

A NEW SPECIES OF *ACONOGONUM* (POLYGONACEAE) FROM EASTERN HIMALAYA

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AND

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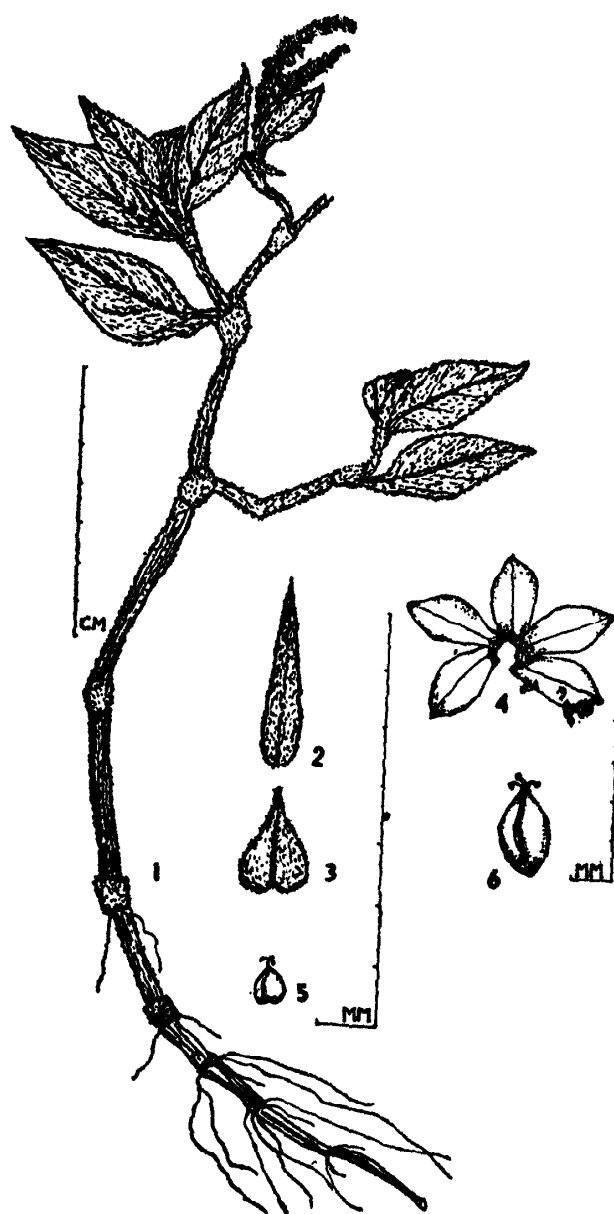
Aconogonum pangianum Pal et Maiti *sp. nov.*

A. complanato (Hook. f.) Hara affine, sed differt magnitudine herba ca 10-35 cm alta, foliis 2-5 × 0.8-2 cm, racemis spiciformibus, 2-5 cm longis, bracteis lanceolatis, acuminatis, floribus flavis, staminibus 5-6, 0.8 cm longis, nucibusque maturis reflexis.

Aconogonum pangianum Pal & Maiti *sp. nov.*
(Figs. 1-6)

It is related to *Aconogonum complanatum* (Hook. f.) Hara but can be differentiated by its size about 10-35 cm tall, leaves 2-5 × 0.8-2 cm, spiciform raceme 2-5 cm long, lanceolate-acuminate bracts, yellow flowers, stamens 5-6, 0.8 cm long and reflexed mature nuts.

Erect to semierect herbs, rooting at nodes towards base, 10-35 cm long, delicate; stem terete, 2-4 mm across; hairs concentrated below the nodes and dense above, but sparsely pubescent below, reddish green; stipules tubular, truncate, 4-8 × 4-6 mm, pubescent to the younger parts, membranous, pale green. Leaves elliptic-lanceolate to elliptic, 2-5 × 0.8-2 cm, acute, entire, base acute, thickly pubescent below, sparsely pubescent above, 3-6 pairs of secondary nerves; petioles 0.3-0.6 cm long, pubescent. Inflorescence a spiciform raceme, 2-5 cm long, terminal, rarely axillary, pubescent; bracts lanceolate-acuminate, 2-3 mm long, pubescent, mem-



Aconogonum pangianum Pal & Maiti *sp. nov.*

Figs. 1-6 : 1. Plant. 2. Inflorescence bract. 3. Floral bract. 4. Perianth. 5. Pistil. 6. Nut.

branous. Flowers sessile to subsessile, yellow; pedicels minute or absent, pubescent, bracts ovate-lanceolate, about 1.5 mm long, sparingly hairy. Perianth 5, 2 outer usually smaller, oblong, *ca* 2 × 1 mm, slightly enlarged at maturity of nut, entire, acute, glabrous. Stamens 5-6, 0.8 mm long; filaments flat, glabrous; anthers ovate, dorsifixed. Ovary trigonous, 0.5-0.6 × 0.2-0.3 mm, glabrous, brown; styles 3, 0.2-0.3 mm long, hyaline; stigma 3, capitate, deep brown, nuts turgidly trigonous with sharp acute angles, *ca* 2 × 1 mm, reflexed, glabrous, black.

Type : INDIA : Arunachal Pradesh, Subansiri district, Pange, 3000 m, 19.4.1980, *G. D. Pal* 77734 (CAL—HOLOTYPE); *G. D. Pal* 77734 (ASSAM—ISOTYPE); *G. D. Pal* 77734 (CAL—ISOTYPE); Arunachal

Pradesh, Subansiri district, Tale Valley, 3500 m, 18.4.1980, *G. D. Pal* 77707 (CAL); *G. D. Pal* 77707 (ASSAM).

This plant grows in moist loose sandy soil near water source and under shade.

The specific epithet is based on the type locality of the plant.

ACKNOWLEDGEMENTS

The authors wish to thank the Director, Botanical Survey of India for providing facilities. Thanks are also due to Shri A. K. Baishya, Systematic Botanist-in-Charge, Botanical Survey of India for his kind help. We are also grateful to Dr. N. C. Majumdar, Scientist C, Botanical Survey of India, Dehra Dun for his kind help in Latin description.