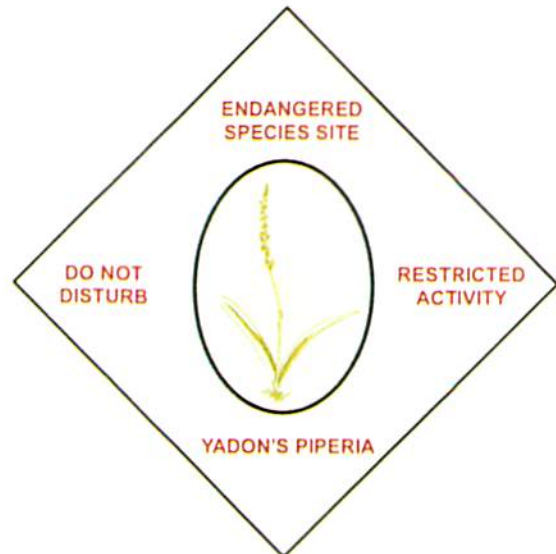


## PROTECTION

Yadon's piperia (*Piperia yadonii*) is listed as endangered in August 1998 under the federal Endangered Species Act. The law protects the plant against acts of "taking," including removal, possession, and malicious destruction. Knowing violations of the Endangered Species Act are subject to civil fines of up to \$25,000 for each offense and criminal penalties of up to \$50,000 and 1-year term of imprisonment.

Visitors to the Presidio of Monterey can reduce impacts to Yadon's piperia by observing the following guidelines:

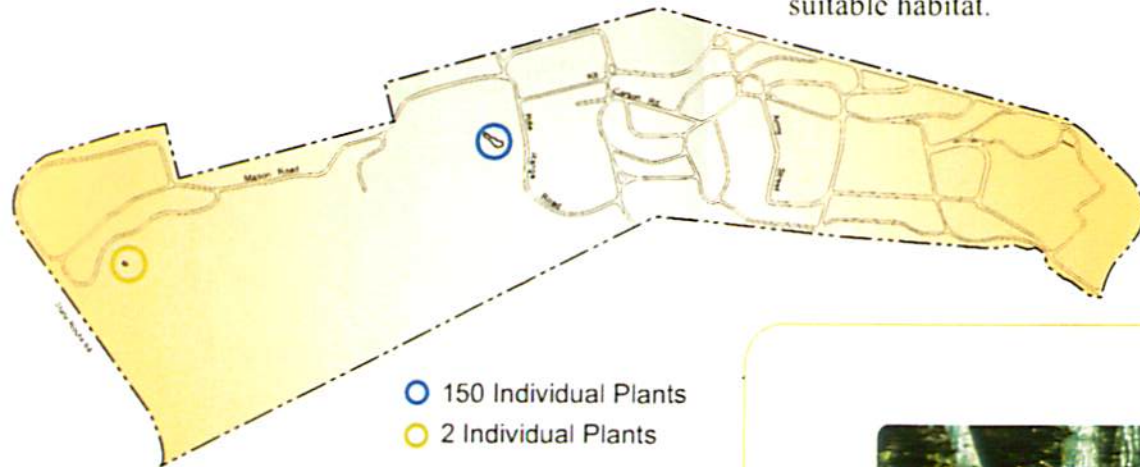
- Stay on trails
- Honor signs posted for closed areas
- Avoid populations of Yadon's piperia
- Do not collect any species of plants without permission from the Directorate of Environmental and Natural Resources Management.



## DISTRIBUTION

Yadon's piperia is found only in northern Monterey County, California, from Big Sur north to the Prunedale-Elkhorn Slough area.

The plant's home is in Monterey pine forest and maritime chaparral communities. At the Presidio of Monterey, two small populations of Yadon's piperia have been found—one near the cemetery and dormitories and one in the Huckleberry Hill Nature Preserve. In recent population surveys, 150 individual plants were identified in the cemetery/dormitory area, and 2 were in the nature preserve. These two populations occupy less than 1 acre of Presidio property.



## BACKGROUND

A slender perennial herb in the orchid family, Yadon's piperia grows from an underground bulb-like stem. In winter, the plant produces elongate leaves 4 to 6 inches long and 1 to 1½ inches wide. Following the emergence of the basal leaves, a ½- to 1½-foot stalk develops that in early summer bears small white flowers with green borders or midveins.

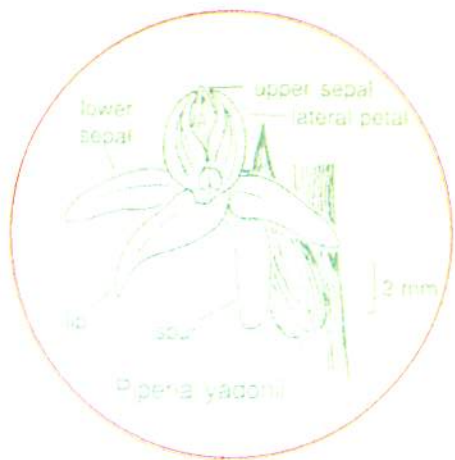
## BACKGROUND

Urban and golf course development of much of its habitat has led to dramatic decreases in the density of Yadon's piperia populations. Other potential threats to the species are excessive collecting, deer browsing, and competition from non-native species. Surveys have estimated approximately 84,000 individuals overall on 350 acres, with about 59,000 or 70 percent of these plants inhabiting the Monterey Peninsula area. Yadon's piperia grows throughout its historic range (with the exception of the Pacific Grove area, where it has been eliminated by urban growth), but the plant was once more abundant within the known areas of its suitable habitat.



Presidio of Monterey pine forest, home to Yadon's piperia.





**Detail view of Yadon's Piperia**

Detail view reprinted with permission Hickman J.L.,  
The Jepson Manual®, University of California Press, 1993



**Yadon's piperia in habitat at Presidio of Monterey**

### INFORMATION

For further information, call or write:

U.S. Department of the Army  
Directorate of Environmental and Natural Resources  
Management  
Presidio of Monterey  
Building 4463 Gigling Road, Room 101  
Seaside, California 93955

Telephone: 831-242-7920  
Fax: 831-394-6816

# THE ENDANGERED SPECIES



**YADON'S PIPERIA  
AT PRESIDIO OF MONTEREY**