

# Curl-leaf Mountain Mahogany in the Landscape

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## *Cercocarpus ledifolius*

### Curl-leaf mountain mahogany



**Description:** Curl-leaf mountain mahogany is a marvelous large shrub to small tree that would look good in any ornamental landscape, but is especially adapted for low-water landscapes. It is the only broadleaf evergreen tree in the Intermountain West, and as such it offers an interesting winter contrast to the standard landscape conifer. It achieves a rather gnarly and quite intriguing shape with age. Seeds have long, cork-screw, feather-like plumes that cover the tree, creating an almost fuzzy appearance from a distance. The leaves are distinctively aromatic, evergreen and, curled under, thus its common name.

### Cultural Requirements:

- Native habitat      Dry hills and rocky slopes throughout the West at elevations from 5,000 to 10,000 feet
- Soil      Well drained, tolerates poor soil conditions; prefers coarse, rocky slopes; pH 6.0 to 9.0
- Cold Tolerance      Zones 3-8
- Drought Tolerance      High
- Salt Tolerance      Unknown
- Sun/Shade Preference      Full sun to part shade
- Transplanting      Deep tap root makes it difficult to transplant
- Propagation      Seed or hardwood stem cuttings
- Maintenance      Prune in winter; tolerates hedging or shearing
- Problems      Browsed by deer

**Landscape Value:**

- Use in the Landscape Use as a screen or for reclamation, soil stabilization, cover for wildlife; becomes multi-stemmed as a seedling; it needs training to achieve a single-trunk tree form.
- Leaves Broadleaf evergreen; shiny, dark green and leathery
- Flowers Small, inconspicuous, pale rose

	Apr	May	June	July	Aug	Sept	Oct
• Color							

- Fruit (seedheads) Long, dry achene with a 2- to 3-inch plume attached
- Form Upright shrubby
- Texture Coarse
- Ultimate Size 8 to 15 feet
- Rate of Growth Slow
- Plant Community Parkland, pinyon-juniper, shrub steppe, mountain brush
- Availability Utah's Choice selection (visit <http://www.utahschoice.org/natives/wheretobuy> for more information)
- Cultivars None of ornamental value

**Propagation**

To start seed indoors soak seed in hydrogen peroxide for up to 24 hours. Rinse well. Cold, moist stratify for 30 to 60 days. Sow seed into container and cover with ¼ inch soil. To sow seed outdoors, use a generous amount of seed and cover with ¼ inch of soil. Sow in fall and watch for germinated seedlings the following spring. Cuttings should be collected in the spring from the previous season's growth.

**Additional Photos**



Photo credits: Roger Kjelgren

## References

- Cerny, T., L. Rupp, C. Reid, and M. Kuhns. 2002. Selection and Culture of Landscape Plants in Utah: A guide for southwestern and central Utah. Utah State University Extension Bulletin HG 500.3 URL: [http://extension.usu.edu/files/publications/publication/HG\\_500\\_3.pdf](http://extension.usu.edu/files/publications/publication/HG_500_3.pdf)
- Mee, W., J. Barnes, R. Kjelgren, R. Sutton, T. Cerny, and C. Johnson. 2003. Waterwise: Native Plants for Intermountain Landscapes. Utah State University Press, Logan, UT.
- Rupp, L., R. Kjelgren, J. Ernsten, and W. Varga. 1997. Shearing and Growth of Five Intermountain Native Shrub Species. *Journal of Environmental Horticulture* 15(3):123-125.
- Zeidler, Scott; Justin, John. 2003. Propagation protocol for production of field-grown *Cercocarpus ledifolius* Nutt. plants (2+0); Utah Division of Forestry, Fire and State Land - Lone Peak Nursery, Draper, Utah. In: Native Plant Network. URL: <http://www.nativeplantnetwork.org> (accessed 2 January 2009). Moscow (ID): University of Idaho, College of Natural Resources, Forest Research Nursery.

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This publication is issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Noelle E. Cockett, Vice President for Extension and Agriculture, Utah State University.