

Hem Raj PAUDEL^a, Bijuli Prasad TIMSINA^b, Ripu Mardan KUNWAR^c, Gauri Shankar BHANDARI^d and Prakash POUDEL^{e,*}: *Fritillaria crassicaulis* (*Liliaceae*)—A New Record for the Flora of Nepal

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Summary: *Fritillaria crassicaulis* S.C.Chen (*Liliaceae*) is reported as a new record for the flora of Nepal.

Fritillaria L. (*Liliaceae*) is a genus of perennial bulbiferous herbs consisting of ca. 165 species distributed throughout the temperate regions of the Northern Hemisphere, mainly in Central Asia and the Mediterranean region (Chen and Mordak 2000, Rix 2001, Teksen and Aytac 2011). In Nepal, there has only been one species of *Fritillaria* reported, *F. cirrhosa* D.Don (Hara et al. 1978, Press et al. 2000, Singh 2001). During a botanical expedition to Doti District, Western Nepal in 2016, we found an unfamiliar *Fritillaria* in an *Abies* and *Quercus* forest. After checking relevant specimens in the National Herbarium and Plant Laboratories, Nepal (KATH), we found another specimen of the same species from the same district (Shakya et al. no. 6303; Fig. 1). We identified them as *F. crassicaulis* S.C.Chen. *Fritillaria crassicaulis* is similar to *F. cirrhosa* but differs in having stems usually white farinose distally and 10–18 oblong-lanceolate cauline leaves with acute tips, while *F. cirrhosa* has stems non-white farinose distally and 7–11 linear-lanceolate leaves with cirrhose apex. *Fritillaria crassicaulis* has been reported only from Sichuan and Yunnan in China (Chen and Mordak 2000). Therefore, *F. crassicaulis* reported here is a new record for the flora of Nepal.

Fritillaria crassicaulis S.C.Chen in Acta Phytotax. Sin. 15(2): 36 (1977).

Specimens examined: W NEPAL. Doti District, Beechpane, 2860 m (H.R.Paudel, G.P.Gautam & A.Neupane no. 1606, 15 July 2016, KATH); Doti District, Khaptad, 2950 m (P.R.Shakya, L.R.Sharma & K.R.Amatya 6303, 3 July 1981, KATH).

Distribution: W Nepal (Doti District), SW China (Sichuan, Yunnan).

Ecology: Under *Abies* and *Quercus* forests or alpine grasslands.

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Fig. 1 *Fritillaria crassicaulis* S.C.Chen (Shakya et al. 6303, KATH).

H.R.Paudel^a, B.P.Timsina^b, R.M.Kunwar^c,
G.S.Bhandari^d, P.Poudel^e: ネパール新産の *Fritillaria*
crassicaulis (ユリ科)

Fritillaria crassicaulis S.C.Chen (ユリ科バイモ属) をネパール西部から初めて報告した。本種は、よく似た *F. cirrhosa* D.Donからは、茎の先のほうに白粉があり、葉先が巻きひげ状にならないことで区別できる。*Fritillaria crassicaulis* はこれまで中国の四川省と雲南省にのみ知られていた。

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