

-State Species Abstract-  
-Wyoming Natural Diversity Database-

*LIGUSTICUM TENUIFOLIUM*  
SLENDER-LEAVED LOVAGE  
Family: Apiaceae

Status:

US Fish & Wildlife Service: None.

Agency Status: None.

Heritage Rank:

Global: G5 State: S1

WYNDD Plant List: Peripheral

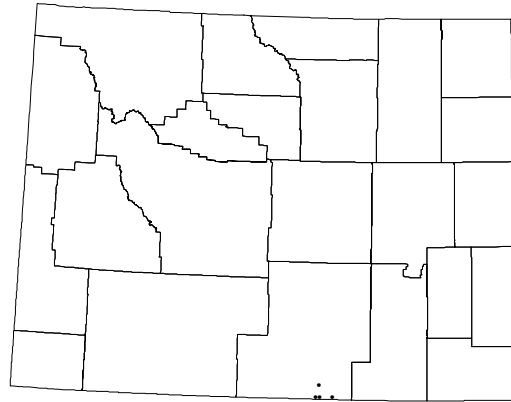
(Low conservation priority)

Description: Slender-leaved lovage is an aromatic perennial herb, 1-6 dm tall, with a single stem arising from a thick taproot, the crown usually cloaked with long, brown, fibers. Leaves are almost entirely basal (occasionally with a reduced leaf midway up the stem), and are several times divided, the ultimate segments very narrow (imparting a fern-like appearance to the leaf). The inflorescence consists of 1-3 compound umbels located at or near the top of the stem. The numerous flowers are very small, white, and in several tightly-packed clusters. Fruits are 3-5 mm long with prominent ribs (Cronquist et al. 1997; Welsh et al. 1935).

Similar Species: *Ligusticum filicinum* is a more robust plant (5-12 cm high), with one or more well developed stem leaves. *L. porteri* is also a larger plant with one or more well developed stem leaves, each with broad terminal segments. *Conioselinum scopulorum* has broad leaf segments and root crowns lacking stringy fibers.

Flowering/Fruiting Period: Mid July - August.

Distribution: Southern Wyoming to New Mexico, west to Utah and Arizona. Disjunct



Wyoming distribution of *Ligusticum tenuifolium*.

in Oregon. In Wyoming it is known only from the Sierra Madre in Carbon County.

Habitat: Occurs in meadows and streambanks in the mountains at 8100-8760 feet.

Occurrences in Wyoming: Known from 2 extant occurrences and 2 historical occurrences in Wyoming, most recently observed in 1988.

Abundance: Not known.

Trends: Unknown.

Protection status: One population is found in the Encampment River Wilderness Area. All other known populations are found on public and state lands managed for multiple use.

Threats: Unknown.

Managed Areas: Occurs in the Medicine Bow National Forest and on state land.

References:

Cronquist, A., N.H. Holmgren, and P.K. Holmgren. 1997. Subclass Rosidae (except

Fabales). Intermountain Flora, Vascular Plants of the Intermountain West, USA, Volume 3, Part A. New York Botanical Garden, Bronx, NY.

Dorn, R.D. 1992. Vascular Plants of Wyoming, second edition. Mountain West Publishing, Cheyenne, WY.

Mathias, M. and L. Constance. 1944. Umbelliferae. North American Flora 28B.

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