

**Silphidae, Catopidae and Dermestidae of
the Noona Dan Expedition to the Philippine
and Bismarck Islands.**

By

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Through the kindness of Dr Børge Petersen of the Zoological Museum, Copenhagen, I have had the opportunity of examining four specimens of Silphidae and five specimens of Dermestidae collected in the Philippine and Bismarck Islands by the Danish "Noona Dan" Expedition in the years 1961-1962 (Petersen, 1966). These specimens belong to five species. One species is new to science.

Two specimens of Catopidae were kindly identified by Dr W. Szymczakowski, and the two species are listed below together with the material identified by me.

SILPHIDAE.

***Diamesus osculans* (Vigors, 1825).**

Bismarck Islands. — NEW BRITAIN: Gazelle Peninsula, Yalom, 1000 m., 1 ex., 9 May 1962, caught by Mercury-light.

The species occurs in Ceylon, southern India, Malaya, Woodlark Is., Java, Sumatra, Borneo, New Guinea, Queensland. Previously not recorded from the Bismarck Islands.

***Nicrophorus nepalensis* Hope, 1831.**

Philippines. — PALAWAN: Mantalingajan Range, Tagembung, 1150 m., 1 ♂ and 2 ♀♀, 17, 19 and 20 Sept. 1961.

The species is known from Nepal, northern India, Bengal, Central China, Sikkim, Tonkin, Sumatra, Java, Borneo, Flores. Previously not recorded from the Philippine Islands.

C A T O P I D A E.

Ptomaphagus latipes (Pic).

Philippines. — PALAWAN: Mantalingajan Range, Pinigisan, 600 m., 1 ♂, 3 Sept. 1961.

This is the first record of the male of this species. Previously only 3 females were known from the island of Mindanao.

Micronemadus pusillimus (Kraatz).

Philippines. — PALAWAN: Mantalingajan Range, Pinigisan, 600 m., 1 ex., 6 Sept. 1961.

An east-asiatic species, formerly not known from the Philippines.

D E R M E S T I D A E.

Thaumaglossa rufula Pic, 1931: 4.

Philippines. — PALAWAN: Mantalingajan, Pinigisan, 600 m., 1 ♀, 7 Sept. 1961. — MINDANAO: Curuan district, Sapamoro, 1 ♂, 20 Dec. 1961.

The species is described from the Philippine Islands without more exact locality. No more data on the distribution of this species in the literature.

Thaumaglossa hilleri Reitter, 1881: 42.

Philippines. — PALAWAN: Mantalingajan, Pinigisan, 600 m., caught in Malaise traps: 1 ♀, 22 Sept. 1961, inside forest and 1 ♂, 9 Sept. 1961, outside forest.

The species was known only from Japan. In the collection of the Institute of Zoology of the Polish Academy of Sciences one specimen labelled "China" is preserved. From Philippine Islands not recorded previously.

Adelaidia unicolor sp. n.

(Figs. 1-5)

Length of body 2.6 mm. Body black, unicolorous, covered by erect black hairs (Fig. 5). Head with ocellus. Antennae 11-jointed with 3-jointed club (Fig. 3). Prosternum lobed in front. Antennal fossae inconspicuous. Scutellum not visible. Pronotum and elytra black. Femora strongly compressed (Figs. 1-2). Copulatory apparatus as in Fig. 4.

H o l o t y p e, ♂. Philippines. — TAWI TAWI: Tarawakan, 13 Nov. 1961, Noona Dan Exp., caught in Malaise trap. Preserved in the Zoological Museum, Copenhagen, Denmark.

Previously only one species was placed in the genus *Adelaidia*: *A. rigua* Blackburn, 1891: 130, occurring in South Australia and New South Wales. *A. rigua* Blackb. has two kinds of hairs: erect

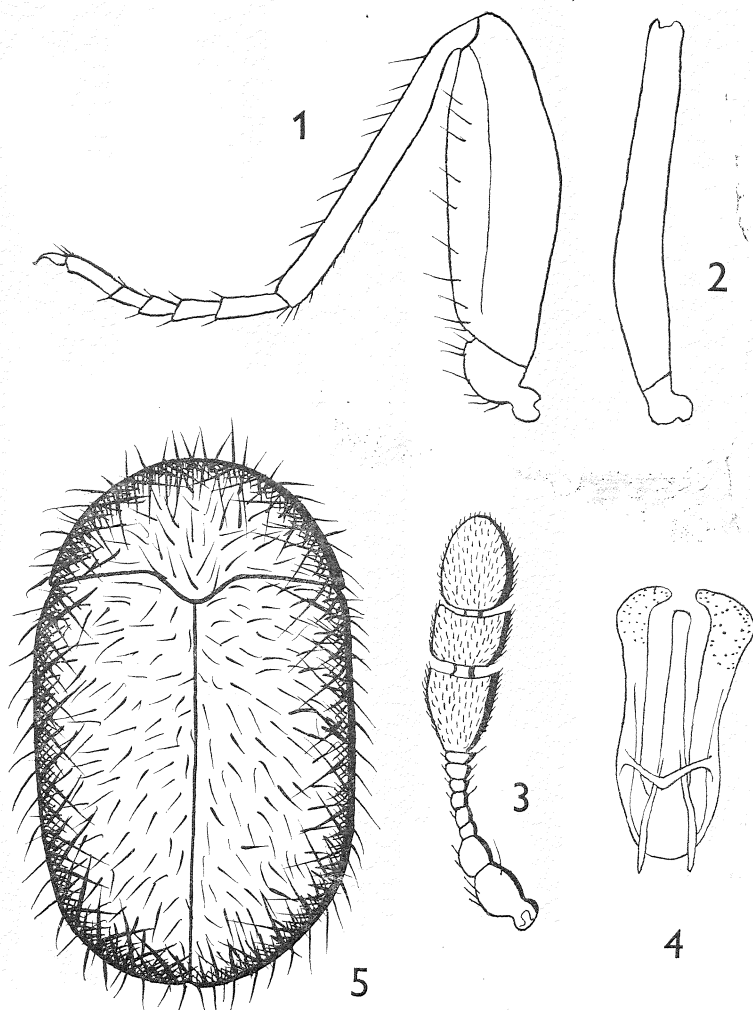


Fig. 1-5. *Adelaidia unicolor* sp. n., holotypus, male. 1: leg x 115, 2: lateral view of femur x 115, 3: antenna x 115, 4: copulatory apparatus x 115, 5: imago.

black and recumbent white ones, and the white hairs form some bands and spots. *A. unicolor* sp. n. has only one kind of hairs: erect, black ones.

Summary.

Two species of Silphidae, two species of Catopidae, and three species of Dermestidae are recorded from the Philippines and the Bismarck Islands. Most of the records are new to the areas concerned. One of the dermestids are new to science and described in the genus *Adelaidia*.

Literature cited:

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