

***Andrena winnemuccana* (LaBerge, 1973)
(Andrenidae: Andreninae)**

Profile Prepared by Matthew Shepherd, The Xerces Society for Invertebrate Conservation

SUMMARY

Andrena winnemuccana is a rare species with a restricted distribution and uncertain population status. Little is known of the biology of this species.

CONSERVATION STATUS

Xerces Red List Status: Vulnerable (Data Deficient)

Other Rankings:

Canada – Species at Risk Act:	N/A
Canada – provincial status:	N/A
Mexico:	N/A
USA – Endangered Species Act:	N/A
USA – state status:	N/A
NatureServe:	N/A
IUCN Red List:	N/A

SPECIES PROFILE

DESCRIPTION

TAXONOMIC STATUS

Andrena (Andrena) winnemuccana LaBerge 1973

LIFE HISTORY

The flight period of *Andrena (Andrena) winnemuccana* is May to June (Tepedino and Griswold, 1995). *A. winnemuccana* nests in the ground. (Andrenid nests usually have a series of lateral tunnels radiating from a vertical burrow. Cells are normally at the end of the lateral tunnel and lined with a waxy secretion.) The flower preferences of *A. winnemuccana* are unknown, although closely related members of this genus tend to specialist on crucifers (family Brassicaceae) and it is possible that *A. winnemuccana* does also.

It has been recorded in one habitat type within the Columbia Basin, Wyoming big sagebrush.

DISTRIBUTION

Andrena winnemuccana is endemic to the northern Great Basin and Owyhee Uplands. It has been collected only once, at Owyhee Dam in Malheur County, OR.

THREATS

Little is known of this species making it difficult to assess threats. However, it is a rare species with a restricted distribution and reductions in the size or composition of habitat are likely to impact this bee.

CONSERVATION STATUS

A rare endemic species with a restricted distribution and uncertain population status.

CONSERVATION NEEDS

Ensure that suitable (unknown) flowering plants persist and that appropriate nesting substrate remains.

RESEARCH NEEDS

Little is known of the biology of this species. Studies of both the nesting and foraging habits would be valuable.

RESOURCES

CONTACTS

REFERENCES

Michener, C.D. 2000. *The Bees of the World*. Baltimore, MD: Johns Hopkins University Press.

Tepedino, V.J., and T.L. Griswold. 1995. The bees of the Columbia Basin. Final report, USDA Forest Service, Portland, OR. 212 pp (Technical Report)

WEBSITES

Nomina Insecta Nearctica

<http://www.nearctica.com/nomina/wasps/andrena.htm#anchor22666>

(Accessed November 16th, 2004.)