

A New Chilean Plant and Some Nomenclatorial Changes

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In the present article I have proposed a new *Solanum* basing the species upon material from the deserts of northern Chile. In addition I also place on record some nomenclatorial transfers, made necessary by the rule of priority or by taxonomic considerations.

Solanum sitiens, sp. nov., ut videtur perenne ramosum fruticem erectum non rariter globosum 5-10 dm. altum formans inerme virescens, partibus vetustis inferioribus glaberrimis et laevibus; foliis firmis concoloribus sparsissime villosulis glanduliferis pinnatisectis 2-5 cm. longis 1-2.5 cm. latis breviter petiolatis, segmentis 5-9 alternis vel suboppositis remotis irregularibus 5-20 mm. longis pinnatisectis vel pinnatifidis cum laciniis oblongis vel ovatis saepe angulatis; cymis breviter pedunculatis bifidis vel dichotomis terminalibus multifloribus glanduliferis sparse villosulis; pedicellis 1-1.3 mm. longis apicem versus articulatis saepe ascendentibus; calyce 5 mm. alto glanduloso et sparse inconspicueque villosulo 5-lobato primum poculiformi deinde explanato, lobis ovatis vel ovato-oblongis herbaceis fructiferis induratis et incrassatis lanceolato subulatis; corolla alba? (in sicco flava) cum lineis brunneis 5 radiatis ornata subrotata ca. 18 mm. diametro 5-lobata extus adpresse villosula intus glabra, lobis ovatis vel ovatodeltoideis 4-5 mm. longis; antheris luteis oblongis 5-6 mm. longis 1.2 mm. latis erectis liberis paullo inaequalibus (duobus 6 mm., tribus 5 mm. longis) apice nullo modo attenuato vel connato evidenter obtusis primum biporosis deinde ramis lateralibus non rariter dehiscentibus; bacca subglobosa glabra exsucca crustacea ca. 12 mm. diametro flava nitida intus biloculari.

CHILE. ANTOFAGASTA: near Calama, ca. 3300 m. alt. Moore & Abbot TYPE, U. S. Nat. Herb. Sheet no. 1,038,130); ridge west of Calama, ca. 2700 m., Sept. 7, 1919, Moore & Abbot (U. S. Nat. Herb. Sheet no. 1,012,341).

Although in gross habit much suggesting a species of *Lycopersicum* this remarkable plant seems to belong in Dunal's *Dulcamara* * *Regmandra*, DC. Prodr. xiii. pt. 1, 28 and 60 (1852). It appears to be extremely distinct and I am quite unable to suggest a close relative. The plant is a pronounced xerophyte and was collected by A. F. Moore and L. H. Abbot, of the Smithsonian Solar Observatory, among the rocks on the crest of the «rather high ridge to the west of Calama» where the rainfall is extremely scanty and rare. According to the collectors the plant had a pleasant odor when fresh, this however, is lost in drying. Five photographs of the living plant are mounted on the sheet with the type-specimen which is deposited in the United States National Herbarium,

Solenomelus pedunculatus (Gillies), comb. nov. *Sisyrinchium pedunculatum* Gillies in Curtis, Bot. Mag. lvii. T. 2965 (1830). *Solenomelus chilensis*, Miers, Trans. Linn. Soc. xix. 96, t. 8 (1843).

Spergularis Pissisi (Ph.), comb. nov. *Arenaria Pissisi* Ph. Linnaea xxxiii. 20 (1864). *Tissa Pissisi* Reiche, Anal. Univ. Chile xci. 348 (1895) and Fl. Chile i. 200 (1896).

Sisymbrium Philippianum, non. nov. *S. amplexicaule* Ph. Fl. Atac. 8, t. 1b (1860) and Viage Des. Atac. 44, 71, 76 and 182 (1860); not Gray (1854).—Schulz, Pflanzenr. Heft 86, pg. 60 (1924), has treated this plant as «*S. intricatissimum* (O. Ktz.) O. F. Schulz», a name which is untenable since it is based upon *Hesperis intricatissima* Kuntze, Rev. Gen. iii. pt. 2, 5 (1898), which is obviously a nomenclatorial transfer of *Draba intricatissima* Ph. That latter name belongs to a very different plant and is the

type of Schulz's, l. c. 362, monotypic genus *Eremodraba*. Reiche, Fl. Chile i. 73 (1896), cites *Arabis tarapacana* Ph. as a doubtful synonym of *S. amplexicaule* Ph. Should this identity be finally proven the presence of the name, *tarapacatum* Ph., prevents that possible synonym from being taken up. It is, hence, necessary in any case to give the present plant a new name.

Talguenea quinquenervia (Gill. & Hook.), comb. nov. *Trevoa quinquenervia* Gill. & Hook. Bot. Miscel. i. 58, t. 45 (1830). *Talguenea costata* Miers, Travels ii. 529 (1826), nomen nudum. H. & A. Bot. Miscel. iii. 174 (1833); Miers', Ann. & Mag. Nat. Hist. vi. 6 (1860) and Contr. Bot. i. 297, t. 41 (1861),

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