvester termite *Drepanotermes* (Isoptera, Termitinae). Insectes Sociaux 25 (1): 53–62.

Watson, J.A.L., and D.H. Perry. 1981. The Australian harvester termites of the genus *Drepanotermes* (Isoptera: Termitinae). Australian Journal of Zoology (supplement) 78: 1–153.

Watson, J.A.L., and J.J. Sewell. 1981. The origin and evolution of caste systems in termites. Sociobiology 6 (1): 101–118.

Watson, J.A.L., and J.J. Sewell. 1985. Caste development in *Mastotermes* and *Kalotermes*: which is primitive? *In* J.A.L. Watson, B.M. Okot-Kotber, and C. Noirot (editors), Current themes in tropical science. Vol. 3, caste differentiation in social insects: 27–40. Oxford: Pergamon Press, xiv + 405 pp.

Watson, J.A.L., P.H. Hewitt, and J.J.C. Nel. 1971a. The water-sacs of *Hodotermes mossambicus.* Journal of Insect Physiology 17: 1705–1709.

Watson, J.A.L., J.J.C. Nel, and P.H. Hewitt. 1971b. The uptake of water by eggs of the termite *Hodotermes mossambicus* (Hagen) (Isoptera). Insectes Sociaux 18 (4): 233–242.

Watson, J.A.L., J.J.C. Nel, and P.H. Hewitt. 1972. Behavioural changes in founding pairs of the termite, *Hodotermes mossambicus.* Journal of Insect Physiology 18: 373–387.

Watson, J.A.L., C. Lendon, and B.S. Low. 1973. Termites in mulga lands. Tropical Grasslands 7 (1): 121–126.

Watson, J.A.L., E.C. Metcalf, and J.J. Sewell. 1975. Preliminary studies on the control of neotenic formation in *Mastotermes darwiniensis* Froggatt (Isoptera). Insectes Sociaux 22 (4): 415–426.

Watson, J.A.L., E.C. Metcalf, and J.J. Sewell. 1977. A re-examination of the development of castes in *Mastotermes darwiniensis* Froggatt (Isoptera). Australian Journal of Zoology 25: 25–42.

Watson, J.A.L., R.A. Barrett, and H.M. Abbey. 1978a. Caste ratios in a long-established, neotenic-headed laboratory colony of *Mastotermes darwiniensis* Froggatt (Isoptera). Journal of the Australian Entomological Society 16 (4 [1977]): 469–470.

Watson, J.A.L., R.A. Barrett, and C. Lendon. 1978b. Termites. The physical and biological features of Kunoth Paddock in central Australia. Australian Division of Land Resources Management Technical Paper 4: 101–108.

Watson, J.A.L., F.J. Gay, and R.A. Barrett. 1984. The identity of *Kalotermes improbus* Hagen (Isoptera: Kalotermitidae). Journal of the Australian Entomological Society 23 (3): 193–197.

Watson, J.A.L., B.M. Okot-Kotber, and C. Noirot (eds). 1985. Caste differentiation in social insects. Oxford: Pergamon Press, xiv + 405 pp.

Watson, J.A.L., R.A. Barrett, and J.P. Green. 1988. Growth of mounds of the Australian harvester termite, *Drepanotermes perniger* (Froggatt) (Termitinae). Sociobiology 14 (1): 217–244.

Watson, J.A.L., W.V. Brown, L.R. Miller, F.L. Carter, and M.J. Lacey. 1989. Taxonomy of *Heterotermes* (Isoptera: Rhinotermitidae) in south-eastern Australia: cuticular hydrocarbons of workers, and soldier and alate morphology. Systematic Entomology 14 (3): 299–325.

Watson, J.A.L., W.V. Brown, and M.J. Lacey. 1992. Taxonomy and cuticular hydrocarbons of Australian *Coptotermes.* Proceedings 19th International Congress of Entomology, Beijing 1992: 242. [abstract]

Watson, J.A.L., L.R. Miller, and H.M. Abbey. 1998. Isoptera. *In* W.W.K. Houston and A. Wells (editors), Zoological catalogue of Australia. Vol. 23: Archaeognatha, Zygentoma, Blattodea, Isoptera, Mantodea, Dermaptera, Phasmatodea, Embioptera, Zoraptera: 163–250. Melbourne: CSIRO Publishing, xiii + 464 pp.

Webb, G.C. 1961. Keys to the genera of the African termites. Ibadan, Nigeria: Ibadan University Press, 36 pp.

Weber, C.E. 1993. Cretaceous termites and soil phosphorus. Journal of Soil Biology and Ecology 13 (2): 108–121.

Weber, N.A. 1941. The rediscovery of the queen of *Eciton* (*Labidus*) *coecum* Latr. (Hym.: Formicidae). American Midland Naturalist 26 (2): 325–329.

Weber, N.A. 1943. The ants of the Imatong Mountains, Anglo-Egyptian Sudan. Bulletin of the Museum of Comparative Zoology 93: 263–389 + 16 pls.

Weber, N.A. 1954. The insect fauna of an Iraq oasis, the city of Baghdad. Entomological News 65 (7): 178–182.
Wedmann, S. 2000. Die Insekten der oberoligozänen fossillagerstätte Enspel (Westerwald, Deutschland): Systematik, Biostratinomie und Paläoökologie. Mainzer Naturwissenschaftliches Archiv 23: 1–154 + [6] + 9 pls.
Weesner, F.M. 1953. The biology of *Tenuirostritermes tenuirostris* (Desneux) with emphasis on caste development. University of California Publications in Zoölogy 57 (4): 251–302.
Weesner, F.M. 1955. The reproductive system of young primary reproductives of *Tenuirostritermes tenuirostis* (Desneux). Insectes Sociaux 2: 323–345.
Weesner, F.M. 1956. The biology of colony formation in *Reticulitermes hesperus* Banks. University of California Publications in Zoölogy 61 (5): 253–315.
Weesner, F.M. 1960. Evolution and biology of termites. Annual Review of Entomology 5: 153–170.
Weesner, F.M. 1965. Termites of the United States: a handbook. Elizabeth, NJ: National Pest Control Association, 70 pp.
Weesner, F.M. 1966. A report on flight data obtained from pest control operators over the past two years. *In* Proceedings of the 2nd workshop on termite research, Biloxi, Mississippi, 8–10 November 1965: 11–14. Washington, D.C.: National Academy of Sciences, 109 pp.
Weesner, F.M. 1969a. External anatomy. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 19–47. New York: Academic Press, xiii + 598 pp.
Weesner, F.M. 1969b. The reproductive system. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 1: 125–160. New York: Academic Press, xiii + 598 pp.
Weesner, F.M. 1970. Termites of the Nearctic region. *In* K. Krishna and F.M. Weesner (editors), Biology of termites. Vol. 2: 477–525. New York: Academic Press, xiv + 643 pp.
Weesner, F.M. 1987. Order Isoptera. *In* F.W. Stehr (editor), Immature insects: 132–139. Dubuque, IA: Kendall/Hunt Publishing Co., xiv + 754 pp.
Weidner, H. 1937a. Termiten in Hamburg. Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz 47 (12): 593–596.
Weidner, H. 1937b. Termiten in Hamburg. Bombus 1: 1–2.
Weidner, H. 1953. Die Bodentermite *Reticulitermes,* eine ernste Gefahr für Gebäude in Hamburg. Entomologische Zeitschrift 62 (24): 191–192.
Weidner, H. 1954a. Die Bodentermite *Reticulitermes,* eine ernste Gefahr für die Gebäude in Hamburg. Verhandlungen der Deutschen Gesellschaft für Angewandte Entomologie e.V. 12: 55–61.
Weidner, H. 1954b. Grundsätzliches zur Termitenbekämpfung in Hamburg-Altona. Anzeiger für Schädlingskunde 27 (11): 170–171.
Weidner, H. 1955a. Über einige interessante Insekten (Lepidoptera, Orthoptera, Isoptera) aus Angola. Entomologische Zeitschrift 65: 169–181, 189–192, 201–207.
Weidner, H. 1955b. Die Bernstein-Termiten der Sammlung des Geologischen Staatsinstituts Hamburg. Mitteilungen aus dem Geologischen Staatsinstitut in Hamburg 24: 55–74.
Weidner, H. 1955c. Die Verbreitung der Isoptera in Südosteuropa. Fragmenta Balcanica (Skopje) 1: 157–164.
Weidner, H. 1955d. Eine neue Termitenart aus Vorderasien. Insectes Sociaux 2 (1): 63–68.
Weidner, H. 1955e. Die Typen der Isoptera-Sammlung des Zoologischen Staatsinstituts und Zoologischen Museums Hamburg. Insectes Sociaux 2 (3): 247–254.
Weidner, H. 1955f. Körperbau, Systematik und Verbreitung der Termiten. *In* H. Schmidt (editor), Die Termiten: ihre Erkennungsmerkmale und wirtschaftliche Bedeutung: 5–81. Leipzig: Akademische Verlagsgesellschaft Geest and Portig K.-G., 309 pp.
Weidner, H. 1955g. Termitennester. *In* H. Schmidt (editor), Die Termiten: ihre Erkennungsmerkmale und wirtschaftliche Bedeutung: 82–120. Leipzig: Akademische Verlagsgesellschaft Geest and Portig K.-G., 309 pp.
Weidner, H. 1955h. Bekämpfung der pflanzenschädlichen Termiten. *In* H. Schmidt (editor), Die Termiten: ihre Erkennungsmerkmale und wirtschaftliche Bedeutung: 160–164. Leipzig: Akademische Verlagsgesellschaft Geest and Portig K.-G., 309 pp.
Weidner, H. 1956a. Kotballen von Termiten im Bernstein. Veröffentlichungen aus dem Überseemuseum in Bremen (A) 2 (6): 363–364.
Weidner, H. 1956b. Beiträge zur Kenntnis der Termiten Angolas, hauptsächlich auf Grund der Sammlungen und Beobachtungen von A. de Barros Machado (I. Beitrag). Publicações Culturais da Companhia de Diamantes de Angola 29: 55–106.

Weidner, H. 1958. Termites (Isoptera) aus dem Irak. Entomologische Mitteilungen aus dem Zoologischen Staatsinstitut u. Zoologischen Museum Hamburg 2 (17): 8–16 (vol.), 4–12 (no.).

Weidner, H. 1959. Beiträge zur Geradflüglerfauna der östlichen Mittelmeerländer auf Grund der Sammlung des Zoologischen Museums Hamburg (Isopteria, Orthopteria [sic]). Entomologische Mitteilungen aus dem Zoologischen Staatsinstitut u. Zoologischen Museum Hamburg 2 (20): 25–40 (vol.), 1–16 (no.).

Weidner, H. 1960a. Die Termiten von Afghanistan, Iran und Irak (Isoptera). Abhandlungen und Verhandlungen des Naturwissenschaftlichen Vereins in Hamburg 4 [1959]: 43–70.

Weidner, H. 1960b. Mission zoologique de l'I.R.S.A.C. en Afrique orientale. (P. Basilewsky et N. Leleup, 1957). IV. Isoptera. Annales du Musée Royal du Congo Belge, Série in 8º, Sciences Zoologiques 81: 30–39.

Weidner, H. 1961. Beiträge zur Kenntnis der Termiten Angolas, hauptsächlich auf Grundder Sammlungen und Beobachtungen von A. de Barros Machado. (2. Beitrag). Publicações Culturais da Companhia de Diamantes de Angola 54: 13–78.

Weidner, H. 1962a. Die *Macrotermes*-Arten Burmas. Anzeiger für Schädlingskunde 35 (9): 129–133.

Weidner, H. 1962b. Auf landwirtschaftlichen Versuchsfelden in Sudan schädliche Termiten und die Beschreibung einer neuen *Pseudacanthotermes*-Art (Isoptera). Zeitschrift für Angewandte Entomologie 51 (1): 86–93.

Weidner, H. 1963. Ergebnisse der zoologischen Nubien Expedition 1962. Annalen des Naturhistorischen Museums in Wien 66: 409–411.

Weidner, H. 1966a. Die entomologischen Sammlungen des Zoologischen Staatsinstituts und Zoologischen Museums Hamburg. VI Teil. Insecta. III. Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 63: 209–264.

Weidner, H. 1966b. Betrachtungen zur Evolution der Termiten. Deutsche Entomologische Zeitschrift (n.s.) 13 (4–5): 323–350.

Weidner, H. 1967. Termiten aus dem deutschen Pliozän von Willershausen. Bericht der Naturhistorischen Gesellschaft zu Hannover 111: 65–75.

Weidner, H. 1968a. Eine Maulwurfsgrille aus dem Pliozän von Willershausen. Beihefte zu den Berichten der Naturhistorischen Gesellschaft zu Hannover 6: 5–12.

Weidner, H. 1968b. Über die im deutschen Teritär [sic] gefundenen Termiten-Arten. Beihefte zu den Berichten der Naturhistorischen Gesellschaft zu Hannover 6: 13–20.

Weidner, H. 1970a. Termiten aus Nepal. Khumbu Himal 3: 457–461.

Weidner, H. 1970b. Einbürgerungsmöglichkeiten für die vom Menschen eingeschleppten Insekten, erläutert an einigen Beispielen aus Nordwestdeutschland. Entomologische Zeitschrift 80: 101–112.

Weidner, H. 1970c. 14. Ordnung Isoptera (Termiten). Handbuch der Zoologie 4 (2): 1–147.

Weidner, H. 1971. Zwei neue Termitenarten aus dem Pliozän von Willershausen. Bericht der Naturhistorischen Gesellschaft zu Hannover 115: 41–46.

Weidner, H. 1972. Die Termiten der Türkei. Entomologische Mitteilungen aus dem Zoologischen Staatsinstitut und Zoologischen Museum Hamburg 4: 287–296.

Weidner, H. 1974. Beiträge zur Kenntnis der Termiten Angolas, hauptsächlich auf Grund der Sammlungen und Beobachtungen von A. de Barros Machado (3. Beitrag). Publicações Culturais da Companhia de Diamantes de Angola 88: 13–78.

Weidner, H. 1976. Sammelbericht. Fortschritte in der angewandten Termitenkunde. Zeitschrift fûr Pflanzenkrankheiten und Pflanzenschutz 83: 679–698.

Weidner, H. 1978. Die gelbfüssige Bodentermite *Reticulitermes flavipes* (Kollar, 1837) in Hamburg (Isoptera). Eine Dokumentation zur Geschichte der angewandten Entomologie in Hamburg. Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg 6: 49–100.

Weidner, H. 1979. Eine weitere Mitteilung über Termiten aus dem Pliozän von Willershausen, Harz (Insecta, Isoptera). Bericht der Naturhistorischen Gesellschaft zu Hannover 122: 91–95.

Weidner, H. 1980. Termiten aus Kolumbien nach Beobachtungen von German O. Valenzuela und Fritz Schremmer. Anzeiger für Schädlingskunde Pflanzenschutz [und] Umweltschutz 53: 65–69.

Weidner, H. 1981. Fortschritte der angewandten Termitenkunde 1976–1980. Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz 88: 442–460.

Weidner, H. 1984. Über *Anacanthotermes ochraceus* (Burmeister) (Isoptera, Hodotermitidae) als Schädling an Holzhausern in Arabien nebst einer Liste der bisher aus Arabien bekannten Termitenarten sowie einer Betrachtung der Verbreitung der Palaarktischen *Anacanthotermes* arten. Anzeiger für Schädlingskunde 57: 1–7.

Weidner, H. 1993. Bestimmungstabellen der Vorratsschadlinge und des Hausunggeziefers Mitteleuropas [5th (revised) ed.]. Stuttgart: Gustav Fischer, xi + 328 pp.

Weidner, H., and B. Riou. 1986. Termiten (Isoptera) aus dem Obermiozän von St-Bauzile (Ardèche, Frankreich). Mitteilungen aus dem Geologisch-Paläontologischen Institut der Universität Hamburg 61: 343–365.

Weier, A., M. Dolan, D. Grimaldi, R. Guerrero, J. Wagensburg, and L. Margulis. 2002. Spirochete and protist symbionts of a termite (*Mastotermes electrodominicus*) in Miocene amber. Proceedings of the National Academy of Sciences of the United States of America 99: 1410–1413.

Weil, T., M. Rehli, and J. Korb. 2007. Molecular basis for the reproductive division of labour in a lower termite. BMC Genomics 8 (198): 1–9.

Weir, J.S. 1973. Air flow, evaporation and mineral accumulation in mounds of *Macrotermes subhyalinus* (Rambur). Journal of Animal Ecology 42 (3): 509–520.

Weitschat, W., and W. Wichard. 1998. Atlas der Pflanzen und Tiere im Baltischen Bernstein. Munich: Friedrich Pfeil, 256 pp.

Wenzel, M., R. Radek, G. Brugerolle, and H. König. 2003. Identification of the ectosymbiotic bacteria of *Mixotricha paradoxa* involved in movement symbiosis. European Journal of Protistology 39: 11–23.

Werner, F. 1920. Beiträge zur Kenntnis der Fauna Dalmatiens, besonders der Insel Brazza. V. Orthoptera, Neuroptera. Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere 42: 213–226.

Werner, F. 1927. Beiträge zur Kenntnis der Fauna Griechenlands. Zoologischer Anzeiger 70 (3–6): 135–151.

West, A.S. 1983. The manual of pest control. 5th ed. Ottawa: Canada National Defence, xxviii + 336 pp.

West, D.A. 2003. Fritz Müller: a naturalist in Brazil. Blacksburg, VA: Pocahontas Press, viii + 376 pp.

Westwood, J.O. 1840. An introduction to the modern classification of insects; founded on the natural habits and corresponding organisation of the different families. Vol. 2. London: Longman, Orme, Brown, Green, and Longmans, 587 pp.

Weyer, F. 1930a. Über Ersatzgeschlechtstiere bei Termiten. Zeitschrift für Morphologie und Ökologie der Tiere 19 (1): 364–380.

Weyer, F. 1930b. Zur Kenntnis der Keimdrüsen bei Termitearbeitern und -soldaten. Zoologischer Anzeiger 90 (7–8): 177–190.

Weyer, F. 1930c. Beobachtungen über die Entstehung neuer Kolonien bei tropischen Termiten. Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere 60 (3–4): 327–380.

Weyer, F. 1931. Das Problem der Kastendifferenzierung bei Termiten. Biologisches Zentralblatt 7: 353–373.

Weyer, F. 1935. Epithelerneuerung im Mitterdarm der Termites wahrend der Hautung. Zeitschrift für Morphologie und Ökologie der Tiere 30 (4): 648–672.

Wheeler, G.C., and J. Wheeler. 1963. The termites of North Dakota. Journal of the Kansas Entomological Society 36 (3): 190–193.

Wheeler, G.S., M. Tokoro, R.H. Scheffrahn, and N.-Y. Su. 1996. Comparative respiration and methane production rates in Nearctic termites. Journal of Insect Physiology 42 (8): 799–806.

Wheeler, W.C., M. Whiting, Q.D. Wheeler, and J.M. Carpenter. 2001. The phylogeny of the extant hexapod orders. Cladistics 17: 113–169.

Wheeler, W.M. 1904. The phylogeny of the termites. Biological Bulletin (Woods Hole) 8: 29–37.

Wheeler, W.M. 1936. Ecological relations of ponerine and other ants to termites. Proceedings of the American Academy of Arts and Sciences 71 (3): 159–243.

White, A. 1846. Insects. *In* J. Richardson and J.E. Gray (editors), The zoology of the voyage of H.M.S. *Erebus* and *Terror,* under the command of Sir James Clark Ross, R.N., F.R.S., during the years 1839 to 1843. Vol. 2, Part 4: 1–24 + pls. 1–6. London: E.W. Janson, 24 pp. + 6 pls.

White, A., and A.G. Butler. 1874. Family Termitidae: *Calotermes insularis. In* J. Richardson and J.E. Gray (editors), The zoology of the voyage of H.M.S. *Erebus* and *Terror,* under the command of Sir James Clark Ross, R.N., F.R.S., during the years 1839 to 1843. Vol. 2, Part 4: insects: 25, pl. 7 [fig. 11]. London: E.W. Janson, 25–51 pp. + pls. 7–10. ["The Insects enumerated or described (in this edition) are the completion of the Orthoptera, the Neuroptera, Hemiptera, Homoptera, Hymentoptera and Diptera, by the late Mr. Adam White, in MSS., and Lepidoptera, by Mr. Butler" (Zoological Records 1876)]

White, M. 1976. Blattodea, Mantodea, Isoptera, Grylloblattodea, Phasmatodea, Dermaptera and Embioptera. Animal Cytogenetics 3 (2): 1–75.

Whitford, W.G., J.A. Ludwig, and J.C. Noble. 1992. The importance of subterranean termites in semi-arid ecosystems in south-eastern Australia. Journal of Arid Environments 22 (1): 87–91.

Whitman, J.G., and B.T. Forschler. 2007. Observational notes on short-lived and infrequent behaviors displayed by *Reticulitermes favipes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 100 (5): 763–771.

Whitney, L.A. 1929. Note. [*Reticulitermes speratus* Kolbe intercepted from Japan]. Proceedings of the Hawaiian Entomological Society 7 (2): 222.

Wiegert, R.G., and D.C. Coleman. 1970. Ecological significance of low oxygen consumption and high fat accumulation by *Nasutitermes costalis* (Isoptera: Termitidae). BioScience 20 (11): 663–665.

Wieland, F. 2006. The cervical sclerites of Mantodea discussed in the context of dictyopteran phylogeny (Insecta: Dictyoptera). Entomologische Abhandlungen 63 (1–2): 51–76.

Wiemer, D.F., J. Meinwald, G.D. Prestwich, and I. Miura. 1979. Cembrene A and (3*Z*)-cembrene A: diterpene from a termite soldier (Isoptera Termitidae Termitinae). Journal of Organic Chemistry 44 (22): 3950–3952.

Wiemer, D.F., J. Meinwald, G.D. Prestwich, B.A. Solheim, and J. Clardy. 1980. Biflora-4,10 (19),15-triene: a new diterpene from a termite soldier (Isoptera Termitidae Termitinae). Journal of Organic Chemistry 45: 191–192.

Wilfert, L., M. Kaib, W. Durka, and R. Brandl. 2006. Differentiation between populations of a termite in eastern Africa: implications for biogeography. Journal of Biogeography 33: 1993–2000.

Wilkinson, H. 1940. Termites in East Africa. II. The biology and control of termites damaging grassland. East African Agricultural Journal 6 (2): 67–72.

Wilkinson, W. 1954. Three new species of Kalotermitidae (Isoptera) from East Africa. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 23 (5–6): 75–82.

Wilkinson, W. 1958. Two new species of *Kalotermes* Hagen from West Africa (Isoptera, Kalotermitidae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 27 (7–8): 109–115.

Wilkinson, W. 1959. Four new species of Kalotermitidae from East Africa (Isoptera). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 28 (5–6): 61–72.

Wilkinson, W. 1962. Dispersal of alates and establishment of new colonies in *Cryptotermes havilandi* (Sjöstedt) (Isoptera, Kalotermitidae). Bulletin of Entomological Research 53 (2): 265–286 + 2 pls.

Wilkinson, W. 1963. The alate flight and colony foundation of *Cryptotermes havilandi* (Sjöstedt) (Isoptera, Kalotermitidae). Symposia Genetica et Biologica Italica 11: 269–275.

Williams, C.M., P.C. Veivers, M. Slaytor, and S.V. Cleland. 1994. Atmospheric carbon dioxide and acetogenesis in the termite *Nasutitermes walkeri* (Hill). Comparative Biochemistry and Physiology, Part A 107: 113–118.

Williams, E.C. 1941. An ecological study of the floor fauna of the Panama rain forest. Bulletin of the Chicago Academy of Sciences 6 (4): 63–124.

Williams, G. 2002. A taxonomic and biogeographic review of the invertebrates of the central eastern rainforest reserves of Australia (CERRA) World Heritage area and adjacent regions. Technical Reports of the Australian Museum 16: 1–208.

Williams, O.L. 1934. Some factors limiting the distribution of termites. *In* C.A. Kofoid (editor), Termites and termite control, 2nd ed.: 42–49. Berkeley: University of California Press, xxvii + [1] + 795 pp.

Williams, R.M.C. 1954. New East African Termitinae (Isoptera: Termitidae). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 23 (11–12): 215–227.

Williams, R.M.C. 1956. Erratum [New East African Termitinae (Isoptera: Termitidae), 1954]. Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 25 (7–8): 128.

Williams, R.M.C. 1959a. Flight and colony formation in two *Cubitermes* species (Isoptera: Termitidae). Insectes Sociaux 6 (2): 203–218.

Williams, R.M.C. 1959b. Colony development in *Cubitermes ugandensis* Fuller (Isoptera: Termitidae). Insectes Sociaux 6 (3): 291–304.

Williams, R.M.C. 1962. A correction concerning two East African Termitinae (Isoptera). Proceedings of the Royal Entomological Society of London, Series B, Taxonomy 31 (9–10): 127–130.

Williams, R.M.C. 1965. Infestation of *Pinus caribaea* by the termite *Coptotermes niger* Snyder. Proceedings 12th International Congress of Entomology, London 1964 64: 675–676.

Williams, R.M.C. 1966. The East African termites of the genus *Cubitermes* (Isoptera: Termitidae). Transactions of the Royal Entomological Society of London 118 (4): 73–118.

Williams, R.M.C. 1968. Redescriptions of two termites from Burmese amber. Journal of Natural History 2 (4): 547–551.

Williams, R.M.C. 1977. The ecology and physiology of structural wood destroying Isoptera. Material und Organismen 12: 111–140.

Williams, R.M.C., and J.V. Perez Morales. 1983. The effect of group size on the survival and feeding economy of pseudoworkers of building damaging *Cryptotermes* spp. (Isoptera, Kalotermitidae). *In* P. Jaisson (editor), Social insects in the tropics: proceedings of the first international symposium organized by the International Union for the Study of Social Insects and the Sociedad Mexicana de Entomologia, Cocoyoc, Morelos, Mexico. November, 1980. Vol. 2: 219–234. Paris: Université Paris-Nord, 252 pp.

Willis, C.K., J.D. Skinner, and H.G. Robertson. 1992. Abundance of ants and termites in the False Karoo and their importance in the diet of the aardvark *Orycteropus afer.* African Journal of Ecology 30: 322–334.

Wilson, E.C. 1986. Type specimens of fossil invertebrata in the Natural History Museum of Los Angeles County: supplement two (Insecta). Technical Reports 1: 96–102.

Wilson, E.O. 1971. The insect societies. Cambridge, MA: Harvard University Press, x + 548 pp.

Wilson, M.V.H. 1977. New records of insect families from the freshwater middle Eocene of British Columbia. Canadian Journal of Earth Sciences 14 (5): 1139–1155.

Wobst, B., J.-P. Farine, C. Ginies, E. Sémon, A. Robert, O. Bonnard, S. Connétable, and C. Bordereau. 1999. (Z,Z,E)-3,6,8-Dodecatrien-1-ol, a major component of trail-following pheromone in two sympatric termite species *Reticulitermes grassei* and *R. santonensis.* Journal of Chemical Ecology 25 (6): 1305–1318.

Wolcott, G.N. 1921. Los comejénes de Puerto Rico. Porto Rico Insular Experimental Station Circular 44: 1–14.

Wolcott, G.N. 1938. A study of the dry wood termite or "polilla," *Cryptotermes brevis* Walker: 83–84. Annual report of the division of entomology from the fiscal year 1936–1937: insular project no. 2. San Juan: Puerto Rico Agricultural Experimental Station.

Wolcott, G.N. 1939. Coméjen y polilla. Universidad de Puerto Rico Estacion Experimental Agricola Boletin 48: 5–26.

Wolcott, G.N. 1941. A supplement to "Insectae Borinquenses." Journal of Agriculture of the University of Puerto Rico 25 (2): 33–158.

Wolcott, G.N. 1943. How to make wood unpalatable to the West Indian dry-wood termite, *Cryptotermes brevis* Walker. I. With organic compounds. Caribbean Forester 4 (4): 145–157.

Wolcott, G.N. 1950. The insects of Puerto Rico. Journal of Agriculture of the University of Puerto Rico 32 (1) [1948]: 1–224.

Wolfrum, U., and M. Kaib. 1988. Kastenspezifisches verhalten der Termite *Schedorhinotermes lamanianus* und dessen Beziehung zu Unterschieden in Ultrastruktur, häufigkeit und Topographie antennaler Sensillen. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 6: 86–90.

Wood, T.G. 1976. The role of termites (Isoptera) in decomposition processes. *In* J.M. Anderson and A. Macfadyen (editors), The role of terrestrial and aquatic organisms in decomposition processes: the 17th symposium of the British Ecological Society 15–18 April 1975: 145–168. Oxford: Blackwell Scientific Publications, xii + 474 pp.

Wood, T.G. 1978. Food and feeding habits of termites. *In* M.V. Brian (editor), Production ecology of ants and termites: 55–80. Cambridge: Cambridge University Press, xvii + [1] + 409 pp.

Wood, T.G. 1979. The termite (Isoptera) fauna of Malesian and other tropical rain forests. University of Hull Department of Geography Miscellaneous Series 22: 113–132.

Wood, T.G. 1981. Reproductive isolating mechanisms among species of *Microtermes* (Isoptera, Termitidae) in the southern Guinea savanna near Mokwa, Nigeria. *In* P.E. Howse and J.-L. Clément (editors), Biosystematics of social insects: 309–325. New York: Academic Press, [14] + 346 pp.

Wood, T.G. 1991. Termites in Ethiopia: the environmental impact of their damage and resultant control measures. Ambio 20 (3–4): 136–138.

Wood, T.G. 1996. The agricultural importance of termites in the tropics. Agricultural Zoology Reviews 7: 117–155.

Wood, T.G., and R.A. Johnson. 1978. Abundance and vertical distribution in soil of *Microtermes* (Isoptera, Termitidae) in savanna woodland and agricultural ecosystems at Mokwa, Nigeria. Memorabilia Zoologica 29: 203–213.

Wood, T.G., and R.A. Johnson. 1986. The biology, physiology and ecology of termites. *In* S.B. Vinson (editor), Economic impact and control of social insects: 1–68. New York: Praeger, x + 422 pp.

Wood, T.G., and K.E. Lee. 1971. Abundance of mounds and competition among colonies of some Australian termite species. Pedobiologia 11: 341–366.

Wood, T.G., and W.A. Sands. 1978. The role of termites in ecosystems. *In* M.V. Brian (editor), Production ecology of ants and termites: 245–292. Cambridge: Cambridge University Press, xvii + [1] + 409 pp.

Wood, T.G., and R.J. Thomas. 1989. The mutualistic association between Macrotermitinae and *Termitomyces*. *In* N. Wilding, N.M. Collins, P.M. Hammond, and J.F. Webber (editors), Insect-fungus interactions: 14th symposium of the Royal Entomological Society of London in collaboration with the British Mycological Society, 16–17 September 1987: 69–92. New York: Academic Press, xvi + 344 pp.

Wood, T.G., R.A. Johnson, and C.E. Ohiagu. 1977a. Populations of termites (Isoptera) in natural and agricultural ecosystems in southern Guinea savanna near Mokwa, Nigeria. Geo-Eco-Trop 1: 139–148.

Wood, T.G., R.A. Johnson, C.E. Ohiagu, N.M. Collins, and C. Longhurst. 1977b. Ecology and importance of termites in crops and pastures in northern Nigeria: project report 1973–1976. London: Centre for Overseas Pest Research, 131 pp.

Wood, T.G., R.A. Johnson, S. Bacchus, M.O. Shittu, and J.M. Anderson. 1982. Abundance and distribution of termites (Isoptera) in a riparian forest in the southern Guinea savanna vegetation zone of Nigeria. Biotropica 14 (1): 25–39.

Wood, T.G., R.W. Lamb, and M. Bednarzik. 1986. Two species of *Microtermes* (Isoptera, Termitidae, Macrotermitinae) from the Arabian Peninsula. Journal of Natural History 20 (1): 165–182.

Wood, T.G., M. Bednarzik, and H. Aden. 1987. Damage to crops by *Microtermes najdensis* (Isoptera, Macrotermitinae) in irrigated semi-desert areas of the Red Sea coast. 1. The Tihama region of the Yemen Arab Republic. Tropical Pest Management 33: 142–150.

Wood, W.F., W. Truckenbrodt, and J. Meinwald. 1975. Chemistry of the defensive secretion from the African termite *Odontotermes badius*. Annals of the Entomological Society of America 68 (2): 359–360.

Woodrow, R.J., and J.K. Grace. 1999. Microclimates associated with *Cryptotermes brevis* (Isoptera: Kalotermitidae) in the urban environment. Pan-Pacific Entomologist 75 (2): 68–72.

Woodrow, R.J., J.K. Grace, L.J. Nelson, and M.I. Haverty. 2000. Modification of cuticular hydrocarbons of *Cryptotermes brevis* (Isoptera: Kalotermitidae) in response to temperature and relative humidity. Environmental Entomology 29 (6): 1100–1107.

Woodrow, R.J., J.K. Grace, and S.Y. Higa. 2001. Occurrence of *Coptotermes vastator* (Isoptera: Rhinotermitidae) on the Island of Oahu, Hawaii. Sociobiology 38 (3B): 667–673.

Woodson, W.D., B.A. Wiltz, and A.R. Lax. 2001. Current distribution of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in the United States. Sociobiology 37 (3B): 661–671.

Woodward, H. 1879. On the occurrence of *Branchipus* (or *Chirocephalus*) in a fossil state, associated with *Eosphaeroma* and with numerous insect-remains, in the Eocene freshwater (Bembridge) limestone of Gurnet Bay, Isle of Wight. Quarterly Journal of the Geological Society of London 35: 342–350.

Woodward, H.B. 1892. On a neuropterous insect from the Lower Lias, Barrow-on-Soar, Leicestershire. Geological Magazine (London) 9 (335): 193–198.

Woodward, H.B. 1895. The Jurassic rocks of Britain. 5. The Middle and Upper Oolitic rocks of England (Yorkshire excepted). London: Her Majesty's Stationery Office, xiv + 499 pp.

Wu, C.-F. 1935. Catalogus insectorum sinensium [Catalogue of Chinese insects: Vol. 1]. Peiping [Beijing]: Fan Memorial Institute of Biology, 378 pp.

Wu, H.-J. 1991. Ecology of a Formosan termite, *Reticulitermes flaviceps flaviceps* (Oshima). Chinese Journal of Entomology Special Publication 6: 137–145. [in Chinese, with English summary]

Wu-Scharf, D., M.E. Scharf, B.R. Pittendrigh, and G.W. Bennett. 2003. Expressed sequence tags from a polyphenic *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) cDNA library. Sociobiology 41 (2): 479–490.

Wyss-Huber, M. 1981. Caste differences in haemolymph proteins in two species of termites. Insectes Sociaux 28 (1): 71–86.

Wyss-Huber, M., and M. Lüscher. 1975. Protein synthesis in 'fat body' and ovary of the physogastric queen of *Macrotermes subhyalinus*. Journal of Insect Physiology 21: 1697–1704.

Xia, K.-L., ed. 1993a. Termite research in China, 1984–1993: a collection of papers. Vol. 1: 1–959. Nanjing: Tian-Ze. [in Chinese]

Xia, K.-L., ed. 1993b. Termite research in China, 1984–1993: a collection of papers. Vol. 2: 960–1904. Nanjing: Tian Ze. [in Chinese]

Xia, K.-L., ed. 1993c. Termite research in China, 1984–1993: a collection of papers. Vol. 3: 1905–2707. Nanjing: Tian Ze. [in Chinese]

Xia, K.-L., and S.-D. Fan. 1981. Note on new species of the genus *Reticulitermes* from China (Isoptera: Rhinotermitidae). Contributions from Shanghai Institute of Entomology 2: 191–196. [in Chinese, with English summary]

Xia, K.-L., and S.-D. Fan. 1982. New species of the genus *Odontotermes* from China (Isoptera: Macrotermitinae). Acta Entomologica Sinica 25 (1): 59–67. [in Chinese, with English summary]

Xia, K.-L., and D.-R. Gao, eds. 1986. Termite research in China, 1950–1983: a collection of papers. Vol. 1: 1–1157. Hang-Zhou: Termite Science and Technology Editorial Department. [in Chinese]

Xia, K.-L., and X.-S. He. 1980. A study on the Chinese *Schedorhinotermes* with description of new species (Isoptera: Rhinotermitidae). Contributions from Shanghai Institute of Entomology 1: 175–181. [in Chinese, with English summary]

Xia, K.-L., and X.-S. He. 1986. Study on the genus *Coptotermes* from China (Isoptera: Rhinotermitidae). Contributions from Shanghai Institute of Entomology 6: 157–182. [in Chinese, with English summary]

Xia, K.-L., and W.-Y. Xu (editors). 2001a. Termite research in China, 1994–1999: a collection of papers. Vol. 1–688: 1. Xian Map; Xian, China. [in Chinese]

Xia, K.-L., and W.-Y. Xu (editors). 2001b. Termite research in China, 1994–1999: a collection of papers. Vol. 2: 689–1391. Xian Map; Xian, China. [in Chinese]

Xia, K.-L., D.-R. Gao, Y.-Z. Pan, and G.-Q. Tang. 1983a. Three new species of *Ahmaditermes, Nasutitermes* and *Procapritermes* from Sichuan, China. Entomotaxonomia 5 (2): 159–163. [in Chinese, with English summary]

Xia, K.-L., D.-R. Gao, and Y.-M. Deng. 1983b. Notes on a new species of the genus *Cryptotermes* from Guizhou, China. Entomotaxonomia 5 (3): 247–249. [in Chinese, with English summary]

Xing, L.-X., C. Hu, and J.-A. Cheng. 1999. Mitochondrial DNA restriction fragment length polymorphism in four termite species (Isoptera: Rhinotermitidae, Kalotermitidae). Entomotaxonomia 21 (3): 181–185. [in Chinese, with English summary]

Xing, L., K. Maekawa, T. Miura, O. Kitade, and T. Matsumoto. 2001. A reexamination of the taxonomic position of Chinese *Heterotermes aculabialis* (Isoptera: Rhinotermitidae) based on the mitochondrial cytochrome oxidase II gene. Entomological Science 4 (1): 53–58.

Xing, P.H., and A.G. Appel. 2004. Seasonal variation of critical thermal limits and temperature tolerance in Formosan and eastern subterranean termites (Isoptera: Rhinotermitidae). Environmental Entomology 33 (2): 197–205.

Xu, C.-G., C. Gong, and Z.-M. Ping. 1986. Isoptera from Guizhou. Science and Technology of Guizhou Forestry 54: 1–50. [in Chinese]

Xu, X.-G., J.-C. Mo, and J.-A. Cheng. 2004. Design and development of web system for Isoptera taxonomy. Entomotaxonomia 26 (2): 86–90. [in Chinese, with English title and summary]

Xu, Y.-L., and M.-Z. Han. 1985. Descriptions of some new species of the genus *Neotermes* from China (Isoptera: Kalotermitidae). Contributions from Shanghai Institute of Entomology 5: 221–242. [in Chinese, with English summary]

Yaga, S. 1989. Studies on termites. House and Household Insect Pests 11 (1): 41. [in Japanese, with English title]

Yaga, S. 1990. The dry-wood termite, *Cryptotermes domesticus* Haviland, in Okinawa Islands. House and Household Insect Pests 12 (2): 107–110. [in Japanese, with English title]

Yamada, A., T. Inoue, A. Sugimoto, Y. Takematsu, T. Kumai, F. Hyodo, A. Fujita, I. Tayasu, C. Klangkaew, N. Kirtibutr, T. Kudo, and T. Abe. 2003. Abundance and biomass of termites (Insecta: Isoptera) in dead wood in a dry evergreen forest in Thailand. Sociobiology 42 (3): 569–585.

Yamada, A., T. Inoue, D. Wiwatwitaya, M. Ohkuma, T. Kudo, T. Abe, and A. Sugimoto. 2005. Carbon mineralization by termites in tropical forests, with emphasis on fungus combs. Ecological Research 20: 453–460.

Yamada, A., T. Inoue, D. Wiwatwitaya, M. Ohkuma, T. Kudo, and A. Sugimoto. 2006. Nitrogen fixation by termites in tropical forests, Thailand. Ecosystems 9: 75–83.

Yamada, A., T. Inoue, S. Noda, Y. Hongoh, and M. Ohkuma. 2007. Evolutionary trend of phylogenetic diversity of nitrogen fixation genes in the gut community of wood-feeding termites. Molecular Ecology 16: 3768–3777.

Yamane, S., T. Abe, and J. Yukawa. 1992. Recolonization of the Krakataus by Hymenoptera and Isoptera (Insecta). Geojournal 28 (2): 213–218. [in Japanese, with English title]

Yamano, K. 1984. Termite research at the Railway Technical Research Institute (RTRI) of the Japanese National Railways (JNR). Annals of Entomology (Dehra Dun) 2 (2): 63–73.

Yamano, K. 1989. On the Formosan subterranean termite, *Coptotermes formosanus* Shiraki found in Tateyama City. Shiroari (Termite) 77: 76–79. [in Japanese, with English title]

Yamano, K. 1990. On the American common dry-wood termite, *Incisitermes minor* (Hagen) found in Itabashi Ward in Tokyo. House and Household Insect Pests 12 (2): 111–113. [in Japanese, with English title]

Yamaoka, I., and Y. Nagatani. 1975. Cellulose digestive system in the termite *Reticulitermes speratus* (Kolbe) 1. Production sites and physiological significance of two kinds of cellulose in the worker. Dobutsugaku Zasshi (Zoological Magazine) 81: 23–29. [in Japanese, with English abstract]

Yamaoka, I., and Y. Nagatani. 1977. Cellulose digestion system in the termite, *Reticulitermes speratus* (Kolbe). II. Ultra-structural changes related to the ingestion and digestion of cellulose by the flagellate, *Trichonympha agilis*. Dobutsugaku Zasshi (Zoological Magazine) 86: 34–42. [in Japanese, with English summary]

Yamaoka, I., and Y. Nagatani. 1978. Cellulose digestion system in the termite, *Reticulitermes speratus* (Kolbe). III. Ultrastructure and function of the hindgut epithelium. Zoological Magazine (Tokyo) 87: 132–141. [in Japanese, with English summary]

Yamaoka, I., H. Ideoka, K. Sasabe, and Y. Nagatani. 1983. Distribution of the intestinal flagellates in the hindgut of the termite, *Reticulitermes speratus* (Kolbe). Annals of Entomology (Dehra Dun) 1 (1): 45–50.

Yamin, M.A. 1979. Flagellates of the orders Trichomonadida Kirby, Oxymonadida Grassé, and Hypermastigida Grassi and Foà reported from lower termites (Isoptera families Mastotermitidae, Kalotermitidae, Hodotermitidae, Termopsidae, Rhinotermitidae, and Serritermitidae) and from the wood-feeding roach *Cryptocercus* (Dictyoptera: Cryptocercidae). Sociobiology 4 (1): 1–120.

Yanagawa, A., S. Shimizu, K. Noma, M. Nishikawa, O. Kazumasa, and F. Yokohari. 2009. Classification and distribution of antennal sensilla of the termite *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 54 (2): 327–349.

Yanagisawa, K. 1979. On the termites of Hawaii. Shiroari (Termite) 37: 29–31. [in Japanese, with English title]

Yang, B., S.-M. Zhu, and F.-S. Huang. 1992. Four new species of *Reticulitermes* and *Pseudocapritermes* (Isoptera: Kalotermitidae and Termitidae) from Yunnan, China. Zoological Research 13 (2): 123–131. [in Chinese, with English summary]

Yang, B., S.-M. Zhu, and F.-S. Huang. 1995. Two new species of termites (Isoptera: Termitidae) from Yunnan, China. Entomotaxonomia 17 (2): 79–83. [in Chinese, with English summary]

Yang, T., J. Mo, and J. Cheng. 2006a. Advances in the study on the digestive mechanism of cellulose in termites. Scientia Silvae Sinicae 42 (1): 110–115. [in Chinese]

Yang, T., J. Mo, C. Pan, and J. Cheng. 2006b. Ultrastructure of the salivary gland in the worker of *Odontotermes formosanus* (Isoptera: Termitidae). Sociobiology 48 (1): 5–14.

Yano, M. 1910. On termites of Japan proper. Konchu Sekai (Insect World) 14 (12): 600–602. [in Japanese]

Yano, M. 1911a. First report on the study of termites. Ringyo Shiken Hokoku (Report of the Forest Experimental Station) 9: 53–66. [in Japanese]

Yano, M. 1911b. On the scientific names of Japanese termites. Dobutsugaku Zasshi (Zoological Magazine) 23: 364–368. [in Japanese]

Yano, M. 1911c. On the names of Japanese termites: a reply to Oshima's query. Konchu Sekai (Insect World) 25 (10): 401–405. [in Japanese]

Yano, M. 1913. Second official report on termites. Ringyo Shiken Hokoku (Report of the Forest Experimental Station) 10: 109–129. [in Japanese]

Yano, M. 1915. White ants in Japan. Bulletin of the Forest Experiment Station (Meguro, Tokyo) 9: 1–9 + 3 pls.

Yara, K., K. Jahana, and H. Hayashi. 1989. In situ morphology of the gut microbiota of the fungus-growing termite *Odontotermes formosanus* (Termitidae Macrotermitinae). Sociobiology 15 (2): 247–260.

Yasuda, I., Y. Nakasone, K. Kinjo, and S. Yaga. 2000. Morphology and distribution of termites in Ryukyu Islands and North and South Daito Islands. Japanese Journal of Entomology (n.s.) 3 (4): 139–156. [in Japanese, with English summary]

Yasuda, I., K. Kinjo, and S. Yaga. 2003. A new record of *Incisitermes minor* (Hagen) from Okinawa Is. Japanese Journal of Entomology (n.s.) 6 (2): 103–104. [in Japanese, with English title]

Yates, J.R., III, and M. Tamashiro. 1990. The Formosan subterranean termite in Hawaii. University of Hawaii College of Tropical Agriculture and Human Resources Research Extension Series 117: 1–4.

Ye, W., C.-Y. Lee, R.H. Scheffrahn, J.M. Aleong, N.-Y. Su, G.W. Bennett, and M.E. Scharf. 2004. Phylogenetic relationships of nearctic *Reticulitermes* species (Isoptera: Rhinotermitidae) with particular reference to *Reticulitermes arenincola* Goellner. Molecular Phylogenetics and Evolution 30: 815–822.

Ye, Y., S.C. Jones, and E.-D. Ammar. 2009. Reproductive characteristics of imagoes of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Annals of the Entomological Society of America 102 (5): 889–894.

Yeap, B.-K., A.S. Othman, V.S. Lee, and C.-Y. Lee. 2007. Genetic relationship between *Coptotermes gestroi* and *Coptotermes vastator* (Isoptera: Rhinotermitidae). Journal of Economic Entomology 100 (2): 467–474.

Yeap, B.-K., A.S. Othman, and C.-Y. Lee. 2009. Molecular systematics of *Coptotermes* (Isoptera: Rhinotermitidae) from East Asia and Australia. Annals of the Entomological Society of America 102 (6): 1077–1090.

Yeap, B.-K., F.M. Dugal, A.S. Othman, and C.-Y. Lee. 2010. Genetic relationship between *Coptotermes heimi* and *Coptotermes gestroi* (Isoptera: Rhinotermitidae). Sociobiology 56 (2): 291–312.

Yin, C.-M., and C. Gillott. 1975a. Endocrine activity during caste differentiation in *Zootermopsis angusticollis* Hagen (Isoptera): a morphometric and autoradiographic study. Canadian Journal of Zoology 53: 1690–1700.

Yin, C.-M., and C. Gillott. 1975b. Endocrine control of caste differentiation in *Zootermopsis angusticollis* Hagen (Isoptera). Canadian Journal of Zoology 53: 1701–1708.

Yoshizawa, K., and K.P. Johnson. 2005. Aligned 18S for Zoraptera (Insecta): phylogenetic position and molecular evolution. Molecular Phylogenetics and Evolution 37: 572–580.

Yoshimura, T., N. Kagemori, J. Sugiyama, S. Kawai, K. Sera, S. Futatsugawa, M. Yukawa, and H. Imazeki. 2005. Elemental analysis of worker mandibles of *Coptotermes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 45 (2): 255–259.

Yu, D.-J., Z.-L. Chen, and X.-Z. Jin. 2002. Termites (Isoptera) intercepted from imported logs at Shenzhen Port. Entomotaxonomia 24 (1): 3–15. [in Chinese, with English title and abstract]

Yu, S.-T., and C.-M. Ping. 1964a. Studies on the faunal regions of Isoptera in China. Acta Entomologica Sinica 13 (1): 11–24. [in Chinese, with English summary]

Yu, S.-T., and C.-M. Ping. 1964b. Systematics of Isoptera from China. I. Description of a new genus, *Operculitermes* (Rhinotermitidae, Heterotermitinae) with reference to its two new species and three new subspecies. Acta Entomologica Sinica 13 (3): 344–361. [in Chinese, with English summary]

Yu, S.-T., and C.-M. Ping. 1966. Systematics of Isoptera from China. 2. Descriptions of three new species of Termitidae. Acta Entomologica Sinica 3 (2): 124–137. [in Chinese, with English summary]

Yu, S.-T., and Z.-M. Ping. 1980. Two new records of *Cryptotermes* from Hainan Island (Isoptera: Kalotermitidae). Acta Zootaxonomica Sinica 5 (2): 216–217. [in Chinese, with English title]

Yuan, F., and X.-Q. Yuan. 2006. Research advances on phylogeny of Hexapoda with a new classification system. Entomotaxonomia 28 (1): 1–12. [in Chinese, with English title and abstract]

Yuki, M., S. Moriya, T. Inoue, and T. Kudo. 2008. Transcriptome analysis of the digestive organs of *Hodotermopsis sjostedti,* a lower termite that hosts mutualistic microorganisms in its hindgut. Zoological Science (Tokyo) 25: 401–406.

Yule, R.A., and J.A.L. Watson. 1976. Two further domestic species of *Cryptotermes* from the Australian mainland (Isoptera: Kalotermitidae). Journal of the Australian Entomological Society 15: 349–351.

Zalessky, G.[M.] 1937. Ancestors of some groups of the present-day insects. Nature 140 (3550): 847–848.

Zalessky, G.M. 1939. Studies on Permian insects from the Sylva Basin and problems of evolution in the class Insecta. III. Some new representatives of Protohymenoptera, Homoptera, Hemipsocoptera, Psocoptera, Protoperlaria, Isoptera and Protoblattoidea. Problemy Paleontologii 5: 33–91. [in Russian, with French translation]

Zalkow, L.H., R.W. Howard, L.T. Gelbaum, M.M. Gordon, H.M. Deutsch, and M.S. Blum. 1981. Chemical ecology of *Reticulitermes flavipes* (Kollar) and *R. virginicus* (Banks) (Rhinotermitidae): chemistry of the soldier cephalic secretions. Journal of Chemical Ecology 7: 717–731.

Zarani, F. 1994. Faunistic surv[e]y on termites of oil industry in Iran. Journal of Entomological Society of Iran 14: 21, 81. [in English and Farsi]

Zeidler, J., S. Hanrahan, and M. Scholes. 2002. Termite species richness, composition and diversity on five farms in southern Kunene region, Namibia. African Zoology 37 (1): 7–11.

Zeidler, J., S. Hanrahan, and M. Scholes. 2004. Determining termite diversity in arid Namibian rangelands—a comparison of sampling methods. African Zoology 39 (2): 285–292.

Zeuner, F.E. 1938. Die Insektenfauna des Mainzer Hydrobienkalks. Paleontologische Zeitschrift 20: 104–159.

Zhang, F.-Y., J. Tang, and S. Li. 1992. Scanning electron microscopic studies on wing microsculpturing in three species of Kalotermitidae (Isoptera). Proceedings 19th International Congress of Entomology, Beijing 1992: 596. [abstract]

Zhang, F.[-Y.], S. Li, and Q. Gao. 1993. Scanning electron micrescopic studies on wing microsculpturing of *Odontotermes formosanus* and *Macrotermes barneyi* (Isoptera: Termitidae). Zoological Research 14 (3): 269, 270, 282. [in Chinese, with English title and abstract]

Zhang, F.-Y., Q.-K. Gao, and S. Li. 1994a. SEM studies on wing microsculpturing of four species of family Termitidae (Isoptera). Acta Entomologica Sinica 37 (2): 253–256. [in Chinese, with English title]

Zhang, F.-Y., Q.-K. Gao, S. Li, and J. Tang. 1994b. Scanning electron microscopic studies of microsculpturing on wing scales of nineteen sp[e]cies of termites (Isoptera). Zoological Research 15 (2): 85–88. [in Chinese, with English title]

Zhang, F.-Y., Q.-K. Gao, J. Tang, and S. Li. 1994c. Scanning electron microscopic studies on wing microsculpturing in termites (Isoptera): genus *Hodotermopsis, Cryptotermes* and *Incisitermes.* Acta Entomologica Sinica 37 (4): 435–439. [in Chinese, with English summary]

Zhang, F.-Y., S. Li, and Q.-K. Gao. 1994d. Scanning electron microscopic studies on wing microsculpturing in eight species of *Reticulitermes* and one species of *Heterotermes* (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 19 (1): 113–118. [in Chinese, with English summary]

Zhang, F.-Y., J. Tang, and S. Li. 1994e. Comparative studies on anatomic morphology of digestive tubes of seven species of termites. Kunchong Zhishi (Entomological Knowledge) 31 (5): 300–302. [in Chinese, with English summary]

Zhang, H.-B., X.-Y. Li, H.-G. Dai, and Q.-J. Zhou. 2005. Analysis of cuticular hydrocarbons of termites and its application in taxonomy. Acta Entomologica Sinica 48 (4): 582–587. [in Chinese, with English title and abstract]

Zhang, J.-F. 1989. Fossil insects from Shanwang, Shandong, China. Jinan: Shandong Science and Technology Publishing House, 459 pp. + 92 pls. [in Chinese, with English summary]

Zhang, J.-F., B. Sun, and X.-Y. Zhang. 1994. Miocene insects and spiders from Shanwang, Shandong. Beijing: Science Press, [4] + 298 pp. + 43 pls. [in Chinese, with English summary]

Zhang, J.-H., and D. Li. 1994. The chemical defense of termites. Natural Enemies of Insects 16 (1): 43–50.

Zhang, J.-H., W.-J. Li, L.-L. Chen, T.-Y. Zhuang, and Q.-Z. Meng. 2003. Polyethism in the Formosan subterranean termite, *Coptotermes formosanus* Shiraki. Acta Entomologica Sinica 46 (3): 333–338. [in Chinese, with English title and abstract]

Zhang, S., J. Mo, L. Teng, M. Cheng, and J. Cheng. 2006. Inter-colonial variation in the compositions of the frontal gland secretion of *Coptotrmes formosanus* (Isoptera: Rhinotermitidae). Sociobiology 47 (2): 553–561.

Zhang, W.-D., M.-F. Xu, L. Liao, H.-Y. Yue, Q.-W. Chen and Y.-L. Chi. 2010. Phylogenetic analyis of genus *Coptotermes* (Isoptera: Rhinotermitidae) based on 16S rRNA gene. Entomotaxonomia 32 (2): 93–99.

Zhang, X.-K. 2005. Caste ratios of the termite *Coptotermes.* Chinese Bulletin of Entomology 42 (3): 321–323. [in Chinese, with English title and abstract]

Zhang, Y.-J. 1992. The termites on southern part of Shaanxi Province and the description of the new species. Proceedings 19th International Congress of Entomology, Beijing 1992: 245. [abstract]

Zhang, Y.-J. 1993. The termites in the southern part of Shaanxi Province and the description of a new species (Isoptera Termitidae *Mironasutitermes*). Journal of Northwest University (Natural Science) (China) 23 (3): 266–272. [in Chinese, with English summary]

Zhang, Y.-J., and L.-X. Xing. 1992. A new species of the genus *Odontotermes* (Isoptera: Termitidae) from Shaanxi China. Journal of Northwest University (Natural Science) (China) 22 (4): 429–432. [in Chinese, with English summary]

Zhao, Y. 1987. Clarification about "two kinds of kings" and "line of drawing water" on biology of *Coptotermes formosanus* Shiraki. Kunchong Zhishi (Entomological Knowledge) 24 (6): 376. [in Chinese, with English title]

Zharov, A.A. 1968. *Kalotermes flavicollis* on the Black Sea coast of the Caucasus. *In* A.N. Luppova (editor), Termites and control measures against them: proceedings of the 2nd all-union conference on the study of termites and their control: 134–136. Ashkhabad, Turkmenistan: Institute of Zoology of the Turkmen SSR, 224 pp. [in Russian]

Zharov, A.A. 1975. *Kalotermes flavicollis* Fabr. on the Black Sea coast of the Caucasus. Second All-Union Meeting for the Study of Termites of the USSR and the Development of the Means for Their Protection (23–30 November 1966). [English translation of Zharov (1968) by the Franklin Book Program, Washington, D.C., 12 pp.]

Zherichin, V.V., and I.D. Sukacheva. 1973. On Cretaceous insect-bearing "amber" (retinite) from northern Siberia. Doklady na dvadtsat chetvertomiezhegodnom chtenii pamyati N.A. Kholodkovskogo aprelya 1971 (Twenty-fourth annual report on lectures in memory of N.A. Kolodovsky, April 1971): 3–48. Leningrad [St. Petersburg]: Nauka. [in Russian]

Zhong, J.H., and L.L. Liu. 2002. Termite fauna in China and their economic importance. Sociobiology 40 (1): 25–32.

Zhong, J., and L. Liu. 2003. Experience with *Coptotermes formosanus* in China (Isoptera: Rhinotermitidae). Sociobiology 41 (1): 17–26.

Zhou, B.-J., and Y.-L. Xu. 1993. A new species of *Nasutitermes* from Zhejiang Province, China (Isoptera: Termitidae). Science and Technology of Termites 10 (2): 6–7. [in Chinese, with English summary]

Zhou, X., F.M. Oi, and M.E. Scharf. 2006a. Social exploitation of hexamerin: RNAi reveals a major caste-regulatory factor in termites. Proceedings of the National Academy of Sciences of the United States of America 103 (12): 4499–4504.

Zhou, X., M.R. Tarver, G.W. Bennett, F.M. Oi, and M.E. Scharf. 2006b. Two hexamerin genes from the termite *Reticulitermes flavipes*: sequence, expression, and proposed functions in caste regulation. Gene 376 (1): 47–58.

Zhou, X., C. Song, T.L. Grzymala, F.M. Oi, and M.E. Scharf. 2006c. Juvenile hormone and colony conditions differentially influence cytochrome P450 gene expression in the termite *Reticulitermes flavipes.* Insect Molecular Biology 15 (6): 749–761.

Zhu, B.C.-R., G. Henderson, R.P. Adams, L. Mao, Y. Yu, and R.A. Laine. 2003. Repellency of vetiver oils from different biogenetic and geographical origins against Formosan subterranean termites (Isoptera: Rhinotermitidae). Sociobiology 42 (3): 623–638.

Zhu, H.-Q., and G. Zhao. 1982. The morphological differences between *Reticulitermes speratus* Kolbe and *R. flaviceps* Oshima with notes on species of subterranean termites in Tianjin. Kunchong Zhishi (Entomological Knowledge) 19 (3): 36–38. [in Chinese, with English title]

Zhu, H.-Q., G. Zao, and W.-L. Wang. 1990. Morphology and fine structures of the sternal gland of *Reticulitermes chinensis* (Isoptera: Rhinotermitidae). Acta Entomologica Sinica 33 (3): 314–318. [in Chinese, with English title and summary]

Zhu, J.-L. 1982. An investigation on the termites from Ding Hu Shan. Tropical and Subtropical Forest Ecosystem, Ding Hu Shan Forest Ecosystem Reserve, China 1: 232–235. [in Chinese, with English summary]

Zhu, J.-L. 1984. Two new species of the genus *Reticulitermes* (Isoptera: Rhinotermitidae). Acta Entomologica Sinica 27 (1): 107–111. [in Chinese, with English summary]

Zhu, J.-L., and J.-H. Chen. 1983. A new species of *Capritermes* (Isoptera: Termitidae). Zoological Research 4 (1): 29–34. [in Chinese, with English summary]

Zhu, J.-L., and P.-L. Luo. 1985. On a new species of *Macrotermes* (Isoptera: Termitidae). Zoological Research 6 (3): 233–238. [in Chinese, with English summary]

Zhu, J.-L., and P.-L. Luo. 1987. On a new species of *Macrotermes* (Isoptera: Termitidae). Entomotaxonomia 9 (2): 113–116. [in Chinese, with English summary]

Zhu, J.-L., X.-G. Ma, and G.-X. Li. 1982. A new species of *Reticulitermes* from Luofushan, Guangdong, China (Isoptera, Rhinotermitidae). Zoological Research 3 (4): 437–441. [in Chinese, with English summary]

Zhu, J.-L., G.-X. Li, and X.-G. Ma. 1984. A new species of *Coptotermes* (Isoptera: Rhinotermitidae). Acta Zootaxonomica Sinica 9 (1): 90–94. [in Chinese, with English summary]

Zhu, S.-M., and F.-S. Huang. 1990. Two new species of the genus *Globitermes* (Isoptera: Termitidae) from Yunnan, China. Sinozoologia 7: 93–97. [in Chinese, with English summary]

Zhu, S.-M., and B. Yang. 1992a. Fauna and phylogeny of termite[s] (Isoptera) of Yunnan. Proceedings 19th International Congress of Entomology, Beijing 1992: 242. [abstract]

Zhu, S.-M., and B. Yang. 1992b. General review in progress on the research of termites. Zoological Research 13 (4): 397–402. [in Chinese]

Zhu, S.-M., F.-S. Huang, and G.-X. Li. 1987a. Notes on the genus *Euhamitermes* (Isoptera) from Yunnan, China, with descriptions of two new species. Zoological Research 8 (2): 191–200. [in Chinese, with English summary]

Zhu, S.-M., G.-X. Li, and F.-S. Huang. 1987b. A new species of the genus *Heterotermes* from Yunnan, China (Isoptera: Rhinotermitidae). Zoological Research 8 (4): 421–426. [in Chinese, with English summary]

Zhu, S.-M., F.-S. Huang, and Y.-Z. Wang. 1990a. Five new species of the genus *Hypotermes* (Isoptera: Termitidae) from Yunnan, China. Zoological Research 11 (1): 55–62. [in Chinese, with English summary]

Zhu, S.-M., F.-S. Huang, and Y.-Z. Wang. 1990b. A new genus and three new species of Macrotermitinae (Isoptera: Termitidae) from China. Zoological Research 11 (3): 185–191. [in Chinese, with English summary]

Zhu, S.-M., F.-S. Huang, and Y.-Z. Wang. 1991a. Four new species of the genera *Microtermes* and *Ancistrotermes* (Isoptera) from Yunnan, China. Entomotaxonomia 13 (3): 161–170. [in Chinese, with English summary]

Zhu, S.-M., F.-S. Huang, and Y.-Z. Wang. 1991b. Geographic distribution of genera *Microtermes, ancistrotermes* [sic] (Isoptera) and notes on new species from Yunnan, China. Zoological Research 12 (2): 133–142.

Zhu, S.-M., Y.-Z. Wang, and F.-S. Huang. 1991c. Two new species of the genus *Hodotermopsis* from Guizhou, China (Isoptera: Hodotermitidae). Sinozoologia 8: 199–203. [in Chinese, with English summary]

Zhu, S.-M., Y.-Z. Wang, B. Yang, X.-S. He, F.-S. Huang, and Y.-H. Han. 1993. Isoptera: Kalotermitidae, Hodotermitidae, Rhinotermitidae and Termitidae. *In* F.-S. Huang (editor), Insects of Wuling Mountains area, southwestern China: 45–61. Beijing: Science Press, [8] + x + 777 pp. [in Chinese, with English summary]

Zhu, S.-M., C.-H. Zhang, H.-Q. Liu, and J. Cai. 1995. A new species of the genus *Macrotermes* from southern Yunnan China (Isoptera: Termitidae). Zoological Research 16 (1): 1–6. [in Chinese, with English summary]

Zhu, S.-M., F.-S. Huang, and G.-X. Li. 1997. Studies on the geographical distribution and evolution of fossil termites. Zoological Research 18 (4): 359–365. [in Chinese, with English summary]

Zhuzhikov, D.P. 1972. On the wing structure of termites of the genus *Anacanthotermes* Jacobs. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University. Vol. 2: 35–45. Moscow: University Publishing House, 215 pp. [in Russian, with English title]

Zhuzhikov, D.P. 1974. Relation index and its use for the estimation of the morphological similarity in the soldier-termites *Anacanthotermes* of U.S.S.R. fauna. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 84–102. Moscow: University Publishing House, 222 pp. [in Russian, with English title]

Zhuzhikov, D.P. 1979. Termites of the U.S.S.R. Moscow: Moscow University, 224 pp. [in Russian]

Zhuzhikov, D.P. 2001. Autocoprophagy is a precursor of proctodeal trophallaxis in cockroaches and termites. Entomological Review (Entomologicheskoe Obozrenie) 81 (9): 1176–1184.

Zhuzhikov, D.P., and M.S. Elnaggar. 1979. Structure of the suboesophageal ganglia (brain) in the termite *Anacanthotermes ahngerianus* Jacobson. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division 9, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University: 5–15. Moscow: University Publishing House, 152 pp. [in Russian, with English title]

Zhuzhikov, D.P., and N.M. Korovkina. 1972. The structure of the termite proventriculus. *In* E.K. Zolotarev (editor), Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University. Vol. 2: 134–143. Moscow: University Publishing House, 215 pp. [in Russian, with English title]

Zhuzhikov, D.P., and E.A. Morozova. 1977. Hindgut microbiocenosis in lower termites. *In* H.H.W. Velthuis and J.T. Wiebes (editors), Proceedings of the eighth international congress of the International Union for the Study of Social Insects, Wageningen, the Netherlands, September 5–10, 1977: 101–103. Wageningen: Centre for Agricultural Publishing and Documentation, xi + 325 pp.

Zidan, Z.H., A.H. El-Hemaesy, and W.A. Said. 1980. The geographical distribution, swarming dates and wood preferences of the subterranean harvester termite, *Anacanthotermes ochraceus* (Burm.) in Egypt. Sociobiology 5 (3): 295–305.

Ziesmann, J. 1996. The physiology of an olfactory sensillum of the termite *Schedorhinotermes lamanianus*: carbon dioxide as a modulator of olfactory sensitivity. Journal of Comparative Physiology, A, Sensory, Neural and Behavioral Physiology 179: 123–133.

Zimet, M., and A. Stuart. 1982. Sexual dimorphism in the immature stages of the termite, *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). Sociobiology 7 (1): 1–7.

Zimmerman, E.C. 1948. Order Isoptera (Brullé, 1832). *In* E.C. Zimmerman (editor), Insects of Hawaii, Vol. 2. Apterygota to Thysanoptera: 159–189. Honolulu: University of Hawaii Press, viii + [2] + 475 pp.

Zimmerman, P.R., and J.P.E.C. Darlington. 1987. Methane and other metabolic gases produced by termites. *In* J. Eder and H. Rembold (editors), Chemistry and biology of social insects: proceedings of the 10th international congress of the International Union for the Study of Social Insects, München, August 18–22, 1986: 637. Munich: J. Peperny, xxxv + 16 + 757 pp.

Zimmerman, P.R., and J.P. Greenberg. 1983. Termites and methane. Nature 302: 354.

Zimmerman, P.R., J.P. Greenberg, S.O. Wandiga, and P.J. Crutzen. 1982. Termites: a potentially large source of atmospheric methane, carbon dioxide, and molecular hydrogen. Science 218: 563–565.

Zimmerman, R.B. 1983. Sibling manipulation and indirect fitness in termites. Behavioral Ecology and Sociobiology 12: 143–145.

Zimsen, E. 1964. The type material of I.C. Fabricius. Copenhagen: Munksgaard, 656 pp.

Zolotarev, E.K. (editor). 1974. Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University (in Russian). Vol. 5. Moscow: University Publishing House, 222 pp. [in Russian]

Zolotarev, E.K. (editor). 1979. Termites (collected articles). Transactions of the Entomological Division, Biodeterioration Research Laboratory, Faculty of Biology, Moscow Lomonosov University. Vol. 9. Moscow: University Publishing House, 152 pp. [in Russian]

Zuberi, H.A. 1959a. Sur l'architecture du cerveau d'*Ancistrotermes latinotus* Silvestri et de *A. crucifer* Sjöstedt (isoptères). Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 248 (2): 288–291.

Zuberi, H.A. 1959b. La structure du cerveau de *Trinervitermes tchadensis* Sjöstedt en rapport avec le polymorphisme. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 248 (23): 3341–3343.

Zuberi, H.[A.] 1960. Sur quelques particularités de la structure du cerveau chez *Anacanthotermes ochraceus* Burmeister (Isoptère). Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 250 (21): 3506–3508.

# INDEX TO SCIENTIFIC NAMES

The following includes valid and invalid names for all taxa, living and fossil. Fossil taxa are marked with the symbol †.

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*On the cover:* Title page (left) of the tenth edition of *Systema naturae* by Carl Linnaeus (1758), with his first description (lower right) of a termite, *Termes fatale,* and an illustration (upper right) of same from *Pandora insectorum* (1758).