

1-6. Two New Species of *Myrmica* from Korea (Hymenoptera, Formicidae)

G. W. Elmes¹, A. G. Radchenko², and B. J. Kim³

¹Institute of Terrestrial Ecology, Furzebrook Research Station, Wareham, Dorset
BH20 5AS, United Kingdom

²Museum and Institute of Zoology P.A.S., Wilcza str., 64, 00-679, Warsaw,
Poland / Schmalhausen Institute of Zoology, B. Khmel'nitsky str. 15, Kiev-30,
Ukraine

³Faculty of Natural Sciences, Wonkwang University, Chonbuk 570 719, Korea

Two new species of *Myrmica* from Korea are described. *M. koreana* belongs to the *schencki* species-group of *Myrmica* and is most similar to *M. schencki*. It is possibly endemic to the Korean Peninsula. *M. hyungokae* belongs to the *lobicornis*-group and is most similar to *M. jessensis*. It has some characters normally associated with social parasites but it is probably a free-living species. Both new species were clearly separated from their nearest relatives on subjective characters (shape, sculpture etc.) and this was confirmed by discriminant analysis of the morphometrics.