

## Lomatium foeniculaceum in Oklahoma

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This species is listed in *Keys to the flora of Oklahoma* (Waterfall 1962) as not having been seen. Its collection in Kay County in April 1964 (Means 976) led to a check of its presence in herbariums at O.U. and O.S.U.

The following collections are identified as *L. foeniculaceum* by the author: *Jeffs* #6 prairie, Norman, Oklahoma 1926 (OKL); *Barkley* 2996 prairie, Norman, Oklahoma 1928 (OKL); *Hopkins & Nelson* 128, Arbuckle Mts. 1944 (OKL); *Goodman* 6620, Roman Nose State Park 1958 (OKL); *McCoy* #598, prairie, S.W. of Ada, Oklahoma 1952 (Okla); *McCoy* 2252, limestone outcrop S.E. of Ada, Oklahoma 1952 (Okla); *Means* 976, limestone outcrop N.E. of Newkirk, Oklahoma 1964 (Okla).

Several sheets labeled *L. foeniculaceum* are *L. daucifolium*: *Clark* 188, Tulsa, Oklahoma 1957 (OKL); *Stevens* 2, Murray County 1913 (OKL); *Crockett* 57, Wichita Mts. 1959 (OKL).

The distinguishing characteristic between *L. foeniculaceum* and *L. daucifolium* is that the former has pubescent fruit and ovary and the latter has glabrous fruit and ovary (Mathias and Constance 1944-45).

Both species may have pubescence on the foliage, including the peduncles of the umbellets (secondary umbels). It is probably this feature that results in mis-identification of the two species, particularly of immature specimens.

### LITERATURE CITED

- Mathias, M. E. and L. Constance. 1944-45. Family two, Umbelliferae. North America Flora, vol. 28-B: 222-258. New York, Bot. Garden.
- Waterfall, U. T. 1962. Keys to the Flora of Oklahoma, ed. 2, O.S.U. Research Foundation.