**Table S1.** Data for species meeting our selection criteria. RPN = Recovery Priority Number.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Threats | Demography | listingChng | fiveYrRev | listingDate | statusCat | comboScore | RPN | RPNconflict |
| Alabama Cave Shrimp | -1 | -0.5 | E | 8/29/06 | 9/7/88 | No Change | -1.5 | 5 |  |
| Arroyo Toad | 0 | 1 | E-->T | 8/17/09 | 12/16/94 | Improve | 1 | 8 |  |
| Bay Checkerspot Butterfly | 0 | -1 | T-->E | 8/17/09 | 9/18/87 | Degrade | -1 | 3 | C |
| Black-Capped Vireo | 0.5 | 1 | E-->T | 7/26/07 | 10/6/87 | Improve | 1.5 | 8 |  |
| Bluetail Mole Skink | 0 | 0 | T | 8/2/07 | 11/6/87 | No Change | 0 | 3 | C |
| Borax Lake Chub | 0 | 0.5 | E-->T | 8/23/12 | 5/28/80 | Improve | 0.5 | 2 |  |
| CA Least Tern | 1 | 1 | E-->T | 9/26/06 | 6/2/70 | Improve | 2 | 15 | C |
| Chihuahua Chub | 0 | -1 | T-->E | 1/13/10 | 12/11/83 | Degrade | -1 | 5 |  |
| Chittenango Ovate Snail | -1 | -1 | T-->E | 11/1/11 | 8/2/78 | Degrade | -2 | 5 |  |
| Columbian White-Tailed Deer | 0.5 | 0 | E-->T | 11/5/13 | 3/11/67 | Improve | 0.5 | 9 |  |
| Copperbelly Water Snake | 0 | 0 | T-->E | 5/24/10 | 1/29/97 | Degrade | 0 | 3 | C |
| Delmarva Fox Squirrel | 1 | 1 | E-->R | 9/4/12 | 3/11/67 | Improve | 2 | 15 | C |
| Delta Green Ground Beetle | 0 | 0 | T | 2/4/09 | 8/8/80 | No Change | 0 | 8 |  |
| Delta Smelt | -0.5 | -1 | T-->E | 9/13/10 | 3/5/93 | Degrade | -1.5 | 2 | C |
| Dwarf Wedgemussel | 0 | 0.5 | E | 7/25/07 | 3/14/90 | No Change | -2 | 5 |  |
| Hawaiian Common Moorhen | 0 | 0 | E | 8/27/10 | 3/11/67 | No Change | 0 | 9 |  |
| Hawaiian Crow | -0.5 | 0 | E | 7/31/09 | 3/11/67 | No Change | -2 | 2 | C |
| Hawaiian Hawk | 0 | 0.5 | E-->R |  | 3/11/67 | Improve | 0.5 | 14 |  |
| Inyo Towhee | 1 | 1 | T-->R | 9/30/08 | 8/3/87 | Improve | 2 | 15 |  |
| Island Night Lizard | 1 | 0 | T-->R | 10/5/12 | 9/12/77 | Improve | 1 | 14 |  |
| Kirtlands Warbler | 1 | 1 | E-->T | 8/21/12 | 3/11/67 | Improve | 2 | 2 | C |
| Least Bells Vireo | 0.5 | 1 | E-->T | 9/26/06 | 5/2/86 | Improve | 1.5 | 9 | C |
| Least Tern | 0 | 1 | E-->R | 10/24/13 | 5/28/85 | Improve | 1 | 3 | C |
| Lesser Long-Nosed Bat | -1 | 1 | E-->T | 9/11/07 | 9/30/88 | Improve | 0 | 8 |  |
| Litte Colorado Spinedace | -1 | -1 | T-->E | 10/6/98 | 3/11/67 | Degrade | -2 | 5 | C |
| Lost River Sucker | 0.5 | -1 | E | 9/1/13 | 7/18/98 | No Change | -0.5 | 4 | C |
| Magazine Mountain Shagreen | 1 | 0 | T-->R |  | 4/17/89 | Improve | 1 | 8 |  |
| Modoc Sucker | 1 | 1 | E-->T/R | 8/17/09 | 6/11/85 | Improve | 2 | 14 |  |
| Morro Shoulderband Snail | 0.5 | 0.5 | E-->T | 9/11/06 | 12/15/94 | Improve | 1 | 2 | C |
| Myrtles Silverpot Butterfly | 0 | 0 | E | 2/4/09 | 6/22/92 | No Change | 0 | 9 |  |
| Newells Shearwater | 0 | -1 | T-->E | 9/27/11 | 10/28/75 | Degrade | -1 | 3 |  |
| Nihoa | 0 | 0 | E | 9/20/11 | 3/11/67 | No Change | 0 | 2 |  |
| Northeastern Beach Tiger Beetle | 0 | -1 | T-->E | 3/19/09 | 8/7/90 | Degrade | -1 | 6 |  |
| Ohlone Tiger Beetle | -0.5 | -1 | E | 11/13/09 | 10/3/01 | No Change | -1 | 2 |  |
| Oregon Silverspot Butterfly | 0 | -1 | T-->E | 1/3/12 | 7/2/80 | Degrade | -1 | 3 | C |
| Painted Snake Coiled Forest Snail | 0 | 0 | T | 1/16/08 | 8/2/78 | No Change | 0 | 8 | C |
| Puritan Tiger Beetle | -1 | -1 | T-->E | 6/13/07 | 8/7/90 | Degrade | -2 | 5 |  |
| Purple Cats Paw Pearlymussel | 0 | -1 | E | 9/24/10 | 7/10/90 | No Change | -1 | 6 |  |
| Smiths Blue Butterfly | 0 | -1 | E-->T | 9/26/06 | 6/8/76 | Improve | -1 | 9 | C |
| Snake River Physa Snail | 0.5 | 1 | E-->T | 5/23/14 | 12/14/92 | Improve | 1.5 | 5 | C |
| Southeastern Beach Mouse | 0 | -0.5 | T | 4/7/08 | 5/12/89 | No Change | -0.5 | 9 | C |
| Stephens Kangaroo Rat | 1 | -1 | E-->T | 7/22/11 | 9/30/88 | Improve | 0 | 11 |  |
| Tidewater Goby | 1 | 0.5 | E-->T | 9/28/07 | 2/4/94 | Improve | 1.5 | 7 | C |
| Topeka Shiner | 0.5 | 1 | E-->T | 1/22/10 | 12/15/98 | Improve | 1.5 | 8 | C |
| Uncompahgre Fritillary Butterfly | 1 | 1 | E-->T | 1/5/10 | 6/24/91 | Improve | 2 | 14 |  |
| Valley Elderberry Longhorn Beetle | 1 | 0.5 | T-->R | 9/26/06 | 8/8/80 | Improve | 1.5 | 2 |  |
| Virgin Islands Tree Boa | 1 | 1 | E-->T | 8/14/09 | 10/13/70 | Improve | 2 | 9 | C |
| Virginia Northern Flying Squirrel | 1 | 0 | E-->R | 5/19/06 | 7/1/87 | Improve | 1 | 15 |  |
| Waccamaw Silverslide | -1 | 0 | T | 2/8/11 | 4/8/87 | No Change | -1 | 8 |  |
| West Indian Manatee | 0.5 | 0.5 | E-->T | 4/6/07 | 3/11/67 | Improve | 1 | 5 | C |
| Wood Stork | 0 | 1 | E-->T | 9/21/07 | 2/28/84 | Improve | 1 | 5 | C |
| Yellow-Shouldered Blackbird | 0.5 | 1 | E | 2/2/11 | 12/12/76 | No Change | 1.5 | 2 |  |