

Sarayut RAKARCHA^a, Charun MAKNOI^a, Piyaporn SAENSOUK^b and Surapon SAENSOUK^{c,*}: *Cornukaempferia larsenii* (Zingiberaceae)—A New Record for Lao PDR

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Summary: *Cornukaempferia larsenii* P. Saensouk (Zingiberaceae) was previously known as endemic to Thailand. A specimen from Xayaburi Province is reported from Lao PDR. Color photographs of the species are provided.

The genus *Cornukaempferia* Mood & K. Larsen is belonging to family Zingiberaceae, order Zingiberales. It was established by Mood and Larsen (1997) based on *C. aurantiflora* Mood & K. Larsen from Phetchabun Province in northeastern Thailand. This type species for *Cornukaempferia* is undoubtedly a rare species and is endemic to northern and northeastern Thailand. Mood and Larsen (1999) described the second species, *C. longipetiolata* Mood & K. Larsen, based on the specimen from Phetchabun Province, Thailand. Later, Saensouk et al. (2007) published *C. larsenii* P. Saensouk from Loei Province, Thailand. Recently, Yupparach et al. (2019) published two new species, *C. chayanii* Yupparach & Wongsuwan and *C. kamolwaniae* Picheans., Yupparach & Wongsuwan from northern Thailand. Therefore, this genus comprises five species namely, *C. aurantiflora*, *C. chayanii*, *C. kamolwaniae*, *C. larsenii* and *C. longipetiolata*.

During field exploration in Xayaburi Province, northern Lao PDR in May–June 2019, *Cornukaempferia* plant was discovered and collected in Phu Pha Daeng, Botane

District and deposited in Queen Sirikit Botanic Garden Herbarium (QBG). Later, consulting relevant literature (Saensouk et al. 2007, Yupparach et al. 2019), it was identified as *C. larsenii*. *Cornukaempferia larsenii* is easily distinguishable by having green lower leaf surface, upper leaf surface without or with very few silvery markings, inflorescences with 3–5 flowers with bracteoles and glabrous corolla tube. For Lao PDR, Newman et al. (2007a, b) published a preliminary checklist of 15 genera of Zingiberaceae such as *Alpinia* L., *Amomum* Roxb., *Caulokaempferia* K. Larsen, *Laosanthus* K. Larsen & Jenjitt and *Zingiber* Mill. Later, Lee (2016) published “A Checklist of Plants in Lao PDR” including 14 genera of Zingiberaceae. However, *Cornukaempferia* has never been reported before from Lao PDR. Therefore, *C. larsenii* is not only a new specific record, but a new generic record for the Flora of Lao PDR. This article provides distribution and color photographs based on the Lao PDR material for their easier identification.

Cornukaempferia Mood & K. Larsen in Nat. Hist. Bull. Siam Soc. 45: 217 (1997).

The name of *Cornukaempferia* is a combination of the Latin word for horn. Cornu refer to “horn-shaped” of the anther crest, that shows a striking resemblance with the anther

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ラオス新産の *Cornukaempferia larsenii* (ショウガ科)

ショウガ科の *Cornukaempferia larsenii* P. Saensouk はタイの固有種として知られていたが、ラオスの Xayaburi Province から新たに発見された。これはこの属としてもラオスで初めての報告となる。なお、*Cornukaempferia* は5種からなり、近縁な *Kaempferia* からは、葯隙 anther crest が角形で (*Kaempferia* では平らでしばしば2歯がある)、*C. larsenii* を除いて小苞を

欠く (*Kaempferia* には2裂する小苞がある) 点で異なる。
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