

Three Additional Species of the Subfamily Cerambycinae (Coleoptera, Cerambycidae) from Korea

Seung Hwan OH¹⁾ and Hyun Kyu JANG²⁾

1) #101, Manseung Bldg., 49, Myeongseong-ro 149-gil, Cheorwon-gun, Gangwon-do, 24037 Korea

2) #201, Doowonvil, 28, Seonyu-ro 9na-gil, Yeongdeungpo-gu, Seoul, 07286 Korea

Abstract Three longicorn beetles belonging to the subfamily Cerambycinae are newly recorded from Korea. They are *Ropalopus (Prorrhopalopus) speciosus* PLAVILSTSHIKOV, 1915, *Phymatodes (Poecilium) ermolenkoi* TSHEREPANOV, 1980 and *Stenhomalus (Stenhomalus) nagaoui* HAYASHI, 1960.

Introduction

Six longicorn beetles of the subfamily Cerambycinae have been added to the fauna of Korea since SMENTANA and DANILEVSKY (2010) listed up to a total of 105 species of the subfamily from Korea (HAN & LYU, 2010; DANILEVSKY, 2012; LIM *et al.*, 2013; OH, 2013). We examined three unrecorded species of the subfamily from the Korean Peninsula and its neighboring islands, which are *Ropalopus (Prorrhopalopus) speciosus* PLAVILSTSHIKOV, 1915 and *Phymatodes (Poecilium) ermolenkoi* TSHEREPANOV, 1980 from the mainland of the peninsula, and *Stenhomalus (Stenhomalus) nagaoui* HAYASHI, 1960 from Yeoseo-do Is. located between the peninsula and Jeju-do Is.

Ropalopus (Prorrhopalopus) speciosus PLAVILSTSHIKOV, 1915

(Korean name: Yun-ga-seum-geom-jeong-sam-na-mu-ha-neul-so)

(Fig. 1)

Ropalopus speciosus PLAVILSTSHIKOV, 1915: 108; type locality: Manchuria.

Specimens examined. 1 ex., Cheonmi-ri, Yanggu-gun, Gangwon-do, Korea, 6.VI.2013, S.-H. OH leg.; 2 exs., Namjeon-ri, Inje-gun, Gangwon-do, Korea, 17.V.2015, H.-K. JANG leg.

Distribution. China (Jilin), Korea (central area) (new record) and Russia (Far East).

Note. *Ropalopus speciosus* is a little known callidiopine species and has so far been recorded from NE. China and Far East Russia. Three specimens listed above were found on the cut trunks of broad-leaved trees in the daytime.

Phymatodes (Poecilium) ermolenkoi TSHEREPANOV, 1980

(Korean name: Ggo-ma-hong-ddi-ha-neul-so)

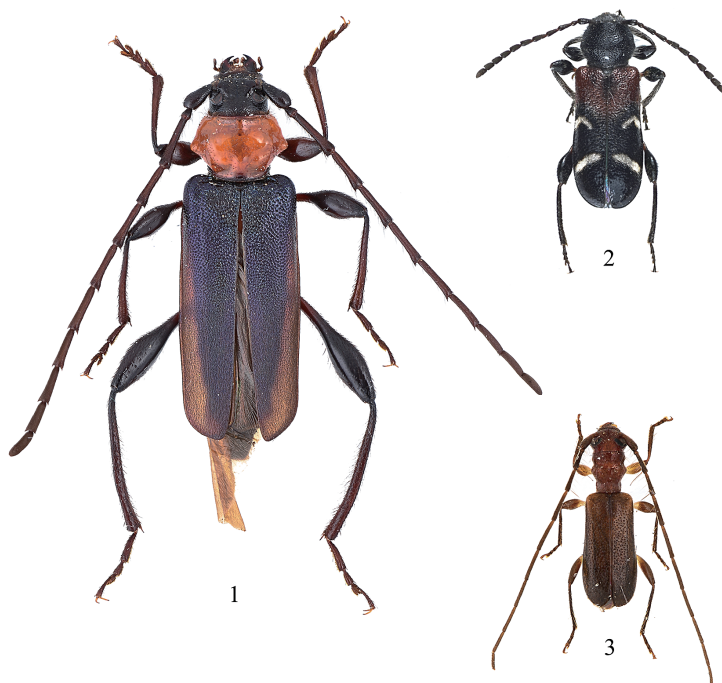
(Fig. 2)

Phymatodes ermolenkoi TSHEREPANOV, 1980: 88; type locality: Ussurijsk-Primorsk region (Hassan), Russia.

Specimen examined. 1 ♀, Mt. Bokgye-san, Cheorwon-gun, Gangwon-do, Korea, 13.V.2015, S.-H. OH leg.

Distribution. Korea (central area) (new record) and Russia (Primorye region).

Note. This species has so far been known only from the Primorye region, Russia. The single fe-



Figs. 1–3. Cerambycine species newly recorded from Korea. — 1, *Ropalopus (Prorrhopalopus) speciosus* PLAVILSTSHIKOV, 1915; 2, *Phymatodes (Poecilium) ermolenkoi* TSHEREPANOV, 1980; 3, *Stenhomalus (Stenhomalus) nagaoui* HAYASHI, 1960.

male specimens listed above was taken engaging in the ovipositional behavior on the cut trunk of an oak tree.

***Stenhomalus (Stenhomalus) nagaoui* HAYASHI, 1960**

(Korean name: Ggo-ma-song-sa-ri-yeot-ha-neul-so)

(Fig. 3)

Stenhomalus nagaoui HAYASHI, 1960: 11; type locality: Mt. Inunaki, Fukuoka Pref., Kyushu, Japan.

Specimens examined. 7 exs., Yeoseo-do Is., Wando-gun, Jeollanam-do, Korea, 16.III.2015, H.-K. JANG leg.

Distribution. Japan (west from Honshu) and Korea (Yeoseo-do Is.) (new record).

Note. *Stenhomalus nagaoui* has so far been known as an endemic species of Japan (NIISATO, 2007). The larvae of this species were found in a dead branch of Lauraceae in Yeoseo-do Is. located between the Korean Peninsula and Jeju-do Is.

Acknowledgements

We wish to express our hearty thanks to Dr. T. NIISATO of Bioindicator Co., Ltd., Tokyo for his critical reviewing of the original draft of this paper.

要 約

吳升煥・張炫奎：韓国から新記録となるカミキリ亜科（鞘翅目カミキリムシ科）の3種。——
Ropalopus (Prorrhopalopus) speciosus, *Phymatodes (Poecilium) ermolenkoi* および *Stenhomalus (Stenhomalus) nagaii*
 の3種を韓国から新たに記録した。

References

- DANILEVSKY, M. L., 2012. Additions and corrections to the new catalogue of Palaearctic Cerambycidae (Coleoptera) edited by I. LÖBL and A. SMETANA, 2010. Part. V. *Humanity space-International Almanac*, **1**: 695–741.
- HAN, Y.-E., & D.-P. LYU, 2010. Taxonomic review of the genus *Xylotrechus* (Coleoptera: Cerambycidae: Cerambycinae) in Korea with a newly recorded species. *Korean Journal of Applied Entomology*, **49**: 69–82.
- HAYASHI, M., 1960. Studies on Cerambycidae from Japan and its adjacent regions (XII). *Entomological Review of Japan, Osaka*, **12**: 11–13.
- LIM, J.-O., I.-K. KIM, Y.-S. Lee, K.-M. KIM, C.-H. KIM, J.-S. LIM, S.-Y. PARK & B.-W. LEE, 2013. Three species of *Phymatodes* MULSANT (Coleoptera: Cerambycidae) new to South Korea that hosted on *Vitis vinifera* LINNAEUS (Vitaceae). *Entomological Research, Seoul*, **43**: 34–39.
- NIISATO, T., 2007. Subfamily Cerambycinae LATREILLE, 1804. Pp. 421–512. In OHBAYASHI, N., & T. NIISATO (eds.), *Longicorn Beetles of Japan*. 818 pp. Tokai University Press, Hadano.
- OH, S.-H., 2013. Two additional species of the subfamily Cerambycinae (Coleoptera, Cerambycidae) from the Korean Peninsula. *Elytra, Tokyo*, (n. ser.), **3**: 161–163.
- PLAVILSTSHIKOV, N. N., 1915. Zhuki-usachi sobrannye A. I. ALEKSANDROVYM v Manchzhuria (Coleoptera. Cerambycidae). *Entomologicheskyy Vestnik. Kiev*, **2**: 103–110.
- SMETANA, A., & M. L. DANILEVSKY, 2010. Cerambycinae (taxa from Korea). Pp. 143–207. In LÖBL, I., & A. SMETANA (eds.), *Catalogue of Palaearctic Coleoptera*, **6. Chrysomeloidea**. 924 pp. Apollo Books, Stenstrup.
- TSHEREPANOV, A. I., 1980. Novye vidy zhukov-drovosekov v lesach yuzhnoi Sibiri (Coleoptera, Cerambycidae). In TSHEREPANOV, A. I., & N. E. TSHEREPANOVA (eds.), *Novye i maloizvestnye vidyfauny Sibiri*, **14**: 88–92. Novosibirsk, Nauka.

Manuscript received 15 July 2015;
 revised and accepted 2 August 2015.