

Heritage Ranking Form - State Rank

Scientific Name: Myotis lucifugus

Common Name: Little Brown Myotis

Classification: Vertebrate Animal

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)
Convex Hull = 237,667 sq km

Population Size: U = Unknown

Comments: Still common in OR

Number of

Occurrences: D = 81 - 300

Comments: Probably about 100 EOs, based on PODs data since 1990.

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: 406 4km sq grid cells based on PODs records since 1990.

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: None

Environmental

Specificity: Not Evaluated

Comments: None

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: B = High

Comments: None

Intrinsic Vulnerability: A = Highly vulnerable

Comments: Populations elsewhere have been decimated by white-nose syndrome.

Heritage Rank: S3

Comments: Still wide spread and common in OR, but S3 largely because of potential but serious threat from white-nose syndrome. Habitat loss and wind turbines also pose a threat.

Rank Notes: None

Reference: Verts, B.J. and L.N. Carraway. 1998. Land Mammals of Oregon. University of California Press, Berkeley CA. 668 pp. | ORBIC PODs data | Kunz, T.H., E. B. Arnett, W. P. Erickson, A. R. Hoar, G. D. Johnson, R. P. Larkin, M. D. Strickland, R. W. Thresher, and M. D. Tuttle 2007. Ecological impacts of wind energy development on bats: questions, research needs, and hypotheses. *Frontiers in Ecology and the Environment* 5: 315–324.

Rank Date: 5/8/2013

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