

The plant occurs occasionally along exposed dry grassy slopes at an altitude of about 1000 m.

*Specimens examined*: Henry 16408; Kuthiravetti, Tirunelveli Dt., Madras State; 31st, May 1963 (MH).

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### *ANDROGRAPHIS NALLAMALAYANA* ELLIS—A NEW SPECIES FROM ANDHRA PRADESH, SOUTH INDIA

*Andrographis nallamalayana* Ellis, spec. nov.

Accedit ad *A. beddomei* Clarke, sed differt statura decumbente herbacea; inflorescentia et axillari et terminali, calycis segmentis longioribus, tota planta fusce viridi vel nigra siccata.

Holotypus Ellis 25546 A lectus die 29 augusti anni 1965 in dist. Kurnool prope Ahobilam in regione Andhrice et positus in CAL; isotypi Ellis 25546 B-P and paratypi Ellis 16709 A-E and Ellis 23715 A-J positi in herbario regionis australis Bot. Surv. Ind. ad Coimbatore (MH).

*Andrographis nallamalayana* Ellis, spec. nov.

Allied to *Andrographis beddomei* Clarke, but differs in being a low decumbent herb, having both axillary and terminal inflorescences, calyx lobes longer, and plants drying dark green or black.

Herbs procumbent, glabrous, puberulous in young condition, drying black,  $\pm 50$  cm long; stems radiating from the woody root stock, inconspicuously quadrangular. Leaves opposite, obovate to elliptic-ovate or ovate depending on seasons, entire,



*Andrographis nallamalayana* Ellis

Figs. 1-7: 1. Habit sketch. 2. Flower. 3. Corolla split open to show the position and nature of filaments. 4. Anther—with a portion of filament. 5. L, S, of flower with corolla removed. 6. Fruit. 7. An opened fruit, S—seed.

attenuate at base, inconspicuously imbedded with minute cystoliths, extipulate, 3-6 nerved,  $\pm 7.5 \times 3.0$  cm. Bracteoles linear-elliptic, puberulous, glandular, small. Pedicels puberulous, glandular,  $\pm 1.5$  cm long. Calyx 5-lobed to the base; lobes linear, puberulous within, puberulous and glandular without, upto 1.7 cm long. Petals bilabiate, white with maroon streaks on the upper lip, glabrous within, but sparsely hirsute near the attachment of filaments, pubescent and glandular without and more so on the lower lip,  $\pm 0.7$  cm long; tube  $\pm 0.5$  cm long. Stamens 2, epipetalous; filaments triquetrously winged, the wing towards the innerside ending near the attachment with an inwardly curved extension; anthers exserted, 2-celled with the lower one thickly bearded below, the other shortly pointed. Ovary superior, bicarpellary, syncarpous with 4-6 ovules in each cell, minutely puberulous, constricted below to a solid base; styles sparingly hairy with inconspicuously bifid stigmata. Fruits capsular, oblong or elliptic, sharply pointed, sparsely glandular when young,  $\pm 1.5 \times 0.4$  cm; seeds 4-6, rugose, brown, situated on

retinaculae; retinaculae falcate, spoon-shaped near the top.

Holotype *Ellis 25546 A*, collected on 29-8-1965 from Ahobilam, Nallamalais, Kurnool Dt., Andhra Pradesh, is deposited in the Central National Herbarium, Sibpore, Calcutta (CAL), and Isotypes *Ellis 25546 B-P* and Paratypes *Ellis 16709 A-E* (Chelama, Nallamalais, 4-7-1963) and *Ellis 23715 A-J* (Chelama, Nallamalais, 18-3-1965) are housed in the Herbarium of the Southern Circle, Botanical Survey of India, Coimbatore (MH).

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