Pogogyne floribunda is an annual herb in the Lamiaceae. It is known from heavy clay soil in vernal pools (the surrounding habitat is often dominated by Pinus spp., Juniperus occidentalis and Artemisia spp.) from 945 to 1745 meters in elevation. It is included in The Jepson Manual (1993) and will be included in The Jepson Manual (2nd Edition, pending confirmation from author). P. floribunda typically flowers between May and September.

P. floribunda is known from 105 occurrences in Lassen, Modoc, Shasta, Siskiyou, and Tehama counties. Eight of the 105 occurrences are considered historical and have not been documented for at least 20 years. A total of 42 occurrences are currently ranked as either “good” or “excellent” by CNDDB. Fifteen occurrences are ranked as either “fair” or “poor” by CNDDB. The occurrence rank is unknown for 48 occurrences. Suitable habitat within and beyond it known range should be searched for new occurrences. Please see the table below for a summary of occurrence data.

<table>
<thead>
<tr>
<th>Total # of Known Element Occurrences</th>
<th>Element Occurrence Ranks</th>
<th>Population Status</th>
<th>Presence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A  B  C  D  X  U</td>
<td>Historic &gt;20 years</td>
<td>Recent &lt;=20 years</td>
</tr>
<tr>
<td>105</td>
<td>13  29  14  1  0  48</td>
<td>8  97</td>
<td>105 0 0</td>
</tr>
</tbody>
</table>

The population size of P. floribunda is fairly well known. Data are available for 80 occurrences. Counts/estimates conducted between 1992 and 2008 indicate that the population size at occurrences of P. floribunda varies greatly (from 2 plants at EO# 69 to as many as 110,000 plants at EO# 50). Population numbers at occurrences of P. floribunda may fluctuate on a yearly basis, presumably due to variation in seasonal rainfall and growing conditions. More than 1000 plants have been recorded at approximately 35 occurrences in some years. Population count/estimate data is available in the “Populations” worksheet the “Locations_PogogyneFloribunda” spreadsheet.

P. floribunda is also known from 4 occurrences in Oregon where it is state-ranked as S1 and an unknown number of occurrences in Idaho where it is also state-ranked as S1.
P. floribunda was first included on List 1B (plants rare, threatened or endangered in California and elsewhere) in the Fifth Edition of The CNPS Inventory (1994), and it has remained on that list ever since.

Approximately half of the occurrences of P. floribunda are threatened by grazing and associated trampling. Occurrences are also threatened by development, logging, non-native plants, and off-road vehicle use. An analysis of population trends and the long-term impact from grazing is needed to fully assess the conservation status of P. floribunda. Nearly all of the California occurrences of P. floribunda occur on land managed by the Lassen or Modoc National Forests.

The large number of total occurrences (105) of P. floribunda, the number of occurrences ranked "good" or "better", and population data seems to indicate that it is too common to be included on List 1B. Generally speaking, List 1B contains plants that are known from fewer than 50 occurrences ranked as "good" or “excellent” by CNDDB. At this time, it appears that, there are sufficient data to support re-ranking P. floribunda to List 4.

Based on the current information, CNPS and CNDDB recommend that P. floribunda be re-ranked to List 4.

**Recommended Actions**

**CNPS:** Re-rank in CNPS from List 1B to 4.

**CNDDB:** Re-rank from G3, S3 to G4, S4

---

**Revised CNPS Inventory record:**

*Pogogyne floribunda* Jokerst
profuse-flowered pogogyne

Lamiaceae

List 4

Lassen (LAS), Modoc (MOD), Shasta (SHA), Siskiyou (SIS), Tehama (TEH); Oregon (OR), Idaho (ID).

Vernal pools; elevation 945-1745 meters.

Annual herb, blooms May-Sep (Oct).