

## A revision of Nearctic species of the genera *Adota* Casey, 1910 and *Psammotiba* Yosii & Sawada, 1976 (Coleoptera: Staphylinidae: Aleocharinae)

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## Abstract

Holarctic genera *Psammotiba* Yosii & Sawada, 1976 (new to North America) and *Adota* Casey, 1910 are redescribed. *Halostiba* Yosii & Sawada, 1976 is placed in synonymy with *Adota* Casey, 1910. Keys to Nearctic species of *Adota* and *Psammotiba* are provided. *Adota colpophila* Gusarov, **sp. n.** from Mexico and *Psammotiba kenaii* Gusarov, **sp. n.** from Alaska, British Columbia and California are described. *Atheta setositarsis* Casey, 1910, *At. subintima* Casey, 1910, *At. scortea* Casey, 1911, *At. scolopacina* Casey, 1911 and *At. insons* Casey, 1911 are placed in synonymy with *Adota maritima* (Mannerheim, 1843). Three Palaearctic species, *Atheta ushio* (Sawada, 1971), *At. magnipennis* Bernhauer, 1943 and *At. madida* Bernhauer, 1907 are transferred to *Adota*. Lectotypes are designated for *Atheta massettensis* Casey, 1910, *At. subintima* Casey, 1910, *At. scortea* Casey, 1911, *At. scolopacina* Casey, 1911 and *At. insons* Casey, 1911. *Atheta finita* Moore & Legner, 1975 (replacement name for *At. definita* Casey, 1911), *At. pavidula* Casey, 1911 and *At. irrita* Casey, 1911 described by Casey in *Atheta* (*Adota*) do not belong to *Adota*. *Psammotiba* Yosii & Sawada, 1976 is raised to generic rank and *Adota comparabilis* (Mäklin in Mannerheim, 1853) is transferred to *Psammotiba*.

**Key words:** Coleoptera, Staphylinidae, Aleocharinae, *Adota*, *Psammotiba*, Nearctic, Palaearctic, taxonomy, nomenclature, new species, synonymy, identification key

## Introduction

Casey (1910) described subgenera *Adota* and *Panalota* of the genus *Atheta* Thomson, 1858. He placed three species in the first subgenus and one species in the second subgenus, and subsequently (Casey 1911) added a few more species. Although originally Casey (1910) included in *Atheta* (*Adota*) only coastal species in his 1911 paper he also included in this subgenus three newly described continental species.

Fenyés (1918, 1920) raised *Adota* and *Panalota* to generic rank, based on the absence of infraorbital carina. He noted that some species included by him in *Adota* do have the carina and probably belong to the subgenus *Hypatheta* Fenyés, 1920 of the genus *Atheta*, but he did not mention the names of these species.

Brundin (1943) discussed systematic position and diagnostic characters of the subgenus *Panalota*. He redescribed and transferred to *Atheta* (*Panalota*) three species from the Northern Pacific coasts: *Atheta maritima* (Mannerheim, 1843), *At. hilleri* (Weise, 1877) and *At. vacillator* Cameron, 1933. Additionally, Brundin (1943) described two new species of *Atheta* (*Panalota*): *At. kamtschatica* Brundin, 1943 and *At. jessoensis* Brundin, 1943.

Yosii and Sawada (1976) described subgenera *Halostiba* and *Psammotiba* of the genus *Atheta* to accommodate some seashore species from the Far East. Yosii and Sawada (1976) were aware of Casey's and Brundin's (1943) works, but because the type species of *Panalota* Casey, 1910 was unknown to them, they proposed a new subgeneric name, *Psammotiba*, for *At. hilleri*, *At. kamtschatica* and *At. jessoensis*.