Hesperus neosplendoris, a New Name for Cafius splendoris (Coleoptera: Staphylinidae)

Authors: Yoo, In-Seong, and Ahn, Kee-Jeong

Source: Florida Entomologist, 96(3) : 1196-1197

Published By: Florida Entomological Society

URL: https://doi.org/10.1653/024.096.0366
Members of the genus *Cafius* Stephens (Coleoptera: Staphylinidae) are confined to seashore habitats worldwide. From the time of its description, *C. splendoris* Last has been consistently classified with the other 44 species in the genus *Cafius*. However, this placement was questioned by Frank & Ahn (2011), mainly because of its distribution on Mt. Amingwiwa 1000-2300 m asl in Papua New Guinea. This led us study the systematic status of *C. splendoris* in more detail.

Examination of the holotype of *C. splendoris* (Figs. 1 and 2) reveals that the specimen represents a species of *Hesperus* Fauvel. It lacks the diagnostic characters of *Cafius* but corresponds well to the diagnostic characters for *Hesperus*: maxillary and labial palps elongate, maxillary palpmere 3 more or less 2.0 times as long as wide, labial palpmere 2 more than 2.0 times longer than wide; largest lateral macrosetal puncture of pronotum separated from lateral margin by more than 3.0 times width of puncture; mesoventrite with rounded intercoxal process; outer edge of front tibia with spines; front tarsomeres 1-4 each with modified pale setae on ventral surface. We herein, transfer *C. splendoris* to the genus *Hesperus*.
We subsequently found that Last (1987: 46) described another new species named *Hesperus splendoris* in the same paper with *Cafius splendris*. Differences between these 2 species are presented in Table 1. Because this renders this name (*H. splendoris*, new combination) invalid, we propose a replacement name for the junior homonym as follows:

*Hesperus neosplendoris* Yoo and Ahn, new name

*Hesperus splendoris* (Last), new combination, not Last, 1987: 46.

*Cafius splendris* Last, 1987: 52.

**SUMMARY**

*Hesperus splendoris* (Last) is transferred from the genus *Cafius* to *Hesperus* Fauvel and the name is replaced as *H. neosplendoris*. Illustrations of the holotype and label data are presented.

Key Words: diagnostic characters, junior homonym, replacement name, seashore habitats

**RESUMEN**

La especie *Hesperus splendoris* (Last) se transfiere del género *Cafius* a *Hesperus* Fauvel y su nombre se remplaza como *H. neosplendoris*. Se presentan ilustraciones del holotipo y datos de la etiqueta.

Palabras Clave: caracteres diagnósticos, homónimo menor, nombre de reemplazo, hábitats costeras

**ACKNOWLEDGMENTS**

We thank Shepherd Myers (Bishop Museum, Honolulu) for loan of the type specimen. Suggestions including a new name by H. Frank (Univ. of Florida, Gainesville) made the manuscript concise and crisp. This research was supported by the Basic Science Research Program through the National Research Foundation of Korea (NRF) funded by the Ministry of Education, Science and Technology (2009-0073111 and 2012-031412).

**REFERENCES CITED**
