

Fig. 1 : *Arisaema setosum* A. S. Rao and D. M. Verma spec. nov. Female plant with spathe intact; female flower. (R. S. Rao 17907A). Male flower; male spathe split open. (R. S. Rao 17907B).

long; leaflets 5, lanceolate or oblanceolate with the lateral leaflets slightly oblique, unequal, 12-20 cm

long, 4-6 cm broad, caudate-acuminate, margins slightly undulate; basal lateral nerves sub-marginal, free, upper ones anastomosing variously towards margins. *Peduncle* arising directly from the rhizome and distinct from the petiole, sheathed, 4.5-7 cm long 2-3 mm thick; sheaths 3-4, membranous, acute, outer ovate, inner lanceolate, the innermost equal to or slightly longer than the peduncle. *Spathe* tubular below, 7-9 cm long; tube cylindric, 3.2-3.5 cm long, ca 1.5 cm wide; limb ovate-lanceolate, 3.6-5.2 cm long, ca 2 cm broad, base auriculate, apex caudate, ca 5 mm long; auricles reniform, ca 10 mm long, ca 5 mm wide. Spadix sessile; floriferous part ca 2 cm long; appendage shorter than the floriferous part, ca 2.5 mm thick at base, topped with a tassel of filaments; filaments numerous, ca 3-5 cm long, pinkish-green (fide R. S. Rao). *Male flowers* sparse; stipe 1.5-2.5 mm long; anthers 4-5, globose, minute. *Female flowers* contiguous; ovary ovoid, style short, attenuate; stigma capitate. (Fig. 1).

Holotype: R. S. Rao 17907A, ♀, Sirang to Guizing, Siang dist., N.E.F.A., 20.11.1958, (CAL.). Paratype: R. S. Rao 17907B, ♂, (ASSAM).

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SOLANUM HISPIDUM PERS.—A NEW RECORD FOR SOUTH INDIA

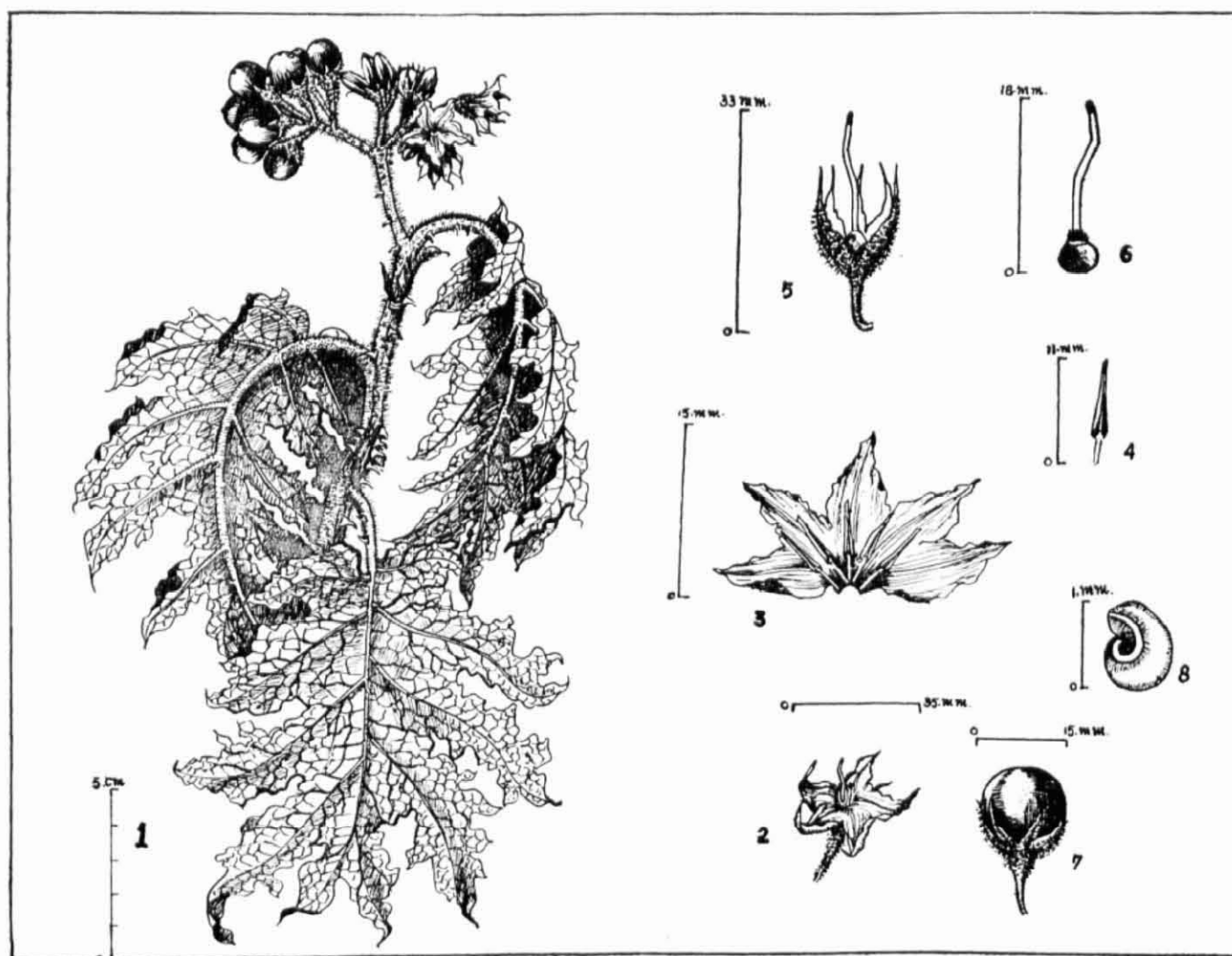
The plant forming the subject of this note was collected from Shevaroy Hills, Salem Dt., Madras State at an altitude of ± 1500 m on 27-2-1964. The herbarium sheet A. V. N. Rao 18215 is deposited in the Herbarium of the Botanical Survey of India, Coimbatore. As far as is known to the author this plant has not been collected from South India. A complete description of the plant based on fresh specimens, is given below.

This species is native of tropical America and is found to be naturalized in Shevaroy Hills.

Solanum hispidum Pers. Syn. *Plantarum* 1: 228. 1905.

Shrubs 4 to 4.5 m tall, erect, woody, terete, pale green to gray, hispid to stellately brown tomen-

tose, more so in younger parts, prickly; prickles curved downward. *Leaves* upto 56 cm long, 34 cm broad, simple, alternate, crowded at the end, exstipulate and petiolate; petioles upto 14 cm long, terete, dense brown stellate-tomentose, often with curved prickles; lamina ovate, 9 to 11 lobed, wavy at margins, acute at apex, oblique at the base, dense stellate-tomentose, more so on the midrib and veins beneath, sparsely so on the upper surface, often with a few prickles on the midrib and veins of both the surfaces. *Inflorescence* corymbose cymes, often dichotomous, axillary or extra-axillary, pedunculate; peduncles dense brown stellate-tomentose. *Flowers* regular, bisexual, ebracteate, pedicellate; pedicels ± 15 mm with dense stellate-tomentose hairs, thickened upwards. *Calyx*



Solanum hispidum Pers.
Figs. 1-8: 1. Portion of a branch. 2. Entire flower. 3. Corolla split open showing stamens. 4. Single stamen. 5. Calyx slightly split open to show gynoecium. 6. Ovary with style and stigma. 7. Fruit. 8. Seed.

persistent, accrescent, densely brown stellate-tomentose 5 toothed, connate at base; teeth, lanceolate, ± 10 mm long; corolla rotate, ± 35 mm in diam., white, 5 lobed; lobes ± 15 mm long, margin wavy, acute at apex, stellate-tomentose without, pilose within. Stamens 5, equal, ± 11 mm long, arising from the base of the corolla; anthers ± 8 mm long, lanceolate, connivent in a cone, opening by terminal pores. Ovary superior, sessile, 2 celled; ovules many; axile placentation; style ± 15 mm long, columnar with green receptive spot at the tip; base of the style and tip of the ovary sparsely puberulus. Fruit a berry, spherical, ± 15 mm in

diam., glabrous, pale yellow; seeds small, numerous, flat, nearly smooth.

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