from Central Province, Ceylon in the Madras Herbarium (under Acc. no. 62022) and referred to by Thwaites (1861), King & Pantling (1898) and Henry Trimen (1898) has been studied by the authors. The flowers are 2 or more per raceme, and smaller (± 5.5 mm long) than in our variety. Lip ±4.0 × 1.5 mm, lanceolate, narrowed into a stalk, acute and reflexed at tip, margins wavy and without a callus at the base but trinerved along the median line (Figs. 6 & 6a).

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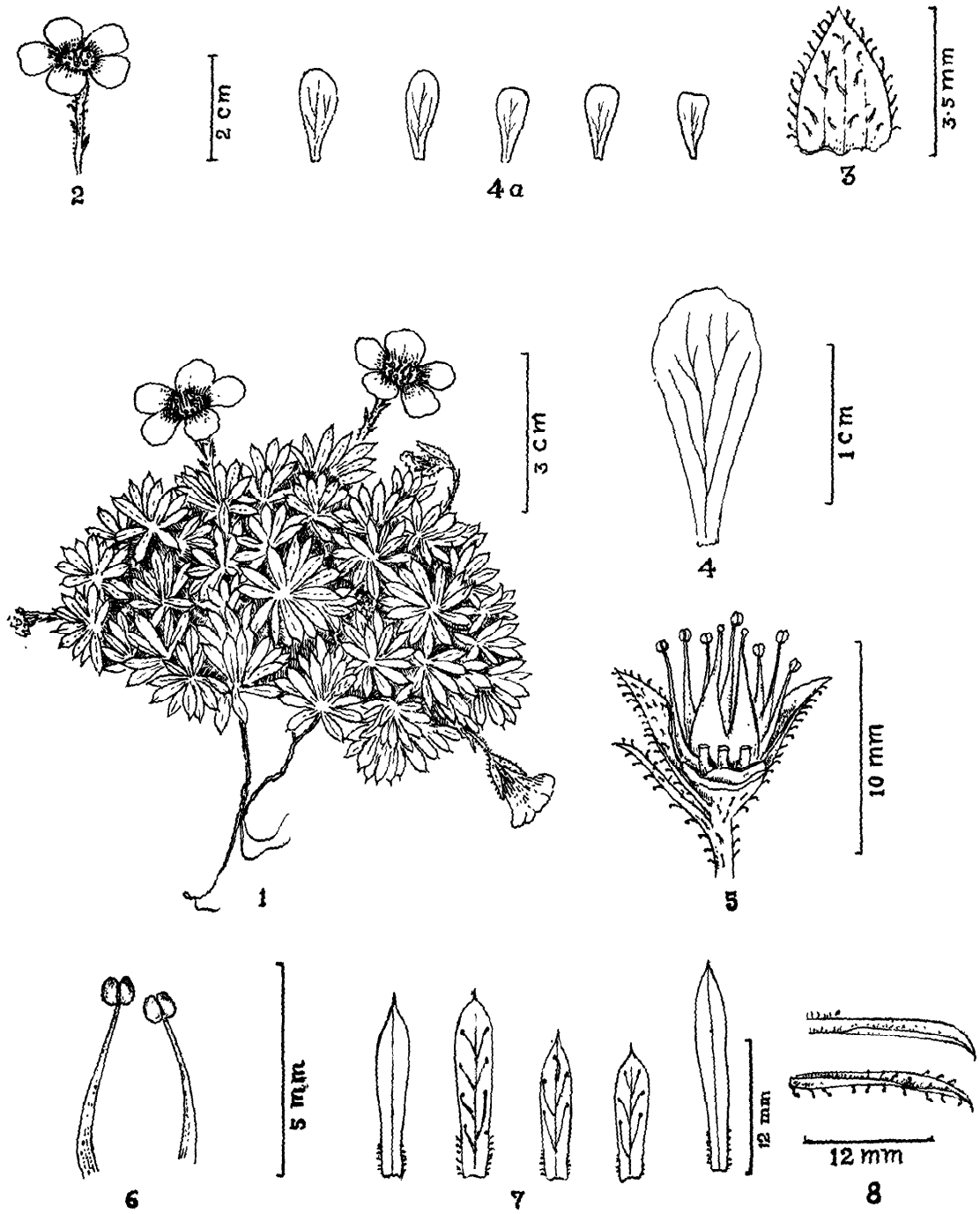
A NEW VARIETY OF *SAXIFRAGA POLUNINIANA* H. SMITH FROM WESTERN HIMALAYA

Saxifraga poluniniana H. Sm. var. **mucronata** Bhattacharyya et Viswanathan, var. nov. ad sectionem Kabschiam pertinens. *S. poluniniana* H. Sm. var. *poluniniana* similis sed foliis mucronatis, majoribus, calycibus erectis, acutis, floribus majoribus, et venarum numeris majoribus in petalis, differt.

Herba perennis pulvinos magnos (15-20 cm diametro) hemisphaericos formans; rami numerosi, filiformes, caespitosi, vetustiores atro-brunnei, rigidi, nudi cum ramentis foliorum basium. Folia caulina alternata, sessilia, patentia, vel parum recurvata, ad apicem rosulas imbricantes formantia, linearia ad oblonga, 5-7 foveolata, integra, anguste marginata, basi minute et parciter denticulato-ciliata, apice acuta, mucronata, nervi supra obscuri, infra prominentes, 6-12 mm longa, 1.5-2 mm lata. Caulis florifer 1.5-2 cm supra folium, glanduloso-pubescens, cum 2-3 foliis minoribus, erectis, glandulosis, angustis. Flores solitarii, pulchri, pallide rosei ad albi, numerosi super eodem pulvino. Calyx dense glanduloso-pubescens, ± 5.5 mm longus, 3 mm latus, lobis ovatis, acutis, erectis, 3-nervis, 2.5-3 mm longis, 1-1.5 mm latis. Petala oblonga, supra lata et rotundata, nervis purpureis, modice patentia, 12-16 mm longa, 5 mm lata. Stamina 5 mm longa, antheris rubris. Ovarium sub-inferum, stylis rubris, 5 mm longis, stigmate sub-capitato.

Saxifraga poluniniana H. Sm. var. **mucronata** Bhattacharyya and Viswanathan, var. nov. belongs to the section Kabschia. It is similar to *S. poluniniana* H. Sm. but differs in having larger, mucronate leaves, erect acute calyx and larger flowers with greater number of veins in petals.

Perennial herb forming large hemispheric cushions, 15-20 cm diameter, branches wiry, numerous, caespitose, older dark brown, rigid, naked with raments of leaf bases. Stem-leaves alternate, sessile, patent or slightly recurved forming imbricating rosettes at the apex, linear to oblong, 5-7-foveolate, entire, narrow margined, base minutely and sparesly denticulate-ciliate, apex acute, mucronate, nerves obscure above, prominent beneath, 6-12 mm long, 1.5-2 mm broad. Floriferous stem 1.5-2 cm above leaf, glandular hairy with 2-3 erect, glandular, narrow, smaller leaves. Flowers solitary, showy, pale pink to white, many on same cushion. Calyx



Saxifraga poluniniana H. Sm. var. *mucronata* Bhattacharyya and Viswanathan, var. nov.

Figs. 1-8: 1. Habit, showing a portion of the flowering cushion. 2. Flower. 3. Sepal with glandular hairs. 4. & 4a. Petals showing variation. 5. L. S. of flower after removal of corolla. 6. Stamen. 7. Leaves showing variation of size and shape with foveolii at the end of veins. 8. Lateral view of leaves on flowering branch.

densely glandular hairy, ± 5.5 mm long, 3 mm broad, lobes ovate, acute, erect, 3-nerved, 2.5-3 mm long, 1-1.5 mm broad. Petals oblong, broad and rounded above, 16 mm long, 5 mm broad. Stamens 5 mm long, anthers red. Ovary sub-inferior, style red, 5 mm long, stigma subcapitate.

Holotype: Kukinakhal 3200 m, Eastern Chamoli, Garhwal. May 1967, *U. C. Bhattacharyya* 37230 (CAL); *Isotype*: Ditto, 37230 A & B (BSD).

Harry Smith (1958) described *S. poluniniana* based on specimens collected from Nepal between Padmara and Bumra, Padmara Lagna, 3450 m. It is not, so far, reported from anywhere else. This variety *mucronata* was collected by the senior author for the first time from Western Himalaya. This newly discovered taxon was collected between Wan and Kukina Khal 3200 m on dripping south-facing moist rock and also on north-facing steep rock. It is a handsome plant for growing in temperate, moist rock gardens.

H. Smith (1958) states that the affinity of this species is obscure. We find that it can be placed near to *S. burseriana* Linn. (Engl. et Irmsch., 1958) from which it differs in not having both erect and patent leaves and the leaves being all glabrous, acute and mucronate, and in petals being erect, clawless.

S. poluniniana H. Smith, *Saxifraga* of the Himalaya I. Section Kabschia in Bull. Brit. Mus. (Nat. Hist.) Bot. Vol. II (4) : 114-116, 1958.	*S. poluniniana* H. Smith var. *mucronata* U. C. Bhattacharyya 37230.
1. Occurring in cushions of 10-13 mm diameter.	1. Cushions 15-20 cm diameter.
2. Leaf linear, apex sub-acute, 5-6.2 mm long, 1.5 mm broad.	2. Leaf linear to oblong, apex acute, mucronate 6-12 mm long, 1.5-2 mm broad.
3. Sepals ovate, obtuse, tip recurved, 3.5 mm long, 2.5 mm broad.	3. Calyx ± 5.5 mm long, 3 mm broad, lobes ovate, acute, erect, 2.5-3 mm long, 1.1-5 mm broad.
4. Petals upper half sub-orbicular, base narrow, attenuate, 10 mm long, 5 mm broad.	4. Petals oblong, broad and rounded above, nerves more in number than in the 'Type'.
5. Stamens about twice shorter than petals.	5. Stamens about half as long as petals.
6. Style 4 mm long.	6. Style 5 mm long.

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EULOPHIA NICOBARICA BALAKR. & N. G. NAIR (ORCHIDACEAE)—A NEW SPECIES FROM CAR NICOBAR ISLAND

Eulophia nicobarica Balakr. & N. G. Nair, sp. nov. (sect. *Eulophia*)—*E. squalidae* Lindl. et. *E. elatae* Hook. f. affinis, a qua tamen differt bracteis 2-5 longis, floribus aequantibus; sepalis majoribus, oblanceolatis, obtusis, apiculatis, multinervibus; petalis luteis, obovatis, obtusis; labellis luteis cum purpureo-maculatis et elongato-tuberculatis, luteis ad discis.

Herba, perennis terrestris; pseudobulbi tuberantes, ex parte hypogei, oblongo-ellipsoidei, 2.0-3.5 cm longi, 1.5-2.5 cm lati. *Folia* 3-4, lineari- vel elliptico-lanceolata, vaginantis ad basin, acuta ad apicem, integra, 20-65 cm longa; 2-4 cm lata, glabra; nervi principales 5-7. *Scapi* erecti, coaetanei ex laterales pseudobulbis, 30-45 cm longi; vaginae 3-5, 6-8 cm longae, 1.0-1.5 cm latae; racemi 13-16 cm