

## Ants Collected by the members of the International Kuril Islands Project, 1995

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**Abstract** Six species of ants belonging to 4 genera were recorded from the Southern Kuril Islands.

The distribution records of ants from the Southern Kuril Islands are scarce, being known only for Iturup (Kuwayama, 1967; Onoyama, 1989; Onoyama & Sonobe, 1992), Kunashir (Kuwayama, 1967; Arnoldi, 1975), and Shikotan islands (Teranishi, 1931; Kogure, 1957; Kuwayama, 1967; Terayama, 1992).

Recently, 80 individuals of ants were collected from 5 islands by members of the International Kuril Islands Project in 1995. These are identified as 6 species. The ants collected and the corresponding collection data were as follows.

### Collecting list

The following abbreviations are used in the collection data: w, worker(s); q, queen(s); N. M., N. Minakawa leg.; P. O., P. Oberg leg.; V. R., V. Roth leg.; D. E. H., D. E. Hoekstra leg. All the specimens are preserved in the Fish Collection, School of Fisheries, University of Washington.

#### Kunashir island

1) *Myrmica orientalis* Karavaiev. 1w, 1. IX. 1995, N. M.; 5w, 2. VIII. 1995, N. M. & P. O.; 3w, 2. IX. 1995, V. R.

We directly compared the specimens from the Kuril Islands with *M. orientalis* sensu Kupyanskaya (1990) from the Far eastern Russia. There is no significant morphological difference between the two, so we apply the name *M. orientalis* to the species from the Kuril Islands following the treatment of Far eastern *Myrmica* species by Kupyanskaya (1990).

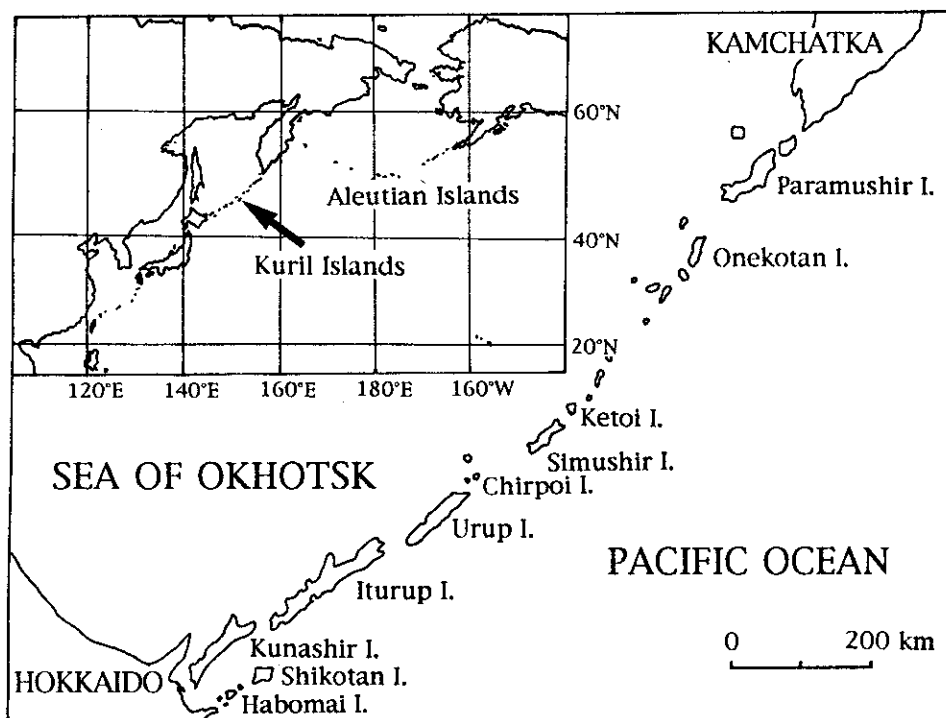


Figure. The Kuril Islands.

- 2) *Camponotus obscuripes* Mayr. 1w, 1. IX. 1995, N. M.; 1f, 2w, 2. VIII. 1995, N. M. & P. O.
- 3) *Formica lemani* Bondroit. 5w, 2. VIII. 1995, N. M. & P. O.
- 4) *Formica hayashi* Terayama & Hashimoto. 1w, 2. VIII. 1995, N. M. & P. O.

We have seen only a single worker which has the following measurements and indices: head length 1.58 mm; head width (HW) 1.30 mm; scape length (SL) 1.95 mm; scape index (SL/HW x 100) 150; length of alitrunk 2.50 mm; length of middle tibia (LMT) 1.70 mm; tibial index (LMT/HW) 1.34.

- 5) *Lasius japonicus* Santschi. 11w, 2. VIII. 1995, N. M. & P. O.; 4w, 1. IX. 1995, V. R.
- 6) *Lasius (Chthonolasius)* sp. 1w, 1. IX. 1995, V. R.

#### Iturup island

- 1) *Myrmica orientalis* Karavaiev, 8w, 3.VIII.1995, N. M. & P. O
- 2) *Formica lemani* Bondroit, 1w, 31.VIII. 1995, N. M.; 2w, 3.VIII.1995, N. M. & P. O.

#### Chirpoi island

- 1) *Formica lemani* Bondroit. 10w, 23. VIII. 1995, P. O. & D. E. H.

Simushir island

- 1) *Formica lemani* Bondroit. 3w, 18. VIII. 1995, N. M. & P. O.

Ketoi island

- 1) *Formica lemani* Bondroit. 10w, 19. VIII. 1995, N. M. & P. O.

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