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## New Distributional Records of Ticks (*Ornithodoros concanensis* and *O. kelleyi*) in Washington

### Abstract

Nymphs of *Ornithodoros concanensis* and larvae of *O. kelleyi* were collected from a Golden Eagle (*Aquila chrysaetos*) nest and from pallid bats (*Antrozous pallidus*), respectively. Both species of ticks were previously unreported for Washington.

On 22 May 1980, seven nymphs of *Ornithodoros concanensis* were collected from a rock flake 15 cm above an active Golden Eagle nest. That nest, which fledged one young, was located 12 m up in a 18 m high basalt cliff in Klickitat County, Washington. *O. concanensis* (previously confused with *O. aquilae*; see Kohls *et al.* 1965) was first described from specimens found on bat guano and has subsequently been reported from swallows and raptorial birds (Kohls *et al.* 1965) in several western states though, until now, was previously unrecorded in Washington.

On 9 August 1980, 10 larvae of *O. kelleyi* were collected from four live pallid bats (3 females, 1 male; *Antrozous pallidus*) captured in a rock crevice on a granite cliff in Douglas County, Washington. Over a dozen bats, all apparently *A. pallidus*, were roosting in the crevice. This species of tick has been collected only from bats and bat-inhabited structures. The species is widely distributed in the United States and, until now, was previously unrecorded in Washington.

All specimens of both *O. concanensis* and *O. kelleyi* were identified by Carleton Clifford and are retained in the collection of the Rocky Mountain Laboratory (RML 113340 and RML 113341, respectively), National Institutes of Health, Hamilton, Montana. The four specimens of *A. pallidus* are retained in the University of Washington, Washington State Museum (UW-WSM 32505-32508), Seattle, Washington.

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**Literature Cited**

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