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阿萨姆石丁香一新异名

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摘要 在修订茜草科绣球茜属(*Dunnia* Tutch.)过程中，笔者注意到Ridsdale在发表阿萨姆绣球茜(*Dunnia assamica* (Hook. f.) Ridsd.)新组合时，因忽视了花萼裂片和苞片的区别而将阿萨姆石丁香(*Hymenopogon assamicus* Hook. f.)错误地转隶绣球茜属，现予以更正，并将其作为新改名的阿萨姆石丁香(*Neohymenopogon assamicus* (Hook. f.) Bennet)的新异名。

关键词 茜草科；阿萨姆绣球茜；阿萨姆石丁香；异名

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THE IDENTITY OF *DUNNIA ASSAMICA* (HOOK. f.) RIDSD. (RUBIACEAE)

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Abstract *Dunnia assamica* (Hook. f.) Ridsd. is reduced to a synonymy of *Neohymenopogon assamicus* (Hooker f.) Bennet.

Key words Rubiaceae; *Dunnia assamica; Neohymenopogon assamicus;* Synonym

Dunnia, a monotypic genus, was established by Tutcher[1] in 1905. It is characterized by having persistent calyx-lobes and one of which in few flowers enlarging into petaloid.

In 1978, Ridsdale[2] transferred *Hymenopogon assamicus* Hook. f. to *Dunnia*, and made the new combination *Dunnia assamica* (Hook. f.) Ridsd. He indicated that '*Dunnia* differs from *Hymenopogon* in the shape of corolla, the form and mode of dehiscence of the fruit, and in the shape of the seeds'. By examining other material of *Hymenopogon*, Ridsdale considered that the shape of the corolla and the form of the immature seeds of *Hymenopogon assamicus* deviated considerably from the type species of *Hymenopogon* and agreed with that of *Dunnia*.

During the revision of genus *Dunnia*, the present author examined the type of *Hymenopogon assamicus* Hook. f. The most distinct difference between these two genera is: the calyx-lobes of few flowers (4－6 per inflorescence) in *Dunnia* are unequal, one of which

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enlarges into 'petaloid', up to 5×2 cm, while the calyx-lobes in *Hymenopogon* are subequal, none greatly enlarges to 'petaloid'[3]. But there are only some leafy reticulated bracts[4] (3－5 per inflorescence), up to 6×2 cm. In the inflorescence of *Hymenopogon assamicus* there are some conspicuous bracts, but no any petaloid calyx-lobes.

The form of immature seeds in *Hymenopogon assamicus* could not represent the shape of seeds in mature condition. Although the corolla between the *Hymenopogon assamicus* and the *Dunnia sinensis* Tutch. is similar in appearance, Ridsdale ignored the difference between bract and enlarged calyx-lobe. So, he erroneously described the calyx-lobe in *Dunnia sinensis* Tutch. as bract.

The name *Hymenopogon* Wall. is a later homonym of *Hymenopogon* P. Beauv. (1804), therefore, it was substituted by a new name *Neohymenopogon* Bennet[5]. Accordingly, I hereby reduce Ridsdale's combination into a synonym.

Neohymenopogon assamicus (Hooker f.) Bennet, Indian Forester, **107**(7): 436. (1981). Type: Masters s. n., s. 1. (Holotype K!).

Hymenopogon assamicus Hooker f., Fl. Brit. Ind. **3**: 34. 1880; Kanjilal & Das, Fl. Assam **3:** 25. 1939.

Dunnia assamica (Hook. f.) Ridsd. in Blumea **24:** 368. 1978. syn. nov.

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References

1 Tutcher W J. Description of some new species, and notes on other Chinese plants. J Linn Soc Bot, 1905, 37:69－70

2 Ridsdale C E. The taxonomic position of *Dunnia* (Rubiaceae). Blumea, 1978, 24:367－368

3 Hooker J D. *Hymenopogon* Wall. In: Flora of British India, 1880, Vol. 3: 34

4 How F C. Rubiaceous Plants in the Chinese Flora (II). Sunyatsenia, 1948, 7:23－62

5 Raizada M B, Bennet S S R. Nomenclatural Changes in Some Flowering Plants. Indian Forester, 1981, 107(7): 432－436