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LOGANIACEAE OF NEVADA

by

F. R. FOSBERG

January 23, 1941

Issued by

The Division of Plant Exploration and Introduction,
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Work Projects Administration of Nevada,
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Collaborator

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LOGANIACEAE OF NEVADA

By F. R. Fosberg

Herbs, shrubs, or trees with opposite (or verticillate), very rarely alternate, usually stipulate simple leaves, the stipules often interpetiolar; inflorescence usually cymose or thyrsoid; flowers with calyx 4-5 lobed, corolla sympetalous, often tubular or salverform, 4-5 lobed, stamens usually the same number as, and alternate with, the corolla lobes, often inserted on the corolla tube, ovary superior, usually 2-celled, with axile or basal placentation, style one with 2-4 stigmas; fruit capsular, baccate, or drupaceous, usually with many seeds.

Predominantly a tropical family, found in both hemispheres. One genus found in Nevada.

1. BUDDLEJA [Houst.] L.

(Also spelled Buddleia, Buddleya, or Buddlea.)

BUDDLEJA [Houst.] L. Gen. Pl. ed. 5: 51. 1754.

Usually shrubs, with opposite or rarely alternate leaves, stipules much reduced or obsolete; flowers in thyrses or verticillate spikes, 4-merous, calyx campanulate, corolla salverform, tubular, or campanulate, stamens included, stigma 2-lobed, ovary 2-celled; fruit a 2-valved septicidal capsule, surrounded, at least below, by the persistent calyx; seeds numerous, very

small.

One species native in Nevada, others may possibly be grown as ornamentals.

1. BUDDLEJA UTAHENSIS Coville, Proc. Biol. Soc. Wash. 7: 69. 1892.

   Buddleja marrubiifolia Benth. var. utahensis (Cov.) Jones, Proc. Cal. Acad. II. 5: 716. 1895.

   Small, densely stellate-tomentose tawny-gray shrub, leaves lanceolate, sessile or subsessile, with blunt apex, margins usually strongly crispate-crenulate, fascicles of small leaves often borne in axils of large ones; flowers in interrupted spikes of 1-6 head-like verticels, individual flowers embedded in dense tomentum; calyx lobes ovate, with rounded apices, tomentose; corolla yellow (drying blackish or purplish), stellate-pubescent without; about 4-5 mm. long, tube 2 mm. wide, lobes rounded, spreading.

   Nevada: Clark, Nye, and Lincoln (?) Counties.