Nutria Eradication Program Update

Field Update

Since March 2018, the nutria eradication efforts in California have:

- Completed full and/or rapid assessments on over 1.5 M acres
- Executed entry permits with 4,000 landowners
- Set up 4,700 camera stations (819 currently active)
  - Conducted 41,120 camera checks
- Confirmed nutria within > 500 sites
- Deployed over 6,000 trap sets for a total of 79,393 trap nights
- Taken or accounted for the take of 2,719 nutria (since Mar 2017)
  - Merced- 1,758
  - Stanislaus- 832
  - San Joaquin- 110*
  - Mariposa- 12
  - Fresno- 6
  - Madera- 1 (San Joaquin River; Fresno County line)

  *Corrected from 109; no additional take has occurred in SJ County since the three taken in Feb/Mar 2021

Of 2,615 necropsies, the data has shown:
- 1.11 sex ratio (M:F)
- Of the females captured:
  - 20% of juvenile (2-6 mos.) females have been pregnant
  - 61% of subadult (6-14 mos.) females have been pregnant
  - 65% of adult (>14 months of age) females have been pregnant
- 2,864 fetal nutria have been removed from the population
- Litter size ranged from 1-13, with an average of 5.8
  - Average litter size for adult females (> 14 mos.) in California is 6.4

Table 1. The total number of cells with nutria taken, total number of nutria taken, and average number of nutria taken per cell, by year from March 2017 to mid-September 2021.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total cells with nutria taken</th>
<th>Total # nutria taken</th>
<th>Average # nutria taken per cell</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>7</td>
<td>20</td>
<td>2.9</td>
</tr>
<tr>
<td>2018</td>
<td>57</td>
<td>348</td>
<td>6.1</td>
</tr>
<tr>
<td>2019</td>
<td>73</td>
<td>492</td>
<td>6.7</td>
</tr>
<tr>
<td>2020</td>
<td>157</td>
<td>1239</td>
<td>7.9</td>
</tr>
<tr>
<td>2021</td>
<td>126</td>
<td>608</td>
<td>4.8</td>
</tr>
<tr>
<td>Grand Total</td>
<td>319</td>
<td>2,707</td>
<td>8.5</td>
</tr>
</tbody>
</table>