

## SHORT COMMUNICATION

**P. G. Nemkov. TO THE KNOWLEDGE OF THE DIGGER WASPS OF THE GENUS *NIPPONONYSSON* YASUMATSU ET MAIDL (HYMENOPTERA, CRABRONIDAE, BEMBICINAE) - Far Eastern Entomologist. 2002. N 117: 4-6.**

**П. Г. Немков. К познанию роющих ос рода *Nippononysson* Yasumatsu et Maidl (Hymenoptera, Crabronidae, Bembicinae) // Дальневосточный энтомолог. 2002. N 117. С. 4-6.**

The original key to the species of *Nippononysson* is given below. The morphological variability of *N. rufopictus* is discussed. All studied specimens are deposited in the collection of Institute of Biology and Soil Sciences (Vladivostok).

### **Genus *Nippononysson* Yasumatsu et Maidl, 1936**

*Nippononysson* Yasumatsu et Maidl, 1936: 501 (type species – *Nippononysson rufopictus* Yasumatsu et Maidl, 1936, by original designation); Pate, 1938: 126; Maidl & Klima, 1939: 150; Bohart & Menke, 1976: 51, 465.

SPECIES INCLUDED. *N. rufopictus* Yasumatsu et Maidl, 1936, *N. adiaphilis* Krombein, 1943 (Philippines: Samar I.) and *N. inexpectatus* Beaumont, 1967 (Turkey) [1-9].

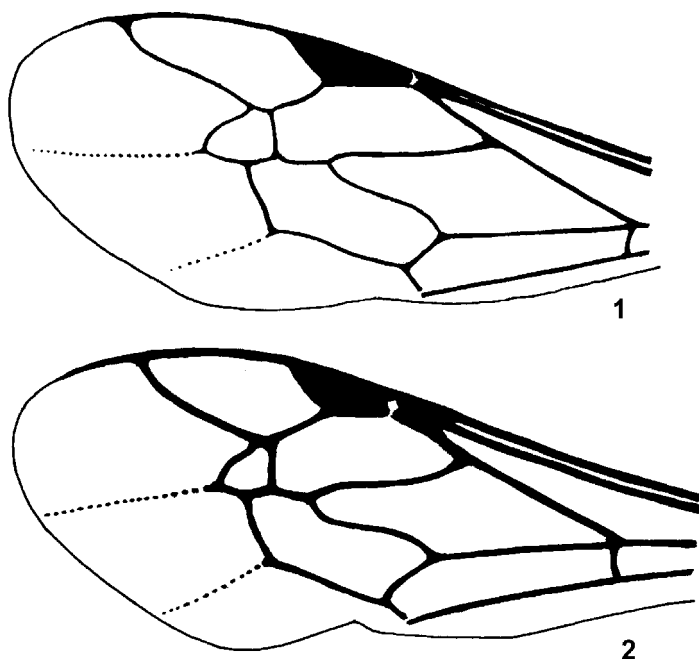
### **Key to species**

1. Forewing submarginal cell II narrow, approximately as long as wide (Fig. 1). ♀ 7.0 (♂ unknown) . . . . . *N. inexpectatus*  
– Forewing submarginal cell II wider, 3/4 as long as wide (Fig. 2) . . . . . 2
2. Gastral segments I-II ferruginous. Paired median carinae on gastral sternum I noticeably divergent posteriorly and enclosing a short, low, obtuse median carina on apical sixth. Apical margin of clypeus noticeably emarginated laterally. ♀ ♂ 7.0-9.0. . . . . *N. rufopictus*  
– Gastral segments I-III ferruginous. Paired median carinae on gastral sternum I very slightly divergent posteriorly and not enclosing any carina in apical sixth. Apical margin of clypeus weakly emarginated laterally. ♀ 8.0 (♂ unknown) . . . . . *N. adiaphilus*

### ***Nippononysson rufopictus* Yasumatsu et Maidl, 1936**

*Nippononysson rufopictus* Yasumatsu et Maidl, 1936: 502 [holotype - ♂, Japan, Kyushu, Bungo, Sobosan; in Kyushu University, Fukuoka, Japan]; Maidl & Klima, 1939: 150; Bohart & Menke, 1976: 469; Kazenas, 1980: 84; Nemkov et al., 1995: 447.

MATERIAL. Russia: 1 ♀, Amurskaya oblast, Gribovka, 19.VII 1975 (Lehr); 2 ♀, Primorskiy krai, Ussuriyskii Reserve, 10.IX 1973 (Lelej); 1 ♀, the same place, 18.VIII 1981 (Mutin); 1 ♀, Kurile Islands, Kunashir Island, Tretyakovo, 4.VIII 1973 (Kasparyan); 2 ♂, the same place, 20.VIII 1980 (Lelej); 1 ♀, Mendeleevo, 4.VIII 1975 (Berezantsev).



Figs 1, 2. *Nippononysson*, forewing. 1) *N. rufopictus* (original); 2) *N. inexpectatus* (after Beaumont, 1967).

**DISTRIBUTION.** **Russia:** Amurskaya oblast, Primorskii krai, Kuril Islands (Kunashir), **Japan:** Hokkaido, Honshu, Kyushu, Amami-oshima.

**NOTES.** In original description of *N. adiaphilus* based on female K.V. Krombein [4] compared this species with the female of *N. rufopictus* by following characters (in addition to ones given in the key above): POD (distance between inner margins of hind ocelli) : OOD (distance between inner margin of eye and outer margin of hind ocellus) = 1:2 (approximately 1:1 in *rufopictus*), legs appreciably ferruginous (black in *rufopictus*), and forewing cubital vein extending only a short distance beyond second submarginal cell (extending to wing margin in *rufopictus*). But the specimens of *N. rufopictus* from Russia have the POD:OOD index 1:1-1:1.5, black legs with more or less ferruginous tibiae and tarsi (sometimes with ferruginous hind femora), and forewing cubital vein considerably varied on length from very short (as in *N. adiaphilus*) up to long. Thus, above-mentioned features are poorly suitable for distinction of these two *Nippononysson* species.

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4. Krombein, K. V. 1943. A new Philippine Nippononysson with remarks on the affinities of the genus (Hymenoptera: Nyssonidae). – *Annals of the Entomological Society of America* 36(3): 451-454.
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9. Yasumatsu, K. & Maidl, F. 1936. A new genus and species of the family Nyssonidae sensu Kohl from the Far East. – *Festschrift zum 60 Geburtstag von Professor Dr. Embric Strand*. Riga 1: 501-504.

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