

# Typification of *Bauhinia lakhonensis*, the basionym of *Cheniella lakhonensis* (Leguminosae: Cercidoideae)

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**Abstract:** A lectotype is designated here for *Bauhinia lakhonensis* Gagnep., the basionym of *Cheniella lakhonensis* (Gagnep.) R.Clark & Mackinder.

**Keywords:** Lectotype, Nomenclature, Paris herbarium.

## Introduction

Gagnepain (1912) in the protologue of *Bauhinia lakhonensis* Gagnep. cited collections of Thorel and Spire as follows: 'Laos: La-khon, Vien-chang, Bang-muc, n° 3068 [*Thorel*]; Phon-thane, n° 181 [*Spire*]'. From Stafleu and Cowan (1976) we came to know that the herbarium and types of François Gagnepain are at P. There is a sheet with fruiting material of *Thorel* 3068 at P (P00798533 digital image!) with an 'ISOTYPE' label affixed to it. According to Art. 9.6 (Turland *et al.*, 2018), this specimen cited in the protologue is actually one of the syntypes. There is another flowering collection of *Thorel s.n.* at P (P00798532 digital image!) with a 'TYPE' label affixed to it. In the absence of Thorel's collection number *i.e.* 3068 in P00798532, it cannot be considered as one of the syntypes. Apart from the said collections of Thorel, there is no other collection of Thorel or Spire at P.

Larsen and Larsen (1980) cited the type of *B. lakhonensis* as 'TYPE: *Thorel s.n.*, Thaïlande, P'. This name, however, still needs to be lectotypified even if we accept *Thorel s.n.* (which is presently barcoded: P00798532) as uncited original material and consider the choice of Larsen and

Larsen (1980) as an inadvertent lectotypification (Prado *et al.*, 2015), because according to Art. 9.12 (Turland *et al.*, 2018) syntypes should get priority over uncited specimens. Clark and Mackinder in Clark *et al.* (2017) were aware of the type citation by Larsen and Larsen (1980) but they did not discuss this issue. We have lectotypified the name as follows:

## Typification

***Cheniella lakhonensis*** (Gagnep.) R.Clark & Mackinder, Eur. J. Taxon. 360: 20. 2017. *Bauhinia lakhonensis* Gagnep., Notul. Syst. (Paris) 2: 173. 1912. *Lectotype* (designated here): LAOS?, LaKhon, Expédition du ME-KONG, 1866–1868, *Thorel* 3068 (P [P00798533 digital image!]).

*Notes:* We have cited *C. lakhonensis* as the accepted name but Sinou *et al.* (2020) felt that *Cheniella* R.Clark & Mackinder may, with better sampling of species in the Asian *Phanera* clade and with more molecular data, have to be synonymised under *Phanera* Lour.

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