

Lupinus lilacinus Heller, spec. nov. Perennis, 3 dm. altus, ramosus ex basi, multis ramis ex rhizomate robusto, omnino dense incanus; foliolis 7—9, oblongo-spatulatis, apice acutis et mucronatis, longissimis 20 mm. longis; petiolis brevioribus foliolis; stipulis disjunctis, attenuatis; racemis 10—15 cm. longis, folia superantibus, laxifloris, bracteis deciduis, pedicellis gracilibus, 5 mm. longis; calyce basi saccato, tubo 2 mm. longo, labio superiore 5 mm. longo, bidentato, dentibus 2 mm. longis, paulo divaricatis, labio inferiore 5 mm. longo, patente, obtuso; corolla lilacina, 10 mm. longa, 8 mm. lata, alis et vexillo separatim 3 mm., vexillo atro-lilacino; carina falcatisissima, glabra æquilonga et fere tecta alis.

The type, in the Heller Herbarium, is *Heller No. 11945*, collected June 3, 1915, along Houghton's Trail near Bennett Spring, on the Newville-Covelo road, Glenn County, California, in the Transition Life Zone, elevation about 3200 feet, inner ridge of the Coast Range.*

C. P. Smith in Jepson's Manual, 529 (1925), credited this species to me as a variety of *L. adsurgens* Drew. It evidently belongs to the same group as *L. adsurgens*, a yellow-flowered species collected on the west side of South Fork Mountain, Humboldt County, California. In 1911 I photographed a specimen in the Herbarium of Columbia College, deposited in the Herbarium of the New York Botanical Garden. This is either the type or a paratype of Drew's species. It differs from *L. lilacinus* in being more slender, less leafy, the racemes short as described, the flowers rather closely spaced and yellow.

Lupinus pumicola Heller, spec. nov. Caules ramosi ex rhizomate ligneo, circa 2—3 dm. alto, supra ramosi et foliosi, infra purpurascens et leviter adpresso-pubescentes; foliis subglaucis, leviter pubescentibus supra et infra; petiolis 10—15 mm. longis, brevioribus foliolis; foliolis 7, oblanceolatis vel oblongo-spatulatis, longissimis 27 mm. longis, infra medium 8—10 mm. latis, apice acutis, apiculatis; stipulis lanceolato-acuminatis, 5—6 mm. longis; bracteis nonnihil persistentibus, acuminatis, 5 mm. longis; labiis calycis acutis, superiore 5 mm. longo, inferiore 6 mm. longo; corolla violacea, 12 mm. longa lataque; alis et vexillo 6 mm. separatim; carina glabra, subfalcata, medio 3 mm. lata, apice atro-violacea, in senectute exserta.

The type, Herb. Calif. Acad. Sci. No. 61992 is *Heller No. 12612* and was collected August 30, 1916, on open sandy areas back of the lake rim west of the lodge, Crater Lake National

* This is common in Lake County. In Herb. Calif. Acad. Sci. are the following: on trail to Mt. Sanhedrin from Dashiels, *Eastwood No. 12938*; 6 miles from Kelseyville on road to Adams Springs, *Eastwood & Howell No. 5759*, a tall plant almost 4 dm. high; southeast side of Snow Mt., *Heller No. 13225*.—Alice Eastwood.

Park, Oregon, in the Hudsonian Life Zone, elevation 7000 feet. In 1916 it was fairly common at the place indicated, but is now probably extinct there, as that area is now given over to buildings and camp grounds. It was noted at other places in the park, especially about Anna Springs in the Canadian Life Zone 1000 feet lower. Its relationship is probably with *L. Andersoni* Wats. and *L. apertus* Heller.

NEW WESTERN PLANTS—II

BY ALICE EASTWOOD

Godetia lassenensis Eastwood, spec. nov. Caulis simplex, gracilis, foliosus, incanus, sæpe rubescens, 3—4 dm. altus; foliis incanis, linearibus, apice obtusis, basi attenuatis ad petiolum anguste marginatum, 2—4 cm. longis, 1—3 mm. latis; floribus axillaribus, pendulis in alabastro, alabastris ovatis, breviter acuminatis, 15 mm. longis, incanis; calycis segmentis conjunctis a latere, lanceolatis, acuminatis, tubo campanulato, 3 mm. longo, linea interiore villosa medio; petalis obovatis, 15 mm. longis, 12 mm. latis, rubicundis; antheris albis, 4 mm. longis, æquilongis filamentis et superantibus stigmata alba linearia; capsula 3 cm. longa, obtuso-angulata, lineata inter angulos, pedicello et rostro 2 mm. longo.

Type: Herb. Calif. Acad. Sci. No. 279909, collected June 11, 1940, in the Big Valley Mts. between Fall River Mills and Nubieber, Lassen Co., California, by Alice Eastwood and John Thomas Howell, No. 7983.

This species belongs in the group with the tops of the stems drooping in bud. It differs from *G. Dudleyana* Abrams in the line of hairs of the inner part of the calyx-tube being in the middle instead of near the mouth, in the smaller flowers, in the petals without a claw, in the white anthers, and in the narrow white stigma-lobes. From *G. hispidula* Wats. it differs in the appressed white pubescence instead of the fine glandular-tipped hairs. In appearance it resembles *G. quadrivulnera* (Dougl.) Spach, but the drooping buds exclude a relationship with that species.

Another collection was made the same day, *Eastwood & Howell* No. 7960, at McArthur, Shasta Co., California. This has smaller flowers than the preceding, the petals white at base, but otherwise similar.