

**Nesting biology of a tropical myrmicine ant, *Myrmicaria arachnoides*
(Formicidae), in West Java, Indonesia**

Abstract

Nesting biology of a myrmicine ant, *Myrmicaria arachnoides*, was studied on Java island, Indonesia. The colonies were polydomous and polygynous. Nests of a colony were located close to each other on different leaves of a tree. The number of dealated queens was positively correlated with the numbers of nests, adult workers and immatures, but not with the numbers of males and new queens present. Adaptive aspects of nesting site, polygyny and polydomy are discussed..