Ruo-Peng ZHANG\textsuperscript{a,b} and Xiang-Yun ZHU\textsuperscript{a,c,*}: A New Record of \textit{Indigofera cordifolia} (\textit{Leguminosae}) from Myanmar

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\textbf{Summary:} \textit{Indigofera cordifolia} B. Heyne ex Roth (\textit{Leguminosae}) was collected from Mandalay Region in Myanmar in 2018, which is a new record to the flora of Myanmar. Its morphological features, flowering time, ecological notes and illustrations are provided in this paper. This plant grows in sandy soil and is characterized by 1-foliolate leaf with slightly cordate base.

Myanmar is a country lying in the Northern Tropic in Southeast Asia. With its wealth of plant diversity, Myanmar is one of the most botanically fascinating countries in the world (Tanaka 2005). However, researches on the biodiversity of Myanmar still has been poor.

During our expedition to Myanmar for an inventory of legume species diversity in June and July 2018, we found one population of a papilionaceous legume species in Kyaukpadaung Town, Mandalay Region and collected three sheets of the specimens. Based on previous researches (Wight and Arnott 1834, Baker 1876, Boissier 1888, Duthie 1903, Gamble 1918, de Kort and Thijsse 1984, Xu and Qiu 1986, Gao 2007, Mattapha 2012, Al-Hawshabi et al. 2015), we identified these specimens as \textit{Indigofera cordifolia} B. Heyne ex Roth. This species has not been listed in “A Checklist of the Trees, Shrubs, Herbs, and Climbers of Myanmar” (Kress et al. 2003) nor recognized from Myanmar in “Legumes of South Asia” (Kumar and Sane 2003). Therefore, this is a new record to Myanmar. We provide a description of the species based on specimens collected from Myanmar.


Specimens examined: MYANMAR. Mandalay Region, Kyaupkadaung Town, Ziphyukone Village, 20°45′54″N, 95°19′12″E, alt. 278 m, 30 June 2018, X. Y. Zhu & R. P. Zhang M10370 (PE).

A copiously branched diffuse annual, densely clothed with long white biramous hairs slightly spreading with sometimes very unequal branches. Stems prostrate, ca. 10 cm long. Leaves simple, alternate, chartaceous, sub sessile, broadly ovate to ovate, both sides green, 0.6–1.3 cm long, 0.4–1 cm wide; apex obtuse and mucronate; base slightly cordate to subtruncate, sometimes oblique; midvein abaxially salient; secondary veins not visible. Stipules lanceolate, ca. 1 mm long. Racemes caputuliform; flowers nearly sessile; Calyx ca. 3 mm long, with a short
tube and long setaceous very hairy teeth; corolla red, not exerted; standard obovate, slightly deflexed, ca. 2.5 mm long, ca. 1 mm wide, outside hairy at apex, wings ca. 2.5 mm long, subspathulate, glabrous; keel petals ca. 2.5 mm long, ca. 0.8 mm wide, glabrous, lateral spur ca. 0.2 mm long. Fruit not seen.

Flowering time: June–July.

Ecological notes: On sandy ground.

Distribution: Afghanistan, Pakistan, India, Myanmar, Indonesia, China; NE Africa, N Australia.

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References


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ミャンマー新産の *Indigofera cordifolia* (マメ科)

ミャンマーの Mandalay Region から マメ科の *Indigofera cordifolia* B. Heyne ex Roth を初めて報告した。本種の葉は基部がわずかに心形となる 1 小葉から成ることが特徴で、砂地に生える。ここではミャンマー産個体にもとって本種の形態を図示し、花期や生態的ノートを付記した。

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