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Two new records of Corixidae (Hemiptera: Heteroptera) from the Oriental Region: *Cymatia apparens* from Myanmar and *Sigara josifovi* from Laos

Dva nové nálezy klešťanek (Hemiptera: Heteroptera: Corixidae) z Orientální oblasti: *Cymatia apparens* z Barmy a *Sigara josifovi* z Laosu

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Abstract. Two new records of the family Corixidae (Hemiptera: Heteroptera) from the Oriental Region are presented: *Cymatia apparens* (Distant, 1911) (Cymatiainae) from Myanmar, and *Sigara josifovi* Chen et Nieser, 2008 (Corixinae) from Laos. Photographs of both species are provided for the first time, and additional information on the habitat of *S. josifovi*.

The family Corixidae s. str. (sensu Nieser 2002), with about 450 species worldwide (Chen et al. 2005), is well represented in temperate and subtropical regions of the Northern and Southern Hemispheres, as well as the Andean area of South America, but is only poorly represented in the tropical regions of the Afrotropical, Oriental and Australian Regions, being replaced by the remarkably speciose Micronectidae (see Chen et al. 2005, Chen & Nieser 2008). Despite several valuable contributions (e.g., Distant 1911, Paiva 1918, Hutchinson 1940, Jaczewski 1962, Nieser 2002, Chen & Nieser 2008) the distribution of water boatmen in the continental Oriental Region remains poorly known. In this note, two new faunistic records are provided for Oriental Corixidae.

Cymatia apparens (Distant, 1911)

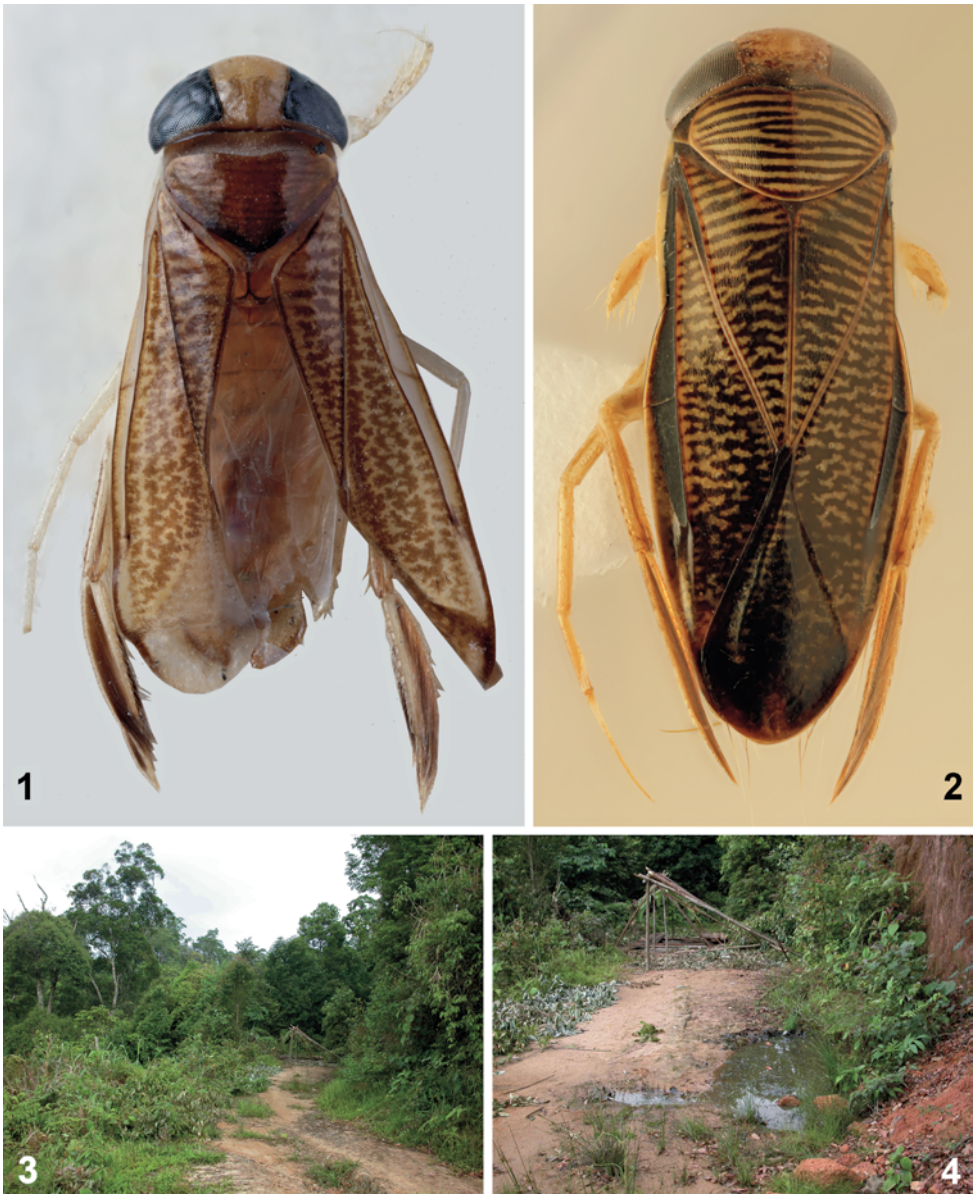
(Fig. 1)

Material examined. MYANMAR (former BURMA): Pegu, Rangoon (= Bago Region: Bago, 80 km NE of Yangon), 23.vi.1972, 1 ♀ (Fig. 1), J. Dostál lgt. (coll. Moravian Museum, Brno, Czech Republic).
Identification. The species is characterized by its small size (4.7−5.8 mm), pronotum with faint transverse yellowish stripes and without a raised median keel anteriorly, metasternal xyphus rounded, characteristic pattern of hemelytral colouration (see Fig. 1), and shape of the right paramere in males (see Kanyukova 2006).
Distribution. Species distributed in Russian Far East, North and Central China, Korea, Japan (Kanyukova 2006, 2008), and India (Calcutta) (Distant 1911). New record for Myanmar.

Sigara josifovi Chen et Nieser, 2008

(Fig. 2)

Material examined. LAOS: Houa Phan Province, Phou Pane Mt., 20°12′01−30″N 104°00′34−55″E, 1750−1850 m a.s.l., small pool, 8.v.2008, 3 ♂♂ 8 ♀♀ (Fig. 2), V. Kubáň lgt. (coll. National Museum, Praha, Czech Republic). Louang Namtha Province: Namtha →



Figs 1–4. 1 – *Cymatia apparens* (Distant, 1911), female (body length 4.8 mm); 2 – *Sigara josifovi* Chen et Nieser, 2008, female (body length 5.8 mm); 3–4 – habitat of *S. josifovi* on Mt. Phou Pane (4 – detail of the pool).
Obr. 1–4. 1 – *Cymatia apparens* (Distant, 1911), samice (délka těla 4,8 mm); 2 – *Sigara josifovi* Chen et Nieser, 2008, samice (délka těla 5,8 mm); 3–4 – habitat *S. josifovi* na hoře Mt. Phou Pane (4 – detail louže).

Muang Sing, 21°05′N 101°19′E, 900−1200 m a.s.l., 5.–31.v.1997, 1 ♂, V. Kubáň lgt. (coll. Moravian Museum, Brno).

Identification. The species is characterized by the pronotal disk laterally reduced (character of the subgenus *Pseudovermicorixa* Jaczewski, 1962) with 8−11, transverse, often anastomozing lines, male vertex anteriorly pointed in dorsal view, and especially by the specific structure of male pala, abdominal tergites VI−VII, and parameres (see Chen & Nieser 2008).

Distribution. This species was recently described from Chiang Mai Province in Thailand. The type series of the species was collected in the following habitats: permanent, heavily shaded pond in deciduous forest; shallow, virtually stagnant pools on narrow muddy stream in mixed pine forest; and stagnant stream pond with trees and low grasses (Chen & Nieser 2008). The specimens from Houa Phan Province (Laos) were collected in a sunlit pool on a path in a primary mountain forest below the peak of Mt. Phou Pane (Figs 3–4) (V. Kubáň, pers. comm.). The specimen from Louang Namtha Province (Laos) was collected at light in an area with mosaic of primary mountain forest and cultivated fields. The known Thai records also come from higher altitudes. According to available information, the species seems to be limited to higher altitudes in mountainous areas in the tropical subregion of the Great Mekong (P.-P. Chen, pers. comm.). New record for Laos.

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SOUHRN

Tato práce přináší dva nové nálezy klešťanek (Hemiptera: Heteroptera: Corixidae) z Orientální oblasti: *Cymatia apparens* (Distant, 1911) (Cymatiainae) z Barmy a *Sigara josifovi* Chen et Nieser, 2008 (Corixinae) z Laosu.