A New *Caulokaempferia* (Zingiberaceae) from Northeast Thailand

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A new species *Caulokaempferia buengkanensis* Pichean., Phokham & Wongsuwan (Zingiberaceae) is reported from Changwat Bueng Kan in northeast Thailand. A full description, together with ink line drawing with water color and photographic illustration are given. A key to all taxa of *Caulokaempferia* in Thailand is also provided.

**Key words:** *Caulokaempferia, Caulokaempferia buengkanensis, northeast Thailand, Zingiberaceae.*

The genus *Caulokaempferia* K. Larsen (Zingiberaceae) was established by Larsen (1964). Although, Mood et al. (2014) rejected the name *Caulokaempferia* claiming that it is a superfluous name for ‘*Monolophus* Wall.’, believing that the validation of the generic name ‘*Monolophus*’ was done by Wallich (1832) in his Numerical List. Thus, the nomenclatural controversy between *Caulokaempferia* and *Monolophus* has intensively been investigated to retrieve historical background for validating the name of this genus (Picheansoonthon 2016, Veldkamp 2016). However, the generic name *Caulokaempferia* is maintained (Picheansoonthon 2016, Thongam and Konsam 2017, Douangdeuane et al. 2019) based on a proposal to conserve *Caulokaempferia* by Intharapichai et al. (2014) while it has not yet been considered by the appropriate committee (Veldkamp 2016).

The genus *Caulokaempferia* comprises about 30 species, distributed from the Himalayas through south China, Myanmar, Vietnam, Laos, to Thailand, with its center of diversity in Thailand (Chaiyoot 2007). So far, however, none has been reported from Cambodia. Nineteen taxa, including this new species, were accounted for Thailand (Phokham 2015). In this paper, a new species from Changwat Bueng Kan in northeast Thailand, *C. buengkanensis* Pichean., Phokham & Wongsuwan, is described with full description and illustrations. Relationship with its closely related taxa, *C. phulangkaensis* Pichean., Phokham & Wongsuwan, and *C. phuwoaensis* Pichean. &
16. Pseudostem 5–6-leaved; seeds tailed ......
     .... C. pedemontana Tribou & K. Larsen
16. Pseudostem 7–9-leaved; seeds not tailed ....
     ........ C. limiana Mokkamul & Picheans.
17. Staminodes rhombic ... C. sirirugsae Ngamr.
17. Staminodes obovate .................................. 18
18. Bract acuminate at apex, (1–)3–5-flowered ..............
     ......... C. satunensis Picheans.
18. Bract caudate at apex, 1-flowered (and one of two flowers abortive) ........
     .................. C. saksuwaniae K. Larsen

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References