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Confirmation of the presence of *Anosimus decoratus* Roelofs (Coleoptera, Curculionidae, Entiminae) on Yakushima Island, Kyushu, Japan, with notes on its biology

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Entimine weevils in the genus *Anosimus* Roelofs, 1873 are characterized by the structure of the apex of the rostrum, which is produced trapezoidally beyond the antennal fossae and upturned. In Japan, the type species, *A. decoratus* Roelofs, 1873 is distributed in Honshu, Shikoku, Kyushu, and Tsushima Island. Nakane (1984) listed this species from Yakushima Island, however, no subsequent sightings have been reported in the literature (ex. Morimoto, 2002). Adults have been previously found on *Quercus* spp. and *Castanea crenata* Siebold & Zucc. (Kojima & Morimoto, 2016).

Recently, we confirmed the occurrence of this species on Yakushima Island, Kyushu on leaves of *Castanopsis sieboldii* (Yanagita) Yonek. (Sudajii in Japanese; Fagaceae). Here we reconfirm that this is the southernmost record of this species. Further, a new adult feeding plant is reported, with unique adult feeding scars observed for the first time.

Specimens are deposited in the Laboratory of Entomology, Tokyo University of Agriculture, Atsugi.

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***Anosimus decoratus* Roelofs, 1873** (Figs. 1-4)

Anosimus decoratus: Nakane, 1984: 629 (listed and recorded from Yakushima Island).

See Kojima & Morimoto, 2016: 164 for other synonymy.

Specimens examined. 1 ex., Anbô~Yakusugi-rando, 18.V.2017, T. Nakazato; 1 ex., Koseda, 3.V.2015, T. Yôro; 40 exs., Anbô, 9.VI.2019, H. Kojima.

Distribution. Japan (Honshu, Shikoku, Kyushu, Tsushima Island, Yakushima Island); Korea.

Adult feeding plant. *Quercus serrata*, *Q. crispula*, *Q. acutissima*, *Q. dentata*, *Castanea crenata* (Konara, Mizunara, Kunugi, Kashiwa and Kuri in Japanese, respectively; Fagaceae), *Castanopsis sieboldii* (Fagaceae) - New adult host.

Adult feeding scars. As is known from other weevils of the Entiminae, weevils of the tribe Cyphicerini leave adult feeding scars along leaf margins; however, spotty feeding scars left on the leaf surface were recently found made by weevils of the tribe Celeuthetini (Kojima & Morimoto, 2012; Kojima & Nagano, 2019). Similar spotty scars were unexpectedly observed on leaf surfaces of *Castanopsis sieboldii*. These spotty scars were left by *A. decoratus* at the Anbô collecting site (Figs. 1 & 2). This might be an unusual case in the Phyllobini-Polydrusini-Cyphicerini group, and is probably due to a modification in the apex of the rostrum and the mouthparts, which have smaller mandibles than other cyphicerine genera (Figs. 3 & 4; cf. Morimoto & Kojima, 1994, figs. 35 & 36).

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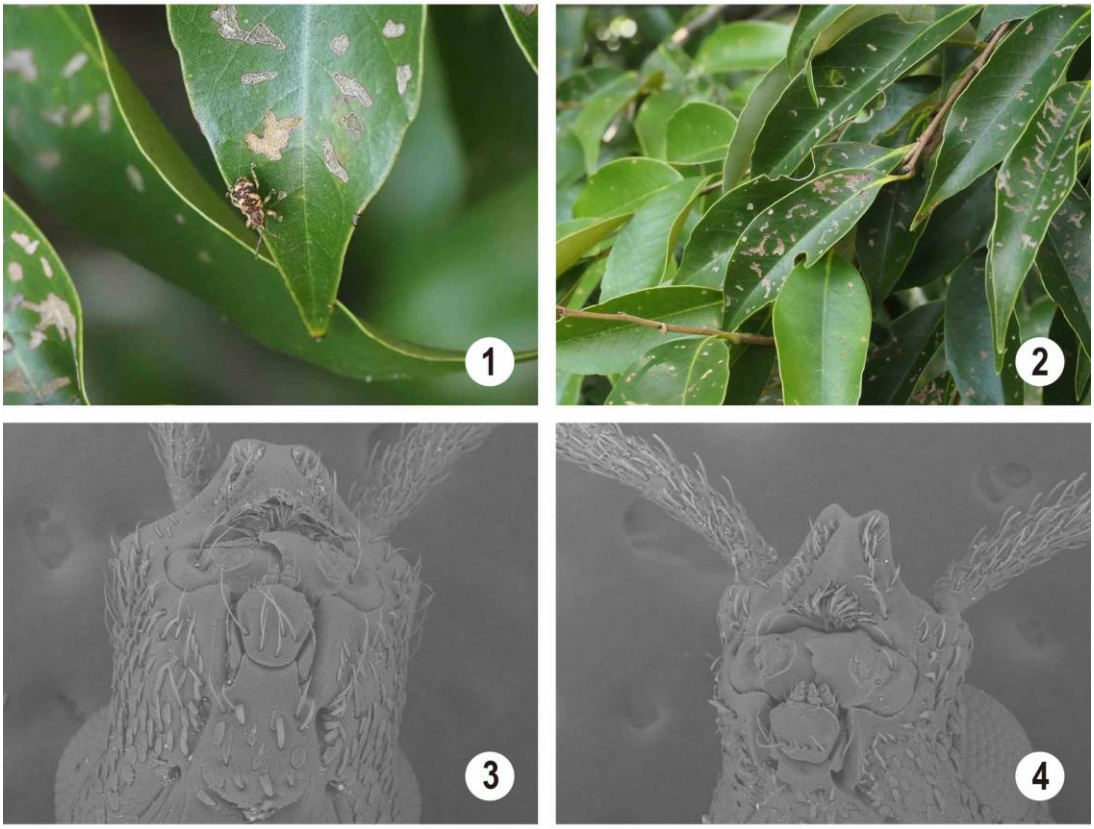

Figs. 1-4. *Anosimus decoratus*. 1, An adult on leaf of *Castanopsis sieboldii*; 2, adult feeding scars left on leaves of *C. sieboldii*; 3, SEM photo of mouth parts, ventral, female; 4, ditto, male.

要　約

小島弘昭・養老孟司：屋久島におけるトゲアシクチブトゾウムシ（甲虫目ゾウムシ科）の分布確認と生態的知見について．———— トゲアシクチブトゾウムシを屋久島（分布南限）から再確認するとともに，新たな成虫加害植物（スダジイ）とクチブトゾウムシ族としては特異な食害痕を確認したので記録した．

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