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Hylaeus nalo Magnacca and Daly, 2003 (Hymenoptera: Colletidae: Hylaeinae)

Profile Prepared by Karl Magnacca, USGS-BRD, Kilauea Field Station.

SUMMARY

Hylaeus nalo is an enigmatic bee endemic to the island of Oahu in Hawaii. It is distinguished by its large size, obscure facial marks, deep paraocular depression, and truncate gonoforceps. It is known only from a single specimen collected in 1914, and may be extinct.

CONSERVATION STATUS

Xerces Red List Status: Critically Imperiled

Other Rankings:

Canada – Species at Risk Act: N/A Canada – provincial status: N/A Mexico: N/A USA – Endangered Species Act: None USA – state status: None NatureServe: **GNR IUCN Red List:** N/A

SPECIES PROFILE

DESCRIPTION

Males: Black, face with small, obscure paraocular marks; paraocular depressions distinct. Gonoforceps short, somewhat truncate. Punctation of abdomen not distinct.

Females: Unknown.

Hylaeus nalo is larger and more robust than most Hawaiian species, but is not a member of the *pubescens* species group, which have a characteristic punctate abdomen. It is not closely related to any other Hawaiian species.

TAXONOMIC STATUS

Hylaeus nalo was collected in 1914 and described in Daly and Magnacca (2003).

LIFE HISTORY

Completely unknown. Because it shows no close affiliation to other species, nothing can even be inferred from its relatives.

DISTRIBUTION

The specific distribution of *H. nalo* is unknown; the locality label of the single specimen simply says "Oahu".

THREATS

The rarity of *H. nalo* and lack of any knowledge about its requirements make it impossible to assess threats.

CONSERVATION STATUS

This species is extremely rare and possibly extinct.

CONSERVATION NEEDS

The top priority is to identify extant populations and document the continued existence of the species.

RESEARCH NEEDS

Locate populations; determine habitat requirements.

RESOURCES

CONTACTS

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REFERENCES

Daly, H. V., and K. N. Magnacca. 2003. *Insects of Hawaii, Vol. 17: Hawaiian Hylaeus (Nesoprosopis) Bees (Hymenoptera: Apoidea)*. University of Hawaii Press, Honolulu. 234 pp.

WEBSITES

This bee has no web presence.