A RARE AND INTERESTING SOLANUM (8. HOVEL DUN.) FROM WESTERN INDIA

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(Remod on 5-7-63)

Solama hari was depribed by F. Dunal in 1832, in De Candolle's "Prodromm Systematis...," volume 13(1), on page 311. Dunal-tis...," volume 13(1), on page 311. Dunal-tis...," volume 13(1), on page 311. Dunal-tis..., and the state of the state of the collected about 1798, by A. P. Hove at Dholka, in Gujeran, near the freet Salarmati. Hove's type specimen is preserved in the British Museum (Natural History) BMA, in the herbarium of J. Baaks. There is no inaterial of S. Issaf Dun. either in the Calcutta Herbarium of on the Kew Herbare Calcutta Herbarium or in the Kew Herbare

C. B. Clarke in J. D. Hooker's Flora of British India, in 1883, did not report this species an occurring in India, nor did T. Cooke, the Indian India, in Indian Indiana, in Indiana, in in 1903. No first the Presidency of Bombay, in 1903. No first British Maneum. No has a been recorded in any of the later works on the flora of Western Indian or any other part of the subcontinent. Apparently it is an overlooked and forgotten element of the Indian Bors.

Recently while going through some unnamed specimens of Soleman in the herbarium of the Industrial Section, Indian Maseum (ISIM), at Calcutta, the author examined a specimen which on critical analysis was found to be remarkably similar to S. hore. This unnamed specimen had been callected by I. II. Burkill in 1909, in West Khandeen, in Maharashtra. The authorities of the British Mouse were contacted and they were kind enough to confirm the identification of this plant by comparison of a photograph and description with the type of S. hore. They, also furnished relevant data on the species, as well as a photograph of the type specimen for reference.

Further, among a set of plant specimens collected in Bombiay Presidency by Joseph Fernandes, the author has found yet another specimen of S. heer, which has been collected in 1930, from the dense evergreen forests of Mastani-Basantbail, each of the Gos boundary.

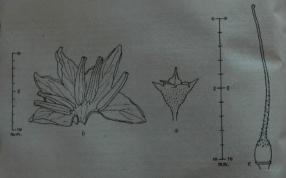
S. hotel is evidently a very rare and infrequent species, confined within the limits of and endemic to Western India. It is quite possible that there may be additional collectoms of his species among unidentified or wrongly identified material in the various herbaria of India and alread.

S. hand Dunc has close affinity to S. cardianos. L., a tropical American species, from which it differs by its smaller ealyst lobes and corollas, with aborter anthers and a pubescent style. S. have it also allied to S. indicon L. and S. tocon Sos. From S. indicon, which has a similar type of inflorescence, S. have can be distinguishtype of inflorescence, S. have can be distinguishtype of inflorescence, S. have can be distinguishtype of inflorescence, S. have can be distinguishof the samp pubescence, the unarmed nature of the samp pubescence, and untrambed, fissflowered inflorescence, with the pedicels drouping or recurved in fruit.

Solanum hovei Dunal, in DC. Prodr. 13(1): 311. 1852.

S. intermedium Dun. MS. in berb. Banks. 1819, non Sendin.

Pleat at underslinds, c. 60 cm. high. Erneibe terrete, scannity stellately poisecent, prickly; prickles 5-7 mm. long, more or less straight, prickles 5-7 mm. long, more or less straight, laterally compressed. Long would in pairs, 7-20 cm. long, 2,5-90 cm. wide, membrane-one, shombie, narrowly nombie or narrowly elliptic, margin angular-repand or shallowly lobed, ares sharply actue, base cuneate and slightly obleque; both surfaces stellately pubershare margined to the straight of the stellar properties of the straight of



Solomo Accei Dunal: a, calyx; b, corolla and stament: c, pittl.



Solavest mout Duvat. Photographs of (left) the type specimen at the British Maseum (BM), and (right) of Barkill's specimen at the Industrial Section, Indian Museum Calcuna (ISIM),

cyme, infra-axillary, 7-10 flowered; axis of cyme 0.5-4.0 cm. long, unbrunched, erect; gradually hickened cowards base. Flowers pedicellate; pedicel c. 7 mm. long, gradually hickened and more pubescent towards apex, in fine campanatur. Journal of the company of

*Type Specimen: Dolca near the Sabermatty,

*Specimens examined: West Khandesh-Akrani Plateau, Upper Astamba, 1200 m. 3rd October 1909, L. H. Burkill 33280 (ISIM).

Region east of Goa boundary, lat, 15°-16°N-Mastani-Basantbail evergreen forest, 25th November 1950, Joseph Fernandes 1865

(Also examined a photograph of the type specimen).

Note: Dunal described the leaves of S. houri as 'lamesolate or oblong-lamesolate'. The leaves on the type specimen may appear so, because of the various folds on them, but on a closer study it is evident that they are truly rhombic or elliptic in shape.

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Solamon have Dun., endemic to Western India, is a rare and infrequent species, fathersto overlooked and not mentioned in any of the Indian floratic works. Uptil now, it had been a record only from a single collection made by A. P. Howe in Gujerat, in 1788. S. Association in the control of the control of the control of the control of Goa, where it had been collected in 1909 and in 1909, respectively. These later collections had remained unidentified till now.

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^{*(}BM)—Herbarium of the British Museum of Natural History, London.

⁽ISIM)—Herharism of the Industrial Section, Indian Museum, Calcurus.

⁽CAL)—Herbarium of the Indian Botanic Garden (new known as Central National Herbarium), Howrsh,