

Psorothamnus kingii (S. Watson) Barneby**LAHONTAN INDIGOBUSH****FAMILY:** *Fabaceae*, the legume family.**SYNONYMS:** *Dalea kingii*
Parosela kingii
*Psorodendron kingii***STATUS:** Heritage Program **SENSITIVE LIST**, ranks: **G3 S3**

USFWS/ESA: none. STATE OF NEVADA: none. BLM: none. USFS: none. NNNPS: watch list.

POPULATION CENSUS: 9 occurrences mapped; total estimated individuals unknown, total estimated area unknown.**TREND:** unknown.**IMPACTS AND MAJOR THREATS:** No summary available (see references).**INVENTORY EFFORT:** Much potential habitat has already been examined, but considerably more is difficult to access and remains to be surveyed. Most recent entered survey 1982, average year of last survey 1956.**Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 22.2%; **21-30 yrs:** 33.3%; **31-50 yrs:** 11.1%; **51+ yrs or unknown:** 33.3%.**LAND MANAGEMENT** in decreasing predominance: U. S. Bureau of Land Management, private lands, U. S. Department of Defense (?).**RANGE:** Churchill and Humboldt counties, Nevada. **Nevada endemic.** Maximum **range dimension 209.7 km (130.3 mi)** excluding most disjunct record. **Type specimen** collected in Churchill County.**ELEVATIONS RECORDED:** 4140-5250 feet (1262-1600 meters).**HABITAT:** Deep sand of active dunes, interdune areas, and vegetated dunes and aeolian deposits in the shadscale, salt desert, and sagebrush zones with *Tetradymia*, *Atriplex canescens*, *Astragalus geyeri* var. *geyeri*, *Psoralidium lanceolatum*, *Achnatherum hymenoides*, *Gilia leptomeria*, *Ericameria nauseosa*, *Artemisia tridentata*, etc. Dependent on sand dunes or deep sand.**PHENOLOGY:** flowering late-spring to summer. Range of most frequent **survey months:** June-October.**LIFE-FORM AND HABIT:** rhizomatous perennial herb.**DESCRIPTION:** Spinescent, yellow-green undershrub with spreading, divaricate branches, which are sparingly strigose and orange. Flowers are short-pedicellate and purple (Kartesz 1988).**PHOTOGRAPHS:** Nevada Natural Heritage Program images web page (1998-present), slide collection (1986-present), and files.**ILLUSTRATIONS:** Barneby (1977), Barneby (1989), Mozingo and Williams (1980).**OTHER GENERAL REFERENCES** (listed separately): Isely (1998).**SPECIFIC REFERENCES:**

Holmgren, A. H., L. M. Shultz and J. S. Shultz. 1977. Herbarium search and literature review: survey of proposed sensitive species in Humboldt and Pershing Counties. Logan: Utah State University, Intermountain Herbarium.

Mozingo, H. N. 1987. Shrubs of the Great Basin. Reno: University of Nevada Press. 342 pages.

Pavlik, B. 1985. Sand dune flora of the Great Basin and Mojave Deserts of California, Nevada, and Oregon. *Madroño* 32: 197-213.