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CONTRIBUTIONS TOWARD  
A FLORA OF NEVADA. NO. 23.

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LOGANIACEAE OF NEVADA

by

F. R. FOSBERG

January 23, 1941

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Issued by

The Division of Plant Exploration and Introduction,  
Bureau of Plant Industry,  
U. S. Department of Agriculture,  
Washington, D. C.

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Work Projects Administration of Nevada,  
Projects, O. P. 65-2-04-13, W. P. 658;  
O. P. 165-2-04-21, W. P. 752.

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Collaborator

University of Nevada.

Address all queries concerning this publication to the Division  
of Plant Exploration and Introduction, Bureau of Plant Industry,  
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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 thyrsoïd; 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.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document discusses the importance of data governance and the role of leadership in establishing a strong data culture. It emphasizes that clear policies and standards are necessary to ensure data is managed effectively across the organization.

6. The sixth part of the document concludes by summarizing the key findings and recommendations. It reiterates the importance of a data-driven approach and encourages the organization to continue investing in data management capabilities to achieve its long-term goals.