

A contribution to knowledge of woodwasps from Vietnam (Hymenoptera: Siricidae)

JIRÍ HÁVA

Private Entomological Laboratory & Collection,
Rýznerova 37/37, Únětice u Prahy, Prague-west, Czech Republic
e-mail: jh.dermeistidae@volny.cz

HÁVA, J. *A contribution to knowledge of woodwasps from Vietnam (Hymenoptera: Siricidae).*

Abstract: *Siricosoma reverentia* sp. nov. from Vietnam is described, illustrated and compared to *Siricosoma tremecoides* Forsius, 1933.

Keywords: new species, Hymenoptera, Siricidae, Siricosoma, Tremex, Vietnam.

Introduction

The genus *Siricosoma* Forsius, 1933 was established on a single species *Siricosoma tremecoides* Forsius, 1933 known from the Malay Peninsula (MAA 1949, TAEGER et al. 2010, SCHIFF et al. 2012). It was collected in Vietnam. It is described and compared to its related species, namely *Siricosoma tremecoides* Forsius, 1933.

Material and methods

The studied woodwasps are deposited in JHAC, Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic. For identification of the collected woodwasps, the following papers and monographs were studied: the paper of HÁVA 2021 on the newly described woodwasp *Tremex incognitus* from Vietnam; the monographs of MAA 1949 and SCHIFF et al. 2012 on the Siricids of Asia and the Western Hemisphere. For the distribution of woodwasps, the world catalog of TAEGER et al. 2010 was consulted.

Results

Genus *Siricosoma* Forsius, 1933

Siricosoma reverentia sp. nov. (Figs. 1-9)

Type material: Holotype (♀) labelled: "Vietnam, Yen Bai, 5.2020, local collector", (JHAC). Paratype (1 ♀): same data as holotype, (JHAC); (1 ♀): same data as holotype, but 5.2021, (JHAC).

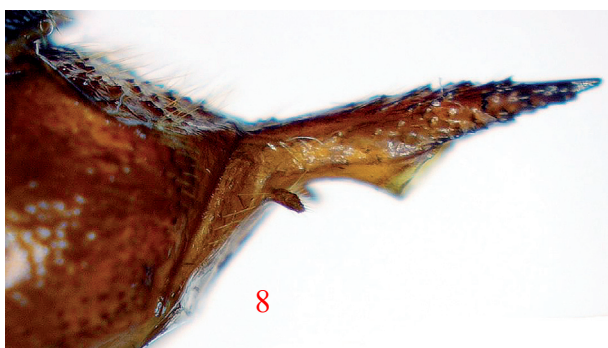
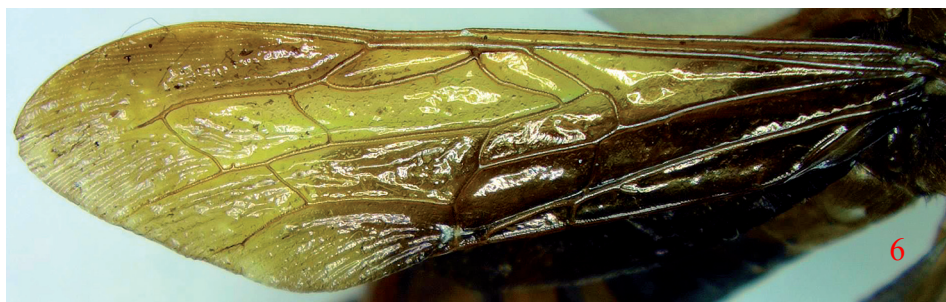
Description of female (Fig. 1). Length: 30 mm from front of head to apex of cornus; 34 mm from front of head to apex of ovipositor. Head (Fig. 2) and pronotum brownish-yellow, mesonotum brownish-yellow with narrow longitudinal black area, abdomen bicolor, brown and brownish-yellow. Wings yellowish infuscated with brown areas (Fig. 6). Lower portion of head, thorax, abdomen, gena, frons, and vertex with yellow pubescence. Antenna unicolor, light brown covered by yellow setae, with 25 flagellomeres (Fig. 5). Head brownish-yellow with black area near ocelli, with irregular scattered pits, separated by flat, shiny interspaces 2-33x as large as pit diameters; clypeus and supraclypeal area with dense pubescence and reticulate sculpture. Occiput with long black setation. Propleuron dark brown, mesepisternum brown with yellow area. Pronotum brownish-yellow dorsally, with brown latero-apical part, matt; mesonotum bicolor, matt; mesoscutellum brownish-yellow evenly sculptured with warts and pits covered by long yellow setae (Fig. 2). Cenchri brownish-yellow. Legs: anterior and middle legs brownish-yellow except dark brown claws, posterior legs brownish-yellow with brown metacoxa and matafemur. Abdominal tergites I-VIII brownish-yellow with brown lateral spots (Fig. 1). Tergite IX unicolor brownish-yellow (Fig. 7), median basin brownish-yellow. Tergite X (cornus) brownish-yellow (Figs. 7-8). Cerci broad at base of cornus, with yellow setation. Abdominal sternites brownish-yellow. Ovipositor brownish-yellow.



Fig. 1. *Siricosoma reverentia* sp. nov.: 1 - habitus, dorsal



Figs. 2-4. *Siricosoma reverentia* sp. nov.: 2 - head, holotype 3 - head, paratype
4 - pronotum 5 - antenna



Figs. 5-9. *Siricosoma reverentia* sp. nov.: 6 - forewing, 7 - median basin, 8 - cerci, 9 - cornus, sheath, ovipositor.

Male: unknown.

Variability: Length of paratype: 32 mm from front of head to apex of cornus; 34 mm from front of head to apex of ovipositor. Head (Fig. 4).

Differential diagnosis: The new species differs from *S. tremecoides* by the unicolorous light brown antennae, dark areas on vertex, colour of abdominal segments, colour of tergum 9 and median basin and colour of forewings as they figured in Figs. 1-10.

Etymology: From the Latin, *reverentia*, meaning respect .

Genus *Tremex* Jurine, 1807

Tremex incognitus Háva, 2021

Material examined: Vietnam, Yen Bai, 5/2020, local collector, 1♀, (JHAC).

Tremex temporalis Maa, 1949

Material examined: Vietnam, Lai Chau, 5/2020, local collector, 1♀, (JHAC).



Fig. 10. *Siricosoma tremecoides* Forsius, 1933: 10 - habitus, dorsal (according to Schiff et al. 2012).

Acknowledgements

I am indebted to M. Rakovič (Czech Republic) for the revision of the English text of the manuscript and to all reviewers for valuable comments.

References

- HÁVA, J. 2021: The woodwasp *Tremex incognitus* sp. nov. (Hymenoptera: Siricidae) from Vietnam. - *Munis Entomology & Zoology*, 16(1): 111-114.
- MAA, T. 1949: A synopsis of Asiatic Siricoidea with notes on certain exotic and fossil forms (Hymenoptera, Symphyta). - *Musée Heude, Notes d'Entomologie Chinoise* 13(2): 11-189.
- SCHIFF, N. M., GOULET, H., SMITH, D. R., BOUDREAU, C., WILSON, A. D. & SCHEFFLER, B. E. 2012: Siricidae (Hymenoptera: Symphyta: Siricoidea) of the Western Hemisphere. - *Canadian Journal of Arthropod Identification*, 21: 1-305. DOI: <https://doi.org/10.3752/cjai.2012.21>
- TAAGER, A., BLANK, S. M. & LISTON, A. D. 2010: World Catalog of Symphyta (Hymenoptera). - *Zootaxa*, 2580:1-1064. DOI: <https://doi.org/10.11646/zootaxa.2580.1.1>
- LEE, J. W., RYU, S. M. & CHUNG, D. K. 1998: Taxonomy of the genus *Tremex* Jurine (Hymenoptera: Siricidae) from Korea, with descriptions of one new species and one unrecorded species. - *Korean Journal of Biological Sciences* 2: 297-302.