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Contribution to the ant fauna of Lombok Island

V.A. Zryanin* and M.V. Mokrousov

Lobachevsky State University of Nizhni Novgorod, Russia

Abstract

In Indonesia, the ant fauna has mainly been studied on large islands (Borneo, Java, New Guinea). Small islands are only poorly explored, except for Krakatau. Ants were manually sampled by the second author in May 2012, mostly in the vicinity of Senggigi (West Lombok). In total, 51 species in 36 genera of 6 subfamilies have been recognized: Dolichoderinae - *Dolichoderus*, *Iridomyrmex*, *Ochetellus*, *Philidris*, *Tapinoma*, *Zatapinoma* (1 species each); Cerapachyinae - *Cerapachys* (1); Formicinae - *Anoplolepis* (1), *Camponotus* (4), *Echinopla* (4), *Nylanderia* (1), *Oecophylla* (1), *Paraparatrechina* (1), *Paratrechina* (1), *Polyrhachis* (6), *Prenolepis* (1); Myrmicinae - *Crematogaster* (2), *Dilobocondyla* (1), *Meranoplus* (1), *Monomorium* (1), *Pheidole* (2), *Pheidologeton* (2), *Sylophopsis* (1), *Solenopsis* (1), *Strumigenys* (1), *Tetramorium* (1), *Trichomyrmex* (1); Ponerinae - *Anochetus*, *Diacamma*, *Hypoponera*, *Leptogenys*, *Odontomachus*, *Odontoponera*, *Brachyponera* (1 species each). Most of the identified species, including tramp species, are widely distributed in SE Asia (e.g., *Iridomyrmex anceps* (Roger), *Tapinoma melanocephalum* (Fabricius), *Anoplolepis gracilipes* (Smith F.), *O. smaragdina* (Fabricius), *Paratrechina longicornis* (Latrielle), *Monomorium floricola* (Jerdon), *Pheidologeton diversus* (Smith F.), *Solenopsis geminata* (Fabricius), *Strumigenys godeffroyi* Mayr, *Tetramorium bicarinatum* (Nylander), *Trichomyrmex* cf. *destructor* (Jerdon), *Anochetus graeffei* Mayr, *Odontomachus simillimus* Smith F., *Odontoponera denticulata*). We report here, a high abundance of the genus *Echinopla* (*E. lineata*, *E. nitida* and 2 unidentified species), the first record of *Zatapinoma* (sp. n., Dubovikoff pers. com.) and endemic ant species, *Cataulacus nenassus* Bolton, *Diacamma rugosum lombokense* Emery and *Brachyponera wallacea* Yamane.

Key words: Formicidae, Indonesia, Lombok Island

* Corresponding Author