THE FLORA OF THE IDAHO NATIONAL ENGINEERING LABORATORY

The area covered by this flora includes all of the INEL, immediately adjacent foothills of the Lost River and Lemhi Ranges, and all of Big Southern Butte. The flora consists of 472 species of vascular plants in 59 families; 409 species occur on the INEL proper. Six subspecies and eight varieties are included herein, bringing the total number of recognized taxa to 486. The largest families are the:

- Asteraceae (sunflower family) with 82 species,
- Poaceae (grass family) with 49 species,
- Brassicaceae (mustard family) with 43 species,
- Fabaceae (pea or legume family) with 36 species.

The 472 species can be classified according to life history and growth form as follows:

**Life History:**
- 320 (67.8%) are perennials
- 137 (29.0%) are annuals
- 10 (2.1%) are biennials
- 5 (1.1%) are variable.

**Growth Form:**
- 354 (75.0%) are forbs
- 58 (12.3%) are graminoids (grasses/grass-like plants)
- 44 (9.3%) are shrubs
- 11 (2.3%) are trees
- 3 (0.6%) are succulents
- 1 (0.2%) is a climbing vine.

There are 403 (85.4%) native species, while 69 (14.6%) are introduced. Of the 403 native species,

- 301 (74.7%) are forbs
- 44 (10.9%) are shrubs
- 44 (10.9%) are graminoids
- 10 (2.5%) are trees
- 3 (0.7%) are succulents
- 1 (0.2%) is a climbing vine.

Of the 69 introduced species,

- 31 (44.9%) are annuals
- 54 (78.3%) are forbs
- 14 (20.3%) are grasses.


**Symbols**

Each species name in the plant list is preceded by a three or four letter code that indicates the origin, life history, and growth form of that species. The codes for the three columns are as follows:

<table>
<thead>
<tr>
<th>Origin</th>
<th>Life History</th>
<th>Growth Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>N = native</td>
<td>A = annual</td>
<td>F = forb</td>
</tr>
<tr>
<td>I = introduced</td>
<td>B = biennial</td>
<td>G = graminoid</td>
</tr>
<tr>
<td></td>
<td>P = perennial</td>
<td>S = shrub</td>
</tr>
<tr>
<td></td>
<td>V = variable</td>
<td>Sc = succulent</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cv = climbing vine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T = tree</td>
</tr>
</tbody>
</table>

An asterisk (*) indicates that the species is listed as a “sensitive species” (see RARE VASCULAR PLANTS, page 15 and Table 1, page 16).