

Aulacaspis yasumatsui

SYSTEM

Terrestrial

COMMON NAMES

English: snow scale, Thai scale

DESCRIPTION

All adult female *Aulacaspis yasumatsui* (cycad aulacaspis scale (CAS)) have a waxy outer covering for the protection of themselves and their eggs (the scale) (Weissling et al. 1999). The scale of mature females of *A. yasumatsui* are: white, 1.2-1.6mm long and highly variable in form. They tend to have a pyriform shape with the exuviae at one end, but are often irregularly circular, conforming with leaf veins, adjacent scales and other objects. The ventral scale is extremely thin to incomplete. The scale of the juvenile male is similar to those of other species of Diaspididae, being 0.5-0.6mm long, white and tricarinate, with exuviae at the cephalic end. Scales of males are nearly always more numerous than those of females (Howard et al. 1999). Adult males are orange-brown, and are similar in appearance to tiny flying midges, with one pair of wings and well-developed legs and antennae (Heu et al. 2003). Adult females are also orange in colour (Weissling et al. 1999).

NATIVE RANGE

ASEAN: Thailand

WORLD: China

KNOWN INTRODUCED RANGE

ASEAN: Singapore

WORLD: Cayman Islands; Cote D'ivoire; France; Guam; Hong Kong; New Zealand; Northern Mariana Islands; Palau; Puerto Rico; Taiwan; United States; Virgin Islands, U.S.

PATHWAY

Transport - Parasites on plants

REASON FOR INTRODUCTION

Aulacaspis yasumatsui (cycad aulacaspis scale (CAS)) can be transported to new locations by the import of infested cycad plants. There is high potential for CAS to spread in this manner as one or more fecund females hidden in the cycad can easily escape detection (EPPO, 2005).

IMPACTS

Both the citrus and Asian longhorn beetles originate from Eastern Asia where they seriously damage forest and agricultural plant hosts; both pose a potential economic

and ecological threat to urban and natural environments where they are introduced in North America and Europe.

Source: Global Invasive Species Database (2020) Species profile: *Aulacaspis yasumatsui*. Downloaded from <http://www.iucngisd.org/gisd/speciesname/Aulacaspis+yasumatsui> on 07-04-2020.



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https://en.wikipedia.org/wiki/Aulacaspis_yasumatsui#/media/File:Aulacaspis_yasumatsui_5194053.jpg accessed on 7-April-2020