Status of pika at historic northern Sierra sites

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**Issues**

- Few dozen documented localities, many old
- No trend studies
- Status unclear

**Questions**

- What historic pika localities exist in our area?
- Are pikas still present at these sites?
- Is there any pattern of persistence vs. elevation (temperature)?

*Although these questions address issues both of distribution (where) and trend (change), this is not a comprehensive distribution or population survey*
Methods

- Compile historic records
  - Museum specimens … online databases
  - Historic field notes
  - Other

- Revisit historic sites (> 25 years old), determine pika +/−
  - Survey protocol adapted from E. Beever, C. Ray
  - ‘find ‘em, you’re done;’ extensive searches if not found
Archival field notes include some records of "cony" sightings tied to detailed locations.
We have compiled ~23 historic pika localities from Alpine to Plumas counties. A few are close together, a few are vague as to location (e.g. "4 mi W of Donner Summit"). Most from ELD Co. (14), ALP (3). 19 from specimens, 4 from field notes. So far we have revisited/have recent info on 7-8.
<table>
<thead>
<tr>
<th>Site (Co.)</th>
<th>Elev.</th>
<th>Pika Sign</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Flatiron (PLU) (J.Perrine pers comm)</td>
<td>5400’</td>
<td>All types</td>
</tr>
<tr>
<td>2. Deadman (SIE)</td>
<td>6100’</td>
<td>fresh scat; ?call (1)</td>
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<tr>
<td>3. Donner Pass E side (PLA)</td>
<td>6800’</td>
<td>calls, fresh scat</td>
</tr>
<tr>
<td>4. Eagle Falls (ELD)</td>
<td>7000’</td>
<td>none</td>
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<tr>
<td>5. Lucille Lake (ELD)</td>
<td>8200’</td>
<td>2002 specimen, UCD MWFB</td>
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<tr>
<td>6. Echo Pk/Angora Saddle (ELD)</td>
<td>8700’</td>
<td>calls, fresh scat</td>
</tr>
<tr>
<td>7. Crater Lake (ALP)</td>
<td>8700’</td>
<td>All types</td>
</tr>
</tbody>
</table>
Subspecies questionable?

Mitochondrial DNA lineages:

Galbreath et al. 2009
J. Biogeography