



## A New Combination in *Phanera* (Cercideae: Caesalpinioideae: Leguminosae)

M. V. KRISHNARAJ<sup>1</sup>\*

<sup>1</sup>Department of Botany, Baseliuss College, Kottayam-686001, Kerala, India

\*Email: [krishnarajtbagri@gmail.com](mailto:krishnarajtbagri@gmail.com)

### Abstract

*Bauhinia hekouensis* is transferred to *Phanera*.

**Key Words:** *Combinatio nova*; *Fabaceae*; *China*

In four recent publications (Wunderlin 2011, Bandyopadhyay *et al.* 2012, Bandyopadhyay 2013, Mackinder & Clark 2014), altogether seventy-two new combinations have been made in *Phanera* Loureiro (1790: 37–38) from the Old World because the subgenus *Phanera* Loureiro (1790: 37–38) (see Wunderlin *et al.* 1987, Bandyopadhyay 1999) under *Bauhinia* Linnaeus (1753: 374) is recognized as a genus distinct from the latter based on recent advances in molecular phylogeny (Lewis & Forest 2005, Bruneau *et al.* 2008, Sinou *et al.* 2009). I have proposed here one more new combination in *Phanera* as follows.

### *Phanera hekouensis* (T.Y. Tu & D.X. Zhang) Krishnaraj *comb. nov.* (Fig. 1.)

*Bauhinia hekouensis* T.Y. Tu & D. X. Zhang, *Novon* 22(3): 332. 2013.

Type:—CHINA. Yunnan: Hekou county, Nanxi Town, Baishahe, 169 m, near stream, 11 October 2008, T. Tu & S. Peng 511 (holotype IBSC, image!; isotypes IBSC!, KUN)

**Distribution:**—Endemic to Yunnan province of South Western China.

**Note:**—In the protologue of *Bauhinia hekouensis*, the name of the collector is attributed to T. Tu only however also bears the name S. Peng in the holotype.

### Acknowledgements

I am thankful to Dr. T. Y. Tu, South China Botanical Garden, China for sending me the holotype image of *Bauhinia hekouensis* and Dr. Subir Bandyopadhyay, Central National Herbarium (CAL), Kolkatta for protologue and necessary corrections to the manuscript.

## References

- Bandyopadhyay, S. (1999) Nomenclatural replacements in *Bauhinia* (Leguminosae: Caesalpinioideae). *Kew Bulletin* 54: 974.  
<http://dx.doi.org/10.2307/4111176>
- Bandyopadhyay, S. (2013) Two new varietal combinations in *Phanera* (Leguminosae: Caesalpinioideae). *Edinburgh Journal of Botany* 70: 363–365.  
<http://dx.doi.org/10.1017/S096042861300005X>
- Bandyopadhyay, S., Ghoshal, P.P. & Pathak, M.K. (2012) Fifty new combinations in *Phanera* Lour. (Leguminosae: Caesalpinioideae) from Paleotropical region. *Bangladesh Journal of Plant Taxonomy* 19: 55–61.  
<http://dx.doi.org/10.3329/bjpt.v19i1.10942>
- Bruneau, A., Mercure, M., Lewis, G.P. & Herendeen, P.S. (2008) Phylogenetic patterns and diversification in the Caesalpinoid legumes. *Botany* 86: 697–718.  
<http://dx.doi.org/10.1139/B08-058>
- Lewis, G.P. & Forest, F. (2005) Tribe Cercideae. In: Lewis, G., Schrire, B., Mackinder, B. & Lock, M. (Eds.) *Legumes of the World*. Royal Botanic Gardens, Kew, pp. 57–67.
- Linnaeus, C. (1753) *Species Plantarum I*. Holmiae: Impensis Laurentii Salvii, 560 pp.
- Loureiro, J. de (1790) *Flora Cochinchinensis I*. Ulyssipone: Typis, et expensis academicis, 394 pp.
- Mackinder, B.A. & Clark, R. (2014) A synopsis of the Asian and Australasian genus *Phanera* Lour. (Cercideae: Caesalpinioideae: Leguminosae) including 19 new combinations. *Phytotaxa* 166: 49–68.  
<http://dx.doi.org/10.11646/phytotaxa.166.1.3>
- Sinou, C., Forest, F., Lewis, G.P. & Bruneau, A. (2009) The genus *Bauhinia* s.l. (Leguminosae): a phylogeny based on the plastid trnL-trnF region. *Botany* 87: 947–960.  
<http://dx.doi.org/10.1139/B09-065>
- Wunderlin, R.P. (2011) New combination in *Phanera* (Fabaceae). *Phytoneuron* 19: 1–2.
- Wunderlin, R., Larsen, K. & Larsen, S.S. (1987) Reorganization of the Cercideae (Fabaceae: Caesalpinioideae). *Biologiske Skrifter, Det Kongelige Danske Videnskabernes Selskab* 28: 1–40.