

A NEW SPECIES OF *POLYGONUM* FROM ASSAM

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ABSTRACT

A new species of *Polygonum* named *Polygonum glandulosum* Subba Rao, collected from the sandy bank of Sarbhanga river, Goalpara, Assam by Shri R. S. Rao (*Rolla Seshagiri Rao* 7162 A) has been described with the illustrations.

Polygonum glandulosum Subba Rao, spec. nov.

Affine *P. hydropiperi* Linn. var. *glandulosissimum* Gage, a quo hamen differt praecipue ochreis et bracteis ciliatis, ochreis inferioribus strigosis.

Herba annua, 25–30 cm. alta. *Caulis* adscendens, glandulosus. *Folia* simplicia, alterna, oblongo-lanceolata, obtusa, 4–8 × 15–55 mm. sat crassa, glandulosa, subsessilia vel petiolis brevibus insidentia; ochrea membranacea, usque ad 1 cm. longa, strigosa praesertim in foliis inferioribus, ciliata ciliis 2–3 mm. longis, glandulosa. *Inflorescentia* terminalis, flexuosa vel decurvata, laxa, racemosa, gracilis; bractae ciliatae, glandulosae; flores exserti pedicellis gracilibus; insidentes, nonnulli ochrea tumescente inclusi; perianthium ex pallide viridi roseum, persistens, 2–3 mm. longum, glandulosum; achenia trigona, nitentia, pulchre granularia.

Typus lectus in ripis arenosis fluminis Sarbhanga ad Goalpara in Assamia a cl. R. S. Rao ad altit. 1200 m. die 24 aprilis anni 1957, et positus in herbario sectionis orientalis Bot. Surv. Ind. ad Shillong sub numero R. S. Rao 7162 A; isotypus R. S. Rao 7162 B positus in herbario nationali ad Calcuttam (CAL).

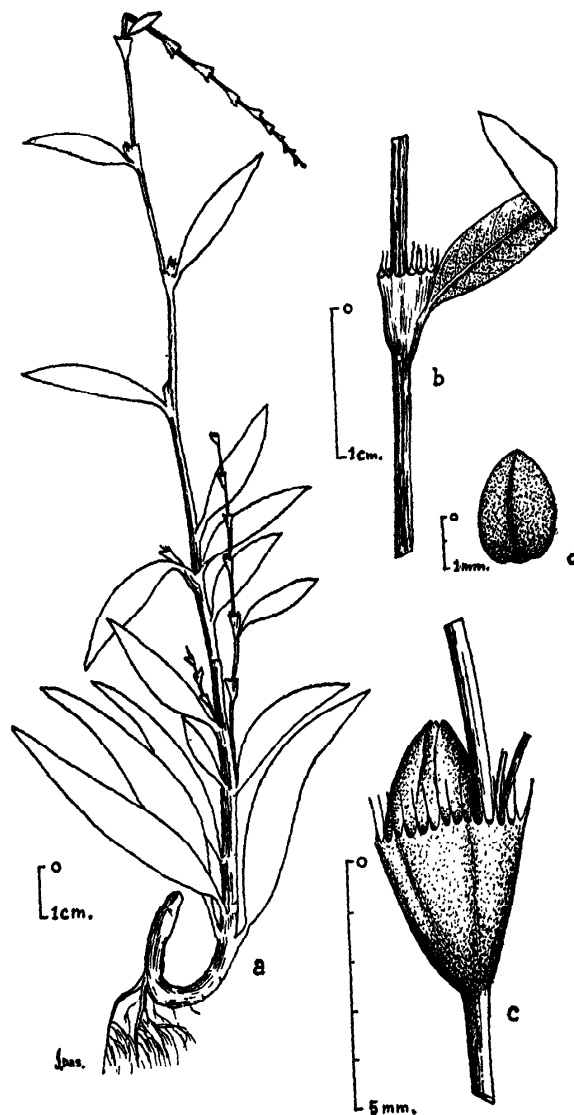
Polygonum glandulosum Subba Rao, spec. nov.

This species is allied to *Polygonum hydropiper* Linn. var. *glandulosissimum* Gage but differs from it chiefly in having ciliate ocreae and bracts and lower ocreae being strigose.

Annual herb, 25–30 cm. high. *Stem* ascending, glandular. *Leaf* simple, alternate, oblong-lanceolate, obtuse, 4–8 × 15–55 mm. rather thick, glandular, subsessile or with small petioles, ocrea membranous, upto 1 cm. long, strigose especially lower ocreae, ciliate, cilia 2–3 mm. long, glandular; *Inflorescence* terminal, flexuous or decurved, lax, racemose, slender; *bracts* ciliate, glandular; *flowers* exserted on slender pedicels, some of them included in the swollen ocreae, perianth light green to pink, persistent, 2–3 mm. long, glandular; achene trigonous, shining, surface finely granular.

The type was collected from the sandy banks of the river Sarbhanga, Goalpara, Assam at an altitude of about 1200 m., on 24-4-1957 by Shri R. S. Rao (*R. S. Rao* 7162 A). The type sheet is located in the herbarium of the Eastern Circle, Botanical Survey of India, Shillong and the isotype *R. S. Rao* 7162 B is located in the Central National Herbarium, Sibpore (CAL).

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Polygonum glandulosum Subba Rao

a. plant; b. leaf and ocrea; c. bract and flower; d. fruit.

	<i>P. hydropiper</i> Linn. var. <i>glandulosissimum</i> Gage.	<i>P. glandulosum</i> Subba Rao
Plant	glabrous, covered all over with minute glands.	glabrous, slender, ascending, covered all over with minute glands.
Leaves	glabrous, glandular.	rather thick, glabrous, glandular.
Ocreae	eciliate, glabrous.	ciliate, lower ones strigose.
Bracts	eciliate.	ciliate.