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***Pelagodes cancriformis*, a new emerald moth species from the north of Thailand, Laos and southern China (Lepidoptera, Geometridae: Geometrinae)**

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Guenée (1858) described the genus *Thalassodes* for *T. pilaria* Guenée from Loyalty Island (Tahiti) and some allied species. Prout (1912) revised the genus, listing 32 taxa from the Old World, and later (Prout 1933) listed forty species and divided *Thalassodes* into four unnamed sections according to habitus and structure of the male legs. Holloway (1996) divided *Thalassodes* into three genera using genitalic characters and grouped 16 species in genus *Pelagodes* Holloway (type species: *Thalassodes aucta* Prout, 1912). Scoble (1999) attributed 22 species to the genus. Later, Inoue (2003, 2005, 2006) revised collections from the Oriental region, describing ten additional species and a further distinct genus, *Reniformvalva* Inoue, 2006. Han and Xue (2011) added four new species to *Pelagodes* and found external similarities between *P. clarifimbria* and moths from Hainan in China, but postponed any differentiation due to limited material. Lindt, while identifying his emerald moths collected in Laos, noticed genitalic differences between brown-fronted *Pelagodes* specimens from Laos and Thailand, which are allopatric in Thailand. Here we present a comparative description of *P. clarifimbria* and a new species *P. cancriformis*. Institutional acronyms are as follows: EMNH, Estonian Museum of Natural History, Tallinn, Estonia. IZBE, formerly in Institute of Zoology and Botany of the Estonian Academy of Sciences, now deposited in Estonian University of Life Sciences, Tartu, Estonia. IZCAS, Institute of Zoology, Chinese Academy of Sciences, Beijing, China.

***Pelagodes cancriformis* Viidalepp, Han & Lindt, sp. nov.**

Figs 1–5, 9–10, 12.

Material examined. Holotype, ♂, **CHINA:** Hainan, Baisha, Yinggeling, Hongxincun, 429 m, 16–17.XI.2008, coll. Li Jing, (Slide no. 1922). Paratypes: 1♂, **THAILAND:** Mae Surin, 1200 m, 18°56′03″N, 98°04′27″E, 14.V.2005, A. Lindt leg. Gen. prep. 35 (A. Lindt coll.); 1♂, Mae Surin, 1200 m, 18°56′03″N, 98°04′27″E, 14.V.2005, A. Lindt leg. Gen. prep. 7478 (J. Viidalepp) (EMNH); **LAOS:** 1♂, NE. Na Quang, 1100 m, 19°00′08″N, 102°40′09″E, 28.X.2011 A. Lindt leg. Gen. prep. 5 (A. Lindt). coll. IZBE; 1♂, NE. Na Quang, 900 m, 19°00′12″N, 102°38′42″E, 29.X.2011 A. Lindt leg. coll. A. L.; 1♂♀, SW. Bun Tai, 737 m, 21°25′10″N, 101°56′13″E, 21.X.2011 A. Lindt leg. Gen. prep. 16, 21 (A. Lindt) coll. A. L.; 1♂, **CHINA:** Hainan, Baisha, Yinggeling, Hongxincun, 429 m, 16–17.XI.2008, coll. Li Jing (slide no. 1204); 3♂, Hainan, Bawangling, Donger Linchang, 1015 m, 8–10.V.2007, coll. Chen Fuqiang; 2♂, same locality, 19–21.XII.2007, coll. Li Jing (slide no. 1215); 4♂, Hainan, Wuzhishan, Shuiman, 730–900 m, 8–11.V.2007, coll. Han Hongxiang, Lang Sonyun (slides no. 1240, 1256); 1♂, Hainan, Yinggeling, 950–1100 m, 27.VIII–12.IX.2005, coll. Liu Chunxiang. The holotype and 11 paratypes are deposited in the collection of IZCAS, Beijing, one male paratype in coll. IZBE in Estonian University of Life Sciences, Tartu, other paratypes in the collections of EMNH, and in the private collection of A. Lindt, Tallinn. Additional material (*P. clarifimbria* Prout). **Thailand** (Phuket, Ao Luk, EMNH, slide 6755 in IZBE); **Malaysia:** Cameron Highlands, slide 7835 in IZBE), Borneo (Sabah: Tambunam, slide 6957 in IZBE).

Diagnosis. The new species is similar to *Pelagodes clarifimbria*, in colour of wings above and underside. *P. clarifimbria* and the new species share the brown colour of the frons and palpi, the white fillet between the antennae, the