

vidually, waterproofed by a waxlike oral secretion, and provided with pollen, water, and a little honey". Although they do not mention the small aperture in the middle of the upper side of the cell, their fig. 7 (plate 7) seems to show the same opening. *Anth. stanfordiana*, which appears later in spring, does not hibernate as an adult bee, however, but in the prepupal stage.

Rotterdam, Allard Piersonstr. 28c, September 1946.

Siphonaptera Neerlandica Faunae Novae Species I

by

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Referring to the list of fleas which may be expected in the Netherlands (vide Entom. Berichten, 1947, 12: 171) I should like to record the discovery of three species new to the Dutch fauna.

1. *Malareus penicilliger* Gr.

Wilp (Guelders),

a) 1-VII-1947, 1 ♂ on *Microtus arvalis*.

b) 14-VIII-1947, 1 ♂ on *Talpa europaea*, leg. W. C. van Heurn.

c) Sept. 1947, 1 ♂ on *Clethrionomys glareolus*, leg. W. C. van Heurn.

d) Sept. 1947, 1 ♂, 2 ♀♀ on *Erinaceus europaeus* (!), leg. W. C. van Heurn.

2. *Doratopsylla dasycnemus* Roths.

Wilp (Guelders),

a) 18-VII-1947, 1 ♂ on *Sorex araneus*.

(I did not find this specimen on the mouse itself, but in the debris at the bottom of a drain-pit into which the mouse had fallen. As this drain-pit had been free of mice for several weeks, and in view of the fact that *Palaeopsylla sorecis*, a species as characteristic for Soricidae as *Dor. dasycnemus*, was also found among the debris, there can be little doubt that *Sorex araneus* was the host).

b) 14-VIII-1947, 1 ♀ on *Talpa europaea*, leg. W. C. van Heurn.

3. *Megabothris walkeri* Roths.

Heumen (near Nijmegen), 31-VIII-1947, 2 ♂♂, 2 ♀♀ on *Clethrionomys glareolus*.

I should like to express my sincere thanks to Jonkheer W. C. van Heurn, whose hospitality enabled me to stay on his estate „Kleine Noordijk" at Wilp for some weeks, in order to trap mice in the surrounding woods. It was there that I captured the first two new species mentioned, in addition to a lot of other material. Jhr. van Heurn is one of the very few zoologists who preserve ectoparasites when they come across them, and send the material to a specialist. It is a general complaint among parasitologists that, as a rule, neither ornithologists nor mammalogists take any notice of the ecological unit consisting of the host and its parasites. It is an agreeable surprise, therefore, to find an exception.

Nijmegen, Sumatrastraat 13, September 1947.