

***Perdita similis pascoensis* (Timberlake, 1958)  
(Andrenidae: Panurginae: Perditini)**

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**SUMMARY**

*P. similis pascoensis* is a rare endemic species with a restricted distribution and uncertain population status. It has been collected only once, at Pasco in Franklin County, WA, in Pinyon-Juniper woodland vegetation type. It is likely dependent on flowers in the family Compositae.

**CONSERVATION STATUS**

**Xerces Red List Status: Vulnerable**

**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

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**SPECIES PROFILE**

**DESCRIPTION**

**TAXONOMIC STATUS**

*Perdita (Perdita) similis pascoensis* Timberlake 1958

**LIFE HISTORY**

The flight period of *Perdita similis pascoensis* is August to September (Tepedino and Griswold, 1995). Like all members of the tribe Perditini, *P. similis pascoensis* nests in the ground. (*Perdita* nest differ from the majority of andrenid nests in that the cells are unlined or only partially lined.) Nearly all species of the tribe Perditini are specialist foragers. *P. similis pascoensis* is likely dependent on flowers in the family Compositae.

It has been recorded in one habitat type within the Columbia Basin, Pinyon-Juniper woodland.

#### **DISTRIBUTION**

*Perdita similis pascoensis* has been collected only once, at Pasco in Franklin County, WA.

#### **THREATS**

Currently unknown.

#### **CONSERVATION STATUS**

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

#### **CONSERVATION NEEDS**

Ensure that suitable 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.

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## **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)

Timberlake, P.H. 1958. A revisional study of the bees of the genus *Perdita* F. Smith, with special reference to the fauna of the Pacific coast, Part III. *University of California Publications in Entomology* 14: 303-410

#### **WEBSITES**

This bee has no web presence.