

## 18.18 Supplemental Information

### **17 Environmental**

Title: Digital 395 Middle Mile  
Easy Grant ID: 5569

The following documents include:

1. Environmental Assessment Maps
2. Specie Accounts



**17 Environmental - Critical Habitats  
 Species Accounts**

| <b>cname</b>       | <b>sname</b>            | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocccsnt</b> | <b>nocccstot</b> | <b>cdfg</b> | <b>cnpslist</b> | <b>genhab</b>  |
|--------------------|-------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|-----------------|------------------|-------------|-----------------|--|
| northern goshawk   | Accipiter gentilis      | 113             | G5           | S3           | 7              | 5              | AB              | 4               | 427              | SC          |                 | WITHIN, AND IN VICINITY OF, CONIFEROUS FOREST. USES OLD NESTS, AND MAINTAINS ALTERNATE SITES.                          |
| northern goshawk   | Accipiter gentilis      | 237             | G5           | S3           | 7              | 5              | AB              | 4               | 427              | SC          |                 | WITHIN, AND IN VICINITY OF, CONIFEROUS FOREST. USES OLD NESTS, AND MAINTAINS ALTERNATE SITES.                          |
| northern goshawk   | Accipiter gentilis      | 239             | G5           | S3           | 7              | 5              | AB              | 4               | 427              | SC          |                 | WITHIN, AND IN VICINITY OF, CONIFEROUS FOREST. USES OLD NESTS, AND MAINTAINS ALTERNATE SITES.                          |
| northern goshawk   | Accipiter gentilis      | 241             | G5           | S3           | 7              | 5              | AB              | 4               | 427              | SC          |                 | WITHIN, AND IN VICINITY OF, CONIFEROUS FOREST. USES OLD NESTS, AND MAINTAINS ALTERNATE SITES.                          |
| coyote gilia       | Aliciella triodon       | 5               | G5           | S1.2         | 7              | 5              | PD              | 1               | 5                |             | 2.2             | GREAT BASIN SCRUB, PINYON AND JUNIPER WOODLAND.  |
| Yosemite toad      | Anaxyrus canorus        | 18              | G2           | S2           | 5              | 5              | AA              | 3               | 223              | SC          |                 | VICINITY OF WET MEADOWS IN CENTRAL HIGH SIERRA, 6400 TO 11,300 FEET IN ELEVATION.                                      |
| Yosemite toad      | Anaxyrus canorus        | 24              | G2           | S2           | 5              | 5              | AA              | 3               | 223              | SC          |                 | VICINITY OF WET MEADOWS IN CENTRAL HIGH SIERRA, 6400 TO 11,300 FEET IN ELEVATION.                                      |
| Yosemite toad      | Anaxyrus canorus        | 114             | G2           | S2           | 5              | 5              | AA              | 3               | 223              | SC          |                 | VICINITY OF WET MEADOWS IN CENTRAL HIGH SIERRA, 6400 TO 11,300 FEET IN ELEVATION.                                      |
| California floater | Anodonta californiensis | 2               | G3Q          | S2?          | 7              | 5              | IM              | 1               | 3                |             |                 | FRESHWATER LAKES AND SLOW-MOVING STREAMS AND RIVERS. TAXONOMY UNDER REVIEW BY SPECIALISTS.                             |
| pallid bat         | Antrozous pallidus      | 120             | G5           | S3           | 7              | 5              | AM              | 2               | 398              | SC          |                 | DESERTS, GRASSLANDS, SHRUBLANDS, WOODLANDS & FORESTS. MOST COMMON IN OPEN, DRY HABITATS WITH ROCKY AREAS FOR ROOSTING. |
| pallid bat         | Antrozous pallidus      | 211             | G5           | S3           | 7              | 5              | AM              | 2               | 398              | SC          |                 | DESERTS, GRASSLANDS, SHRUBLANDS, WOODLANDS & FORESTS. MOST COMMON IN OPEN, DRY HABITATS WITH ROCKY AREAS FOR ROOSTING. |

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| cname                    | sname                                      | ocnumber | grank | srnk | fedlist | callist | taxacode | nocscnt | nocstot | cdfg | cnplist | genhab   |
|--------------------------|--|----------|-------|------|---------|---------|----------|---------|---------|------|---------|--|
| golden eagle             | Aquila chrysaetos                          | 38       | G5    | S3   | 7       | 5       | AB       | 1       | 142     |      |         | ROLLING FOOTHILLS, MOUNTAIN AREAS,<br>SAGE-JUNIPER FLATS, & DESERT.          |
| pinyon rock-cress        | Arabis dispar                              | 16       | G3    | S2.3 | 7       | 5       | PD       | 1       | 24      |      | 2.3     | JOSHUA TREE WOODLAND, PINYON-<br>JUNIPER WOODLAND, MOJAVEAN DESERT<br>SCRUB. |
| stylose rock-cress       | Arabis fernaldiana var.<br>stylosa         | 1        | G4T3  | S2   | 7       | 5       | PD       | 1       | 1       |      | 3.3     | GREAT BASIN SCRUB.   |
| silver-leaved milk-vetch | Astragalus argophyllus var.<br>argophyllus | 1        | G5T4  | S1.2 | 7       | 5       | PD       | 5       | 9       |      | 2.2     | MEADOWS AND SEEPS, PLAYAS.   |
| silver-leaved milk-vetch | Astragalus argophyllus var.<br>argophyllus | 2        | G5T4  | S1.2 | 7       | 5       | PD       | 5       | 9       |      | 2.2     | MEADOWS AND SEEPS, PLAYAS.   |
| silver-leaved milk-vetch | Astragalus argophyllus var.<br>argophyllus | 4        | G5T4  | S1.2 | 7       | 5       | PD       | 5       | 9       |      | 2.2     | MEADOWS AND SEEPS, PLAYAS.   |
| silver-leaved milk-vetch | Astragalus argophyllus var.<br>argophyllus | 8        | G5T4  | S1.2 | 7       | 5       | PD       | 5       | 9       |      | 2.2     | MEADOWS AND SEEPS, PLAYAS.   |

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|--------------------------|---|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|-----------------|----------------------------|
| silver-leaved milk-vetch | Astragalus argophyllus var. argophyllus | 9               | G5T4         | S1.2         | 7              | 5              | PD              | 5              | 9              |             | 2.2             | MEADOWS AND SEEPS, PLAYAS. |
| Long Valley milk-vetch   | Astragalus johannis-howellii            | 2               | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2            | GREAT BASIN SCRUB.         |
| Long Valley milk-vetch   | Astragalus johannis-howellii            | 3               | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2            | GREAT BASIN SCRUB.         |
| Long Valley milk-vetch   | Astragalus johannis-howellii            | 5               | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2            | GREAT BASIN SCRUB.         |
| Long Valley milk-vetch   | Astragalus johannis-howellii            | 7               | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2            | GREAT BASIN SCRUB.         |
| Long Valley milk-vetch   | Astragalus johannis-howellii            | 8               | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2            | GREAT BASIN SCRUB.         |

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|------------------------|------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--------------------|
| Long Valley milk-vetch | Astragalus johannis-howellii | 9               | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |
| Long Valley milk-vetch | Astragalus johannis-howellii | 10              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |
| Long Valley milk-vetch | Astragalus johannis-howellii | 11              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |
| Long Valley milk-vetch | Astragalus johannis-howellii | 12              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |
| Long Valley milk-vetch | Astragalus johannis-howellii | 13              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |
| Long Valley milk-vetch | Astragalus johannis-howellii | 15              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |
| Long Valley milk-vetch | Astragalus johannis-howellii | 16              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB. |

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|------------------------|------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Long Valley milk-vetch | Astragalus johannis-howellii | 17              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB.   |
| Long Valley milk-vetch | Astragalus johannis-howellii | 19              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB.   |
| Long Valley milk-vetch | Astragalus johannis-howellii | 20              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB.   |
| Long Valley milk-vetch | Astragalus johannis-howellii | 21              | G2           | S2.2         | 7              | 3              | PD              | 16             | 19             |             | 1B.2           | GREAT BASIN SCRUB.   |
| Lemmon's milk-vetch    | Astragalus lemmonii          | 1               | G3?          | S2.2         | 7              | 5              | PD              | 5              | 13             |             | 1B.2           | GREAT BASIN SCRUB, MEADOWS AND<br>SEEPS, MARSHES AND SWAMPS. |
| Lemmon's milk-vetch    | Astragalus lemmonii          | 2               | G3?          | S2.2         | 7              | 5              | PD              | 5              | 13             |             | 1B.2           | GREAT BASIN SCRUB, MEADOWS AND<br>SEEPS, MARSHES AND SWAMPS. |
| Lemmon's milk-vetch    | Astragalus lemmonii          | 3               | G3?          | S2.2         | 7              | 5              | PD              | 5              | 13             |             | 1B.2           | GREAT BASIN SCRUB, MEADOWS AND<br>SEEPS, MARSHES AND SWAMPS. |

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|------------------------|--|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|-----------------|---|
| Lemmon's milk-vetch    | Astragalus lemmonii                      | 4               | G3?          | S2.2         | 7              | 5              | PD              | 5              | 13             |             | 1B.2            | GREAT BASIN SCRUB, MEADOWS AND SEEPS, MARSHES AND SWAMPS. |
| Lemmon's milk-vetch    | Astragalus lemmonii                      | 9               | G3?          | S2.2         | 7              | 5              | PD              | 5              | 13             |             | 1B.2            | GREAT BASIN SCRUB, MEADOWS AND SEEPS, MARSHES AND SWAMPS. |
| Fish Slough milk-vetch | Astragalus lentiginosus var. piscinensis | 3               | G5T1         | S1.1         | 2              | 5              | PD              | 3              | 4              |             | 1B.1            | MEADOWS, PLAYAS.  |
| Fish Slough milk-vetch | Astragalus lentiginosus var. piscinensis | 4               | G5T1         | S1.1         | 2              | 5              | PD              | 3              | 4              |             | 1B.1            | MEADOWS, PLAYAS.  |
| Fish Slough milk-vetch | Astragalus lentiginosus var. piscinensis | 5               | G5T1         | S1.1         | 2              | 5              | PD              | 3              | 4              |             | 1B.1            | MEADOWS, PLAYAS.  |
| Mono milk-vetch        | Astragalus monoensis                     | 8               | G2           | S2.2         | 7              | 3              | PD              | 3              | 22             |             | 1B.2            | GREAT BASIN SCRUB, UPPER MONTANE CONIFEROUS FOREST.       |



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|-----------------------|------------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Mono milk-vetch       | Astragalus monoensis               | 12              | G2           | S2.2         | 7              | 3              | PD              | 3              | 22             |             | 1B.2           | GREAT BASIN SCRUB, UPPER MONTANE CONIFEROUS FOREST.  |
| Mono milk-vetch       | Astragalus monoensis               | 13              | G2           | S2.2         | 7              | 3              | PD              | 3              | 22             |             | 1B.2           | GREAT BASIN SCRUB, UPPER MONTANE CONIFEROUS FOREST.  |
| Shockley's milk-vetch | Astragalus serenoii var. shockleyi | 13              | G4T3         | S2?          | 7              | 5              | PD              | 1              | 13             |             | 2.2            | CHENOPOD SCRUB, PINYON AND JUNIPER WOODLAND, GREAT BASIN SCRUB.  |
| burrowing owl         | Athene cunicularia                 | 566             | G4           | S2           | 7              | 5              | AB              | 1              | 1179           | SC          |                | OPEN, DRY ANNUAL OR PERENIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION. |
| smooth saltbush       | Atriplex pusilla                   | 1               | G5           | S1           | 7              | 5              | PD              | 1              | 1              |             | 2              | GREAT BASIN SCRUB, MEADOWS AND SEEPS.  |
| upswept moonwort      | Botrychium ascendens               | 13              | G2G3         | S1.3?        | 7              | 5              | PP              | 2              | 19             |             | 2.3            | LOWER MONTANE CONIFEROUS FOREST.   |
| upswept moonwort      | Botrychium ascendens               | 14              | G2G3         | S1.3?        | 7              | 5              | PP              | 2              | 19             |             | 2.3            | LOWER MONTANE CONIFEROUS FOREST.   |

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|------------------------|-----------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|-----------------|--|
| scalloped moonwort     | Botrychium crenulatum | 31              | G3           | S2.2         | 7              | 5              | PP              | 2              | 39             |             | 2.2             | BOGS AND FENS, MEADOWS, LOWER MONTANE CONIFEROUS FOREST, FRESHWATER MARSH.   |
| scalloped moonwort     | Botrychium crenulatum | 32              | G3           | S2.2         | 7              | 5              | PP              | 2              | 39             |             | 2.2             | BOGS AND FENS, MEADOWS, LOWER MONTANE CONIFEROUS FOREST, FRESHWATER MARSH.   |
| Swainson's hawk        | Buteo swainsoni       | 256             | G5           | S2           | 7              | 2              | AB              | 5              | 1677           |             |                 | BREEDS IN GRASSLANDS WITH WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH |
| Swainson's hawk        | Buteo swainsoni       | 289             | G5           | S2           | 7              | 2              | AB              | 5              | 1677           |             |                 | BREEDS IN GRASSLANDS WITH WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH |
| Swainson's hawk        | Buteo swainsoni       | 1246            | G5           | S2           | 7              | 2              | AB              | 5              | 1677           |             |                 | BREEDS IN GRASSLANDS WITH WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH |
| Swainson's hawk        | Buteo swainsoni       | 1247            | G5           | S2           | 7              | 2              | AB              | 5              | 1677           |             |                 | BREEDS IN GRASSLANDS WITH WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH |
| Swainson's hawk        | Buteo swainsoni       | 1248            | G5           | S2           | 7              | 2              | AB              | 5              | 1677           |             |                 | BREEDS IN GRASSLANDS WITH WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH |
| Inyo County star-tulip | Calochortus excavatus | 1               | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1            | CHENOPOD SCRUB, MEADOWS (ALKALINE).  |

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|------------------------|-----------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|-------------------------------------|
| Inyo County star-tulip | Calochortus excavatus | 2               | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 5               | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 6               | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 15              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 19              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 22              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |

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|------------------------|-----------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|-------------------------------------|
| Inyo County star-tulip | Calochortus excavatus | 33              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 34              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 36              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 44              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 48              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 49              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |
| Inyo County star-tulip | Calochortus excavatus | 50              | G3           | S3.1         | 7              | 5              | PM              | 18             | 67             |             | 1B.1           | CHENOPOD SCRUB, MEADOWS (ALKALINE). |

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| cname                          | sname                              | ocnumber | grank  | srank | fedlist | callist | taxacode | nocscnt | nocstot | cdfg | cnplist | genhab   |
|--------------------------------|------------------------------------|----------|--------|-------|---------|---------|----------|---------|---------|------|---------|--|
| Inyo County star-tulip         | Calochortus excavatus              | 68       | G3     | S3.1  | 7       | 5       | PM       | 18      | 67      |      | 1B.1    | CHENOPOD SCRUB, MEADOWS (ALKALINE).  |
| Inyo County star-tulip         | Calochortus excavatus              | 69       | G3     | S3.1  | 7       | 5       | PM       | 18      | 67      |      | 1B.1    | CHENOPOD SCRUB, MEADOWS (ALKALINE).  |
| Inyo County star-tulip         | Calochortus excavatus              | 70       | G3     | S3.1  | 7       | 5       | PM       | 18      | 67      |      | 1B.1    | CHENOPOD SCRUB, MEADOWS (ALKALINE).  |
| Inyo County star-tulip         | Calochortus excavatus              | 73       | G3     | S3.1  | 7       | 5       | PM       | 18      | 67      |      | 1B.1    | CHENOPOD SCRUB, MEADOWS (ALKALINE).  |
| Booth's hairy evening-primrose | Camissonia boothii ssp. intermedia | 9        | G5T3T4 | S2.3  | 7       | 5       | PD       | 1       | 15      |      | 2.3     | GREAT BASIN SCRUB, PINYON-JUNIPER WOODLAND.  |
| Owens sucker                   | Catostomus fumeiventris            | 1        | G3     | S3    | 7       | 5       | AF       | 15      | 19      | SC   |         | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker                   | Catostomus fumeiventris            | 2        | G3     | S3    | 7       | 5       | AF       | 15      | 19      | SC   |         | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker                   | Catostomus fumeiventris            | 3        | G3     | S3    | 7       | 5       | AF       | 15      | 19      | SC   |         | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |

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| <b>cname</b> | <b>sname</b>            | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>noccsct</b> | <b>noccostot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>  |
|--------------|-------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|------------------|-------------|----------------|--|
| Owens sucker | Catostomus fumeiventris | 5               | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker | Catostomus fumeiventris | 6               | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker | Catostomus fumeiventris | 7               | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker | Catostomus fumeiventris | 8               | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker | Catostomus fumeiventris | 10              | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker | Catostomus fumeiventris | 11              | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker | Catostomus fumeiventris | 12              | G3           | S3           | 7              | 5              | AF              | 15             | 19               | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |

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| <b>cname</b>             | <b>sname</b>              | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>  |
|--------------------------|---------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Owens sucker             | Catostomus fumeiventris   | 13              | G3           | S3           | 7              | 5              | AF              | 15             | 19             | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker             | Catostomus fumeiventris   | 16              | G3           | S3           | 7              | 5              | AF              | 15             | 19             | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker             | Catostomus fumeiventris   | 17              | G3           | S3           | 7              | 5              | AF              | 15             | 19             | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker             | Catostomus fumeiventris   | 18              | G3           | S3           | 7              | 5              | AF              | 15             | 19             | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| Owens sucker             | Catostomus fumeiventris   | 19              | G3           | S3           | 7              | 5              | AF              | 15             | 19             | SC          |                | ENDEMIC TO THE OWENS RIVER DRAINAGE. IN ITS NATIVE RIVER HABITAT IT IS MOST COMMON IN AREAS WITH LONG RUNS & FEW RIFFLES |
| greater sage-grouse      | Centrocercus urophasianus | 32              | G4           | S3           | 7              | 5              | AB              | 1              | 49             | SC          |                | FOUND IN THE NORTHEASTERN, GREAT BASIN PORTION OF STATE.   |
| northern harrier         | Circus cyaneus            | 22              | G5           | S3           | 7              | 5              | AB              | 1              | 42             | SC          |                | COASTAL SALT & FRESH-WATER MARSH. NEST & FORAGE IN GRASSLANDS, FROM SALT GRASS IN DESERT SINK TO MOUNTAIN CIENAGAS.      |
| Townsend's big-eared bat | Corynorhinus townsendii   | 19              | G4           | S2S3         | 7              | 5              | AM              | 4              | 234            | SC          |                | THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES.   |

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| <b>cname</b>             | <b>sname</b>                               | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>noccsct</b> | <b>noccostot</b> | <b>cdfg</b> | <b>cnpslist</b> | <b>genhab</b>  |
|--------------------------|--|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|------------------|-------------|-----------------|--|
| Townsend's big-eared bat | <i>Corynorhinus townsendii</i>             | 79              | G4           | S2S3         | 7              | 5              | AM              | 4              | 234              | SC          |                 | THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES. |
| Townsend's big-eared bat | <i>Corynorhinus townsendii</i>             | 173             | G4           | S2S3         | 7              | 5              | AM              | 4              | 234              | SC          |                 | THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES. |
| Townsend's big-eared bat | <i>Corynorhinus townsendii</i>             | 175             | G4           | S2S3         | 7              | 5              | AM              | 4              | 234              | SC          |                 | THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES. |
| Hall's meadow hawksbeard | <i>Crepis runcinata</i> ssp. <i>hallii</i> | 3               | G5T3?        | S2?          | 7              | 5              | PD              | 5              | 13               |             | 2.1             | MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.                                  |
| Hall's meadow hawksbeard | <i>Crepis runcinata</i> ssp. <i>hallii</i> | 4               | G5T3?        | S2?          | 7              | 5              | PD              | 5              | 13               |             | 2.1             | MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.                                  |
| Hall's meadow hawksbeard | <i>Crepis runcinata</i> ssp. <i>hallii</i> | 5               | G5T3?        | S2?          | 7              | 5              | PD              | 5              | 13               |             | 2.1             | MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.                                  |
| Hall's meadow hawksbeard | <i>Crepis runcinata</i> ssp. <i>hallii</i> | 6               | G5T3?        | S2?          | 7              | 5              | PD              | 5              | 13               |             | 2.1             | MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.                                  |
| Hall's meadow hawksbeard | <i>Crepis runcinata</i> ssp. <i>hallii</i> | 7               | G5T3?        | S2?          | 7              | 5              | PD              | 5              | 13               |             | 2.1             | MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.                                  |
| Owens pupfish            | <i>Cyprinodon radiosus</i>                 | 2               | G1           | S1           | 1              | 1              | AF              | 8              | 17               |             |                 | SHALLOW WATER HABITATS IN THE OWENS VALLEY.                                      |



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| <b>cname</b>  | <b>sname</b>        | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>                               |
|---------------|---------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---|
| Owens pupfish | Cyprinodon radiosus | 3               | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |
| Owens pupfish | Cyprinodon radiosus | 6               | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |
| Owens pupfish | Cyprinodon radiosus | 7               | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |
| Owens pupfish | Cyprinodon radiosus | 9               | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |
| Owens pupfish | Cyprinodon radiosus | 10              | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |
| Owens pupfish | Cyprinodon radiosus | 12              | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |
| Owens pupfish | Cyprinodon radiosus | 13              | G1           | S1           | 1              | 1              | AF              | 8              | 17             |             |                | SHALLOW WATER HABITATS IN THE OWENS VALLEY. |

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| <b>cname</b> | <b>sname</b>          | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>          |
|--------------|-----------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|------------------------|
| July gold    | Dedeckera eurekaensis | 6               | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |
| July gold    | Dedeckera eurekaensis | 8               | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |
| July gold    | Dedeckera eurekaensis | 9               | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |
| July gold    | Dedeckera eurekaensis | 15              | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |
| July gold    | Dedeckera eurekaensis | 18              | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |
| July gold    | Dedeckera eurekaensis | 19              | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |
| July gold    | Dedeckera eurekaensis | 20              | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB. |

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| <b>cname</b>                  | <b>sname</b>                          | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>   |
|-------------------------------|---------------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---|
| July gold                     | Dedeckera eurekaensis                 | 21              | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB.  |
| July gold                     | Dedeckera eurekaensis                 | 26              | G2           | S2.2         | 7              | 3              | PD              | 9              | 25             |             | 1B.3           | MOJAVEAN DESERT SCRUB.  |
| canescent draba               | Draba breweri var. cana               | 6               | G5T5         | S1.3         | 7              | 5              | PD              | 3              | 8              |             | 2.3            | ALPINE BOULDER AND ROCK FIELD,<br>MEADOWS, SUBALPINE CONIFEROUS<br>FOREST.  |
| canescent draba               | Draba breweri var. cana               | 7               | G5T5         | S1.3         | 7              | 5              | PD              | 3              | 8              |             | 2.3            | ALPINE BOULDER AND ROCK FIELD,<br>MEADOWS, SUBALPINE CONIFEROUS<br>FOREST.  |
| canescent draba               | Draba breweri var. cana               | 8               | G5T5         | S1.3         | 7              | 5              | PD              | 3              | 8              |             | 2.3            | ALPINE BOULDER AND ROCK FIELD,<br>MEADOWS, SUBALPINE CONIFEROUS<br>FOREST.  |
| Sweetwater Mountains<br>draba | Draba incrassata                      | 1               | G3           | S3.3         | 7              | 5              | PD              | 1              | 16             |             | 1B.3           | ALPINE BOULDER AND ROCK FIELD.  |
| spear-fruited draba           | Draba lonchocarpa var.<br>lonchocarpa | 1               | G5T5         | S1.3         | 7              | 5              | PD              | 1              | 2              |             | 2.3            | ALPINE BOULDER AND ROCK FIELDS.   |
| tall draba                    | Draba praealta                        | 4               | G5           | S2.3         | 7              | 5              | PD              | 1              | 7              |             | 2.3            | MEADOWS AND SEEPS.  |
| Panamint alligator lizard     | Elgaria panamintina                   | 11              | G1G2         | S1S2         | 7              | 5              | AR              | 2              | 13             | SC          |                | FOUND IN THE WHITE & INYO MTNS TO THE<br>NORTH & WEST, & THE PANAMINT MTNS TO<br>THE SOUTH & EAST; 2800-6800 FT ELEV. |

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|--------------------------------|----------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Panamint alligator lizard      | Elgaria panamintina        | 13              | G1G2         | S1S2         | 7              | 5              | AR              | 2              | 13             | SC          |                | FOUND IN THE WHITE & INYO MTNS TO THE NORTH & WEST, & THE PANAMINT MTNS TO THE SOUTH & EAST; 2800-6800 FT ELEV.        |
| Scribner's wheat grass         | Elymus scribneri           | 1               | G5           | S2?          | 7              | 5              | PM              | 1              | 2              |             | 2.3            | ALPINE BOULDER AND ROCK FIELD.   |
| willow flycatcher              | Empidonax traillii         | 19              | G5           | S1S2         | 7              | 1              | AB              | 3              | 91             |             |                | INHABITS EXTENSIVE THICKETS OF LOW, DENSE WILLOWS ON EDGE OF WET MEADOWS, PONDS, OR BACKWATERS; 2000-8000 FT ELEVATION |
| willow flycatcher              | Empidonax traillii         | 145             | G5           | S1S2         | 7              | 1              | AB              | 3              | 91             |             |                | INHABITS EXTENSIVE THICKETS OF LOW, DENSE WILLOWS ON EDGE OF WET MEADOWS, PONDS, OR BACKWATERS; 2000-8000 FT ELEVATION |
| willow flycatcher              | Empidonax traillii         | 146             | G5           | S1S2         | 7              | 1              | AB              | 3              | 91             |             |                | INHABITS EXTENSIVE THICKETS OF LOW, DENSE WILLOWS ON EDGE OF WET MEADOWS, PONDS, OR BACKWATERS; 2000-8000 FT ELEVATION |
| southwestern willow flycatcher | Empidonax traillii extimus | 52              | G5T1T2       | S1           | 1              | 1              | AB              | 1              | 54             |             |                | RIPARIAN WOODLANDS IN SOUTHERN CALIFORNIA.   |
| spotted bat                    | Euderma maculatum          | 56              | G4           | S2S3         | 7              | 5              | AM              | 2              | 68             | SC          |                | OCCUPIES A WIDE VARIETY OF HABITATS FROM ARID DESERTS AND GRASSLANDS THROUGH MIXED CONIFER FORESTS.                    |
| spotted bat                    | Euderma maculatum          | 63              | G4           | S2S3         | 7              | 5              | AM              | 2              | 68             | SC          |                | OCCUPIES A WIDE VARIETY OF HABITATS FROM ARID DESERTS AND GRASSLANDS THROUGH MIXED CONIFER FORESTS.                    |

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| cname                    | sname                  | ocnumber | grank | srank | fedlist | callist | taxacode | nocscnt | nocstot | cdfg | cnplist | genhab   |
|--------------------------|------------------------|----------|-------|-------|---------|---------|----------|---------|---------|------|---------|--|
| prairie falcon           | Falco mexicanus        | 236      | G5    | S3    | 7       | 5       | AB       | 4       | 456     |      |         | INHABITS DRY, OPEN TERRAIN, EITHER LEVEL OR HILLY.         |
| prairie falcon           | Falco mexicanus        | 237      | G5    | S3    | 7       | 5       | AB       | 4       | 456     |      |         | INHABITS DRY, OPEN TERRAIN, EITHER LEVEL OR HILLY.         |
| prairie falcon           | Falco mexicanus        | 268      | G5    | S3    | 7       | 5       | AB       | 4       | 456     |      |         | INHABITS DRY, OPEN TERRAIN, EITHER LEVEL OR HILLY.         |
| prairie falcon           | Falco mexicanus        | 424      | G5    | S3    | 7       | 5       | AB       | 4       | 456     |      |         | INHABITS DRY, OPEN TERRAIN, EITHER LEVEL OR HILLY.         |
| hot springs fimbristylis | Fimbristylis thermalis | 2        | G4    | S2.2  | 7       | 5       | PM       | 4       | 13      |      | 2.2     | MEADOWS (ALKALINE).  |
| hot springs fimbristylis | Fimbristylis thermalis | 3        | G4    | S2.2  | 7       | 5       | PM       | 4       | 13      |      | 2.2     | MEADOWS (ALKALINE).  |
| hot springs fimbristylis | Fimbristylis thermalis | 6        | G4    | S2.2  | 7       | 5       | PM       | 4       | 13      |      | 2.2     | MEADOWS (ALKALINE).  |
| hot springs fimbristylis | Fimbristylis thermalis | 7        | G4    | S2.2  | 7       | 5       | PM       | 4       | 13      |      | 2.2     | MEADOWS (ALKALINE).  |
| Owens tui chub           | Gila bicolor snyderi   | 1        | G4T1  | S1    | 1       | 1       | AF       | 12      | 18      |      |         | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub           | Gila bicolor snyderi   | 2        | G4T1  | S1    | 1       | 1       | AF       | 12      | 18      |      |         | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub           | Gila bicolor snyderi   | 3        | G4T1  | S1    | 1       | 1       | AF       | 12      | 18      |      |         | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |

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| <b>cname</b>   | <b>sname</b>         | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>  |
|----------------|----------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Owens tui chub | Gila bicolor snyderi | 5               | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 7               | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 9               | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 10              | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 11              | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 14              | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 16              | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |
| Owens tui chub | Gila bicolor snyderi | 17              | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS. |

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| <b>cname</b>                        | <b>sname</b>                         | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>   |
|-------------------------------------|--------------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---|
| Owens tui chub                      | <i>Gila bicolor snyderi</i>          | 19              | G4T1         | S1           | 1              | 1              | AF              | 12             | 18             |             |                | ENDEMIC TO THE OWENS RIVER BASIN IN A VARIETY OF HABITATS.  |
| California wolverine                | <i>Gulo gulo</i>                     | 65              | G4           | S2           | 7              | 2              | AM              | 1              | 157            |             |                | FOUND IN THE NORTH COAST MOUNTAINS AND THE SIERRA NEVADA. FOUND IN A WIDE VARIETY OF HIGH ELEVATION HABITATS. |
| Blandow's bog moss                  | <i>Helodium blandowii</i>            | 4               | G5           | S1.3         | 7              | 5              | NB              | 1              | 6              |             | 2.3            | MEADOWS AND SEEPS, BOGS AND FENS, SUBALPINE CONIFEROUS FOREST.  |
| Inyo hulsea                         | <i>Hulsea vestita ssp. inyoensis</i> | 1               | G5T2T3       | S1.2         | 7              | 5              | PD              | 1              | 9              |             | 2.2            | PINYON-JUNIPER WOODLAND, GREAT BASIN SCRUB.   |
| travertine band-thigh diving beetle | <i>Hygrotus fontinalis</i>           | 3               | G1           | S1           | 7              | 5              | II              | 1              | 4              |             |                | AQUATIC; OCCURS IN THE RUN-OFF POOLS FROM HOT SPRINGS IN A LIMESTONE OUTCROP.                                 |
| alkali ivesia                       | <i>Ivesia kingii var. kingii</i>     | 1               | G4T3Q        | S2           | 7              | 5              | PD              | 8              | 11             |             | 2.2            | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| alkali ivesia                       | <i>Ivesia kingii var. kingii</i>     | 2               | G4T3Q        | S2           | 7              | 5              | PD              | 8              | 11             |             | 2.2            | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| alkali ivesia                       | <i>Ivesia kingii var. kingii</i>     | 5               | G4T3Q        | S2           | 7              | 5              | PD              | 8              | 11             |             | 2.2            | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |

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| cname                              | sname                          | ocnumber | grank | srank | fedlist | callist | taxacode | nocscnt | nocstot | cdfg | cnplist | genhab  |
|------------------------------------|--------------------------------|----------|-------|-------|---------|---------|----------|---------|---------|------|---------|---|
| alkali ivesia                      | Ivesia kingii var. kingii      | 6        | G4T3Q | S2    | 7       | 5       | PD       | 8       | 11      |      | 2.2     | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| alkali ivesia                      | Ivesia kingii var. kingii      | 7        | G4T3Q | S2    | 7       | 5       | PD       | 8       | 11      |      | 2.2     | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| alkali ivesia                      | Ivesia kingii var. kingii      | 8        | G4T3Q | S2    | 7       | 5       | PD       | 8       | 11      |      | 2.2     | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| alkali ivesia                      | Ivesia kingii var. kingii      | 9        | G4T3Q | S2    | 7       | 5       | PD       | 8       | 11      |      | 2.2     | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| alkali ivesia                      | Ivesia kingii var. kingii      | 10       | G4T3Q | S2    | 7       | 5       | PD       | 8       | 11      |      | 2.2     | MEADOWS, GREAT BASIN SCRUB, PLAYAS.   |
| seep kobresia                      | Kobresia bellardii             | 1        | G5    | S1.3  | 7       | 5       | PM       | 1       | 1       |      | 2.3     | ALPINE BOULDER AND ROCK FIELD (MESIC),<br>MEADOWS, SUBALPINE CONIFEROUS<br>FOREST.  |
| silver-haired bat                  | Lasionycteris noctivagans      | 41       | G5    | S3S4  | 7       | 5       | AM       | 1       | 138     |      |         | PRIMARILY A COASTAL & MONTANE FOREST<br>DWELLER FEEDING OVER STREAMS, PONDS<br>& OPEN BRUSHY AREAS.                             |
| hoary bat                          | Lasiurus cinereus              | 7        | G5    | S4?   | 7       | 5       | AM       | 1       | 235     |      |         | PREFERS OPEN HABITATS OR HABITAT<br>MOSAICS, WITH ACCESS TO TREES FOR<br>COVER & OPEN AREAS OR HABITAT EDGES<br>FOR FEEDING.    |
| western white-tailed<br>jackrabbit | Lepus townsendii<br>townsendii | 3        | G5T5  | S3?   | 7       | 5       | AM       | 1       | 23      | SC   |         | SAGEBRUSH, SUBALPINE CONIFER,<br>JUNIPER, ALPINE DWARF SHRUB &<br>PERENNIAL GRASSLAND.  |
| northern leopard frog              | Lithobates pipiens             | 1        | G5    | S2    | 7       | 5       | AA       | 4       | 22      | SC   |         | NATIVE RANGE IS EAST OF SIERRA NEVADA-<br>CASCADE CREST. NEAR PERMANENT OR<br>SEMI-PERMANENT WATER IN A VARIETY OF<br>HABITATS. |



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| cname                 | sname                          | ocnumber | grank  | srank | fedlist | callist | taxacode | nocscnt | nocstot | cdfg | cnplist | genhab  |
|-----------------------|--------------------------------|----------|--------|-------|---------|---------|----------|---------|---------|------|---------|---|
| northern leopard frog | Lithobates pipiens             | 4        | G5     | S2    | 7       | 5       | AA       | 4       | 22      | SC   |         | NATIVE RANGE IS EAST OF SIERRA NEVADA-CASCADE CREST. NEAR PERMANENT OR SEMI-PERMANENT WATER IN A VARIETY OF HABITATS. |
| northern leopard frog | Lithobates pipiens             | 12       | G5     | S2    | 7       | 5       | AA       | 4       | 22      | SC   |         | NATIVE RANGE IS EAST OF SIERRA NEVADA-CASCADE CREST. NEAR PERMANENT OR SEMI-PERMANENT WATER IN A VARIETY OF HABITATS. |
| northern leopard frog | Lithobates pipiens             | 20       | G5     | S2    | 7       | 5       | AA       | 4       | 22      | SC   |         | NATIVE RANGE IS EAST OF SIERRA NEVADA-CASCADE CREST. NEAR PERMANENT OR SEMI-PERMANENT WATER IN A VARIETY OF HABITATS. |
| Sierra marten         | Martes americana sierrae       | 162      | G5T3T4 | S3S4  | 7       | 5       | AM       | 2       | 110     |      |         | MIXED EVERGREEN FORESTS WITH MORE THAN 40% CROWN CLOSURE ALONG SIERRA NEVADA & CASCADE MTNS.                          |
| Sierra marten         | Martes americana sierrae       | 164      | G5T3T4 | S3S4  | 7       | 5       | AM       | 2       | 110     |      |         | MIXED EVERGREEN FORESTS WITH MORE THAN 40% CROWN CLOSURE ALONG SIERRA NEVADA & CASCADE MTNS.                          |
| Pacific fisher        | Martes pennanti (pacifica) DPS | 87       | G5     | S2S3  | 5       | 8       | AM       | 1       | 535     | SC   |         | INTERMEDIATE TO LARGE-TREE STAGES OF CONIFEROUS FORESTS & DECIDUOUS-RIPARIAN AREAS WITH HIGH PERCENT CANOPY CLOSURE.  |
| Torrey's blazing star | Mentzelia torreyi              | 3        | G4     | S2.2  | 7       | 5       | PD       | 3       | 8       |      | 2.2     | GREAT BASIN SCRUB, MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.  |
| Torrey's blazing star | Mentzelia torreyi              | 4        | G4     | S2.2  | 7       | 5       | PD       | 3       | 8       |      | 2.2     | GREAT BASIN SCRUB, MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.  |
| Torrey's blazing star | Mentzelia torreyi              | 5        | G4     | S2.2  | 7       | 5       | PD       | 3       | 8       |      | 2.2     | GREAT BASIN SCRUB, MOJAVEAN DESERT SCRUB, PINYON-JUNIPER WOODLAND.  |

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| cname                       | sname                           | ocnumber | grank | srank | fedlist | callist | taxacode | nocccsnt | nocccstot | cdfg | cnpslist | genhab   |
|-----------------------------|---------------------------------|----------|-------|-------|---------|---------|----------|----------|-----------|------|----------|--|
| dwarf monolepis             | Micromonolepis pusilla          | 3        | G5    | S2.3  | 7       | 5       | PD       | 1        | 6         |      | 2.3      | GREAT BASIN SCRUB.   |
| Owens Valley vole           | Microtus californicus vallicola | 3        | G5T1  | S1    | 7       | 5       | AM       | 4        | 14        | SC   |          | FOUND IN WETLANDS AND LUSH GRASSY GROUND IN THE OWENS VALLEY.  |
| Owens Valley vole           | Microtus californicus vallicola | 5        | G5T1  | S1    | 7       | 5       | AM       | 4        | 14        | SC   |          | FOUND IN WETLANDS AND LUSH GRASSY GROUND IN THE OWENS VALLEY.  |
| Owens Valley vole           | Microtus californicus vallicola | 8        | G5T1  | S1    | 7       | 5       | AM       | 4        | 14        | SC   |          | FOUND IN WETLANDS AND LUSH GRASSY GROUND IN THE OWENS VALLEY.  |
| Owens Valley vole           | Microtus californicus vallicola | 16       | G5T1  | S1    | 7       | 5       | AM       | 4        | 14        | SC   |          | FOUND IN WETLANDS AND LUSH GRASSY GROUND IN THE OWENS VALLEY.  |
| western small-footed myotis | Myotis ciliolabrum              | 12       | G5    | S2S3  | 7       | 5       | AM       | 4        | 81        |      |          | WIDE RANGE OF HABITATS MOSTLY ARID WOODED & BRUSHY UPLANDS NEAR WATER. SEEKS COVER IN CAVES, BUILDINGS, MINES & CREVICES |
| western small-footed myotis | Myotis ciliolabrum              | 13       | G5    | S2S3  | 7       | 5       | AM       | 4        | 81        |      |          | WIDE RANGE OF HABITATS MOSTLY ARID WOODED & BRUSHY UPLANDS NEAR WATER. SEEKS COVER IN CAVES, BUILDINGS, MINES & CREVICES |
| western small-footed myotis | Myotis ciliolabrum              | 14       | G5    | S2S3  | 7       | 5       | AM       | 4        | 81        |      |          | WIDE RANGE OF HABITATS MOSTLY ARID WOODED & BRUSHY UPLANDS NEAR WATER. SEEKS COVER IN CAVES, BUILDINGS, MINES & CREVICES |
| western small-footed myotis | Myotis ciliolabrum              | 15       | G5    | S2S3  | 7       | 5       | AM       | 4        | 81        |      |          | WIDE RANGE OF HABITATS MOSTLY ARID WOODED & BRUSHY UPLANDS NEAR WATER. SEEKS COVER IN CAVES, BUILDINGS, MINES & CREVICES |
| long-legged myotis          | Myotis volans                   | 14       | G5    | S4?   | 7       | 5       | AM       | 1        | 113       |      |          | MOST COMMON IN WOODLAND & FOREST HABITATS ABOVE 4000 FT. TREES ARE IMPORTANT DAY ROOSTS; CAVES & MINES ARE NIGHT ROOSTS. |

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| <b>cname</b>             | <b>sname</b>                     | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfig</b> | <b>cnpslist</b> | <b>genhab</b>   |
|--------------------------|----------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|--------------|-----------------|---|
| Lahontan cutthroat trout | Oncorhynchus clarkii<br>henshawi | 1               | G4T3         | S2           | 2              | 5              | AF              | 1              | 27             |              |                 | HISTORICALLY IN ALL ACCESSIBLE COLD WATERS OF THE LAHONTON BASIN IN A WIDE VARIETY OF WATER TEMPS & CONDITIONS. |
| Nevada oryctes           | Oryctes nevadensis               | 1               | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |              | 2.1             | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB.  |
| Nevada oryctes           | Oryctes nevadensis               | 20              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |              | 2.1             | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB.  |
| Nevada oryctes           | Oryctes nevadensis               | 21              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |              | 2.1             | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB.  |
| Nevada oryctes           | Oryctes nevadensis               | 22              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |              | 2.1             | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB.  |
| Nevada oryctes           | Oryctes nevadensis               | 23              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |              | 2.1             | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB.  |
| Nevada oryctes           | Oryctes nevadensis               | 24              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |              | 2.1             | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB.  |

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|----------------|--------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Nevada oryctes | Oryctes nevadensis | 25              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes | Oryctes nevadensis | 26              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes | Oryctes nevadensis | 27              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes | Oryctes nevadensis | 28              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes | Oryctes nevadensis | 29              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes | Oryctes nevadensis | 30              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes | Oryctes nevadensis | 31              | G2G3         | S1.1         | 7              | 5              | PD              | 17             | 35             |             | 2.1            | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |

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| cname                             | sname                | ocnumber | grank | srank | fedlist | callist | taxacode | nocccnt | nocctot | cdfg | cnplist | genhab                                 |
|-----------------------------------|----------------------|----------|-------|-------|---------|---------|----------|---------|---------|------|---------|--|
| Nevada oryctes                    | Oryctes nevadensis   | 32       | G2G3  | S1.1  | 7       | 5       | PD       | 17      | 35      |      | 2.1     | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes                    | Oryctes nevadensis   | 33       | G2G3  | S1.1  | 7       | 5       | PD       | 17      | 35      |      | 2.1     | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes                    | Oryctes nevadensis   | 34       | G2G3  | S1.1  | 7       | 5       | PD       | 17      | 35      |      | 2.1     | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| Nevada oryctes                    | Oryctes nevadensis   | 35       | G2G3  | S1.1  | 7       | 5       | PD       | 17      | 35      |      | 2.1     | CHENOPOD SCRUB, MOJAVEAN DESERT SCRUB. |
| small-flowered grass-of-Parnassus | Parnassia parviflora | 2        | G4    | S1    | 7       | 5       | PD       | 3       | 5       |      | 2.2     | MEADOWS AND SEEPS.                     |
| small-flowered grass-of-Parnassus | Parnassia parviflora | 3        | G4    | S1    | 7       | 5       | PD       | 3       | 5       |      | 2.2     | MEADOWS AND SEEPS.                     |
| small-flowered grass-of-Parnassus | Parnassia parviflora | 4        | G4    | S1    | 7       | 5       | PD       | 3       | 5       |      | 2.2     | MEADOWS AND SEEPS.                     |

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| <b>cname</b>               | <b>sname</b>           | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>noccsct</b> | <b>noccsot</b> | <b>cdfig</b> | <b>cnpslist</b> | <b>genhab</b>                            |
|----------------------------|------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|--------------|-----------------|--|
| scalloped-leaved lousewort | Pedicularis crenulata  | 1               | G4           | S1.2         | 7              | 5              | PD              | 1              | 1              |              | 2.2             | MEADOWS AND SEEPS.                       |
| Inyo phacelia              | Phacelia inyoensis     | 7               | G3           | S3.2         | 7              | 5              | PD              | 6              | 16             |              | 1B.2            | MEADOWS AND SEEPS.                       |
| Inyo phacelia              | Phacelia inyoensis     | 8               | G3           | S3.2         | 7              | 5              | PD              | 6              | 16             |              | 1B.2            | MEADOWS AND SEEPS.                       |
| Inyo phacelia              | Phacelia inyoensis     | 9               | G3           | S3.2         | 7              | 5              | PD              | 6              | 16             |              | 1B.2            | MEADOWS AND SEEPS.                       |
| Inyo phacelia              | Phacelia inyoensis     | 10              | G3           | S3.2         | 7              | 5              | PD              | 6              | 16             |              | 1B.2            | MEADOWS AND SEEPS.                       |
| Inyo phacelia              | Phacelia inyoensis     | 13              | G3           | S3.2         | 7              | 5              | PD              | 6              | 16             |              | 1B.2            | MEADOWS AND SEEPS.                       |
| Inyo phacelia              | Phacelia inyoensis     | 14              | G3           | S3.2         | 7              | 5              | PD              | 6              | 16             |              | 1B.2            | MEADOWS AND SEEPS.                       |
| Parish's popcorn-flower    | Plagiobothrys parishii | 7               | G1           | S1.1         | 7              | 5              | PD              | 2              | 10             |              | 1B.1            | GREAT BASIN SCRUB, JOSHUA TREE WOODLAND. |

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| <b>cname</b>             | <b>sname</b>           | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>   |
|--------------------------|------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---|
| Parish's popcorn-flower  | Plagiobothrys parishii | 8               | G1           | S1.1         | 7              | 5              | PD              | 2              | 10             |             | 1B.1           | GREAT BASIN SCRUB, JOSHUA TREE WOODLAND.  |
| slender-leaved pondweed  | Potamogeton filiformis | 13              | G5           | S1S2         | 7              | 5              | PM              | 1              | 21             |             | 2.2            | MARSHES AND SWAMPS.   |
| Owens Valley springsnail | Pyrgulopsis owensensis | 6               | G1G2         | S1S2         | 7              | 5              | IM              | 4              | 10             |             |                | FOUND ALONG ESCARPMENTS OF WHITE & INYO MOUNTAINS ON THE EAST SIDE OF THE OWENS VALLEY.                         |
| Owens Valley springsnail | Pyrgulopsis owensensis | 7               | G1G2         | S1S2         | 7              | 5              | IM              | 4              | 10             |             |                | FOUND ALONG ESCARPMENTS OF WHITE & INYO MOUNTAINS ON THE EAST SIDE OF THE OWENS VALLEY.                         |
| Owens Valley springsnail | Pyrgulopsis owensensis | 8               | G1G2         | S1S2         | 7              | 5              | IM              | 4              | 10             |             |                | FOUND ALONG ESCARPMENTS OF WHITE & INYO MOUNTAINS ON THE EAST SIDE OF THE OWENS VALLEY.                         |
| Owens Valley springsnail | Pyrgulopsis owensensis | 10              | G1G2         | S1S2         | 7              | 5              | IM              | 4              | 10             |             |                | FOUND ALONG ESCARPMENTS OF WHITE & INYO MOUNTAINS ON THE EAST SIDE OF THE OWENS VALLEY.                         |
| Fish Slough springsnail  | Pyrgulopsis perturbata | 3               | G1G2         | S1S2         | 7              | 5              | IM              | 1              | 3              |             |                | FOUND IN THREE OF THE FOUR MAIN SPRINGS IN FISH SLOUGH.   |
| Wong's springsnail       | Pyrgulopsis wongi      | 13              | G2           | S1S2         | 7              | 5              | IM              | 5              | 50             |             |                | OWENS VALLEY. ALONG EAST SIDE FROM PINE CR TO LITTLE LAKE & ALONG WEST SIDE FROM FRENCH SPRING TO MARBLE CREEK. |

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| <b>cname</b>                     | <b>sname</b>               | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>  |
|----------------------------------|----------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Wong's springsnail               | Pyrgulopsis wongi          | 14              | G2           | S1S2         | 7              | 5              | IM              | 5              | 50             |             |                | OWENS VALLEY. ALONG EAST SIDE FROM PINE CR TO LITTLE LAKE & ALONG WEST SIDE FROM FRENCH SPRING TO MARBLE CREEK.      |
| Wong's springsnail               | Pyrgulopsis wongi          | 21              | G2           | S1S2         | 7              | 5              | IM              | 5              | 50             |             |                | OWENS VALLEY. ALONG EAST SIDE FROM PINE CR TO LITTLE LAKE & ALONG WEST SIDE FROM FRENCH SPRING TO MARBLE CREEK.      |
| Wong's springsnail               | Pyrgulopsis wongi          | 24              | G2           | S1S2         | 7              | 5              | IM              | 5              | 50             |             |                | OWENS VALLEY. ALONG EAST SIDE FROM PINE CR TO LITTLE LAKE & ALONG WEST SIDE FROM FRENCH SPRING TO MARBLE CREEK.      |
| Wong's springsnail               | Pyrgulopsis wongi          | 25              | G2           | S1S2         | 7              | 5              | IM              | 5              | 50             |             |                | OWENS VALLEY. ALONG EAST SIDE FROM PINE CR TO LITTLE LAKE & ALONG WEST SIDE FROM FRENCH SPRING TO MARBLE CREEK.      |
| Sierra Nevada yellow-legged frog | Rana sierrae               | 306             | G1           | S1           | 5              | 5              | AA              | 1              | 510            | SC          |                | ALWAYS ENCOUNTERED WITHIN A FEW FEET OF WATER. TADPOLES MAY REQUIRE 2 - 4 YRS TO COMPLETE THEIR AQUATIC DEVELOPMENT. |
| Owens speckled dace              | Rhinichthys osculus ssp. 2 | 1               | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.   |
| Owens speckled dace              | Rhinichthys osculus ssp. 2 | 2               | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.   |
| Owens speckled dace              | Rhinichthys osculus ssp. 2 | 5               | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.   |



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| <b>cname</b>        | <b>sname</b>               | <b>ocnumber</b> | <b>grank</b> | <b>srnk</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>                              |
|---------------------|----------------------------|-----------------|--------------|-------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|--|
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 7               | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 9               | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 10              | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 17              | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 18              | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 19              | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 22              | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 24              | G5T1T2Q      | S1S2        | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY. |

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| <b>cname</b>        | <b>sname</b>               | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>   |
|---------------------|----------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---|
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 26              | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.  |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 27              | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.  |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 28              | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.  |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 29              | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.  |
| Owens speckled dace | Rhinichthys osculus ssp. 2 | 30              | G5T1T2Q      | S1S2         | 7              | 5              | AF              | 16             | 25             | SC          |                | SMALL STREAMS AND SPRINGS IN OWENS VALLEY.  |
| bank swallow        | Riparia riparia            | 187             | G5           | S2S3         | 7              | 2              | AB              | 2              | 190            |             |                | COLONIAL NESTER; NESTS PRIMARILY IN RIPARIAN AND OTHER LOWLAND HABITATS WEST OF THE DESERT. |

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| <b>cname</b>              | <b>sname</b>                       | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnpslist</b> | <b>genhab</b>   |
|---------------------------|------------------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|-----------------|---|
| bank swallow              | Riparia riparia                    | 189             | G5           | S2S3         | 7              | 2              | AB              | 2              | 190            |             |                 | COLONIAL NESTER; NESTS PRIMARILY IN RIPARIAN AND OTHER LOWLAND HABITATS WEST OF THE DESERT. |
| short-fruited willow      | Salix brachycarpa ssp. brachycarpa | 1               | G5T5         | S1.3?        | 7              | 5              | PD              | 3              | 5              |             | 2.3             | ALPINE DWARF SCRUB, MEADOWS AND SEEPS, SUBALPINE CONIFEROUS FOREST.                         |
| short-fruited willow      | Salix brachycarpa ssp. brachycarpa | 2               | G5T5         | S1.3?        | 7              | 5              | PD              | 3              | 5              |             | 2.3             | ALPINE DWARF SCRUB, MEADOWS AND SEEPS, SUBALPINE CONIFEROUS FOREST.                         |
| short-fruited willow      | Salix brachycarpa ssp. brachycarpa | 6               | G5T5         | S1.3?        | 7              | 5              | PD              | 3              | 5              |             | 2.3             | ALPINE DWARF SCRUB, MEADOWS AND SEEPS, SUBALPINE CONIFEROUS FOREST.                         |
| snow willow               | Salix nivalis                      | 3               | G5           | S1.3         | 7              | 5              | PD              | 1              | 9              |             | 2.3             | ALPINE DWARF SCRUB.   |
| Owens Valley checkerbloom | Sidalcea covillei                  | 11              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1            | MEADOWS AND SEEPS, GREAT BASIN SCRUB.   |
| Owens Valley checkerbloom | Sidalcea covillei                  | 12              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1            | MEADOWS AND SEEPS, GREAT BASIN SCRUB.   |

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| <b>cname</b>              | <b>sname</b>      | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b>                         |
|---------------------------|-------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---------------------------------------|
| Owens Valley checkerbloom | Sidalcea covillei | 14              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1           | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei | 15              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1           | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei | 16              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1           | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei | 25              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1           | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei | 32              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1           | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei | 33              | G3           | S3.1         | 7              | 1              | PD              | 14             | 43             |             | 1B.1           | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |

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| cname                     | sname                                       | ocnumber | grank | srank | fedlist | callist | taxacode | nocscnt | nocstot | cdfg | cnplist | genhab                                |
|---------------------------|---|----------|-------|-------|---------|---------|----------|---------|---------|------|---------|---------------------------------------|
| Owens Valley checkerbloom | Sidalcea covillei                           | 38       | G3    | S3.1  | 7       | 1       | PD       | 14      | 43      |      | 1B.1    | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei                           | 39       | G3    | S3.1  | 7       | 1       | PD       | 14      | 43      |      | 1B.1    | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei                           | 40       | G3    | S3.1  | 7       | 1       | PD       | 14      | 43      |      | 1B.1    | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei                           | 41       | G3    | S3.1  | 7       | 1       | PD       | 14      | 43      |      | 1B.1    | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei                           | 42       | G3    | S3.1  | 7       | 1       | PD       | 14      | 43      |      | 1B.1    | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| Owens Valley checkerbloom | Sidalcea covillei                           | 44       | G3    | S3.1  | 7       | 1       | PD       | 14      | 43      |      | 1B.1    | MEADOWS AND SEEPS, GREAT BASIN SCRUB. |
| alkali tansy-sage         | Sphaeromeria potentilloides var. nitrophila | 1        | G5T4  | S2.2  | 7       | 5       | PD       | 2       | 5       |      | 2.2     | MEADOWS AND SEEPS, PLAYAS.            |

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| <b>cname</b>              | <b>sname</b>                                   | <b>ocnumber</b> | <b>grank</b> | <b>srank</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>noccsct</b> | <b>noccsot</b> | <b>cdfg</b> | <b>cnpslist</b> | <b>genhab</b>                           |
|---------------------------|--|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|-----------------|---|
| alkali tansy-sage         | Sphaeromeria<br>potentilloides var. nitrophila | 2               | G5T4         | S2.2         | 7              | 5              | PD              | 2              | 5              |             | 2.2             | MEADOWS AND SEEPS, PLAYAS.              |
| prairie wedge grass       | Sphenopholis obtusata                          | 1               | G5           | S2.2         | 7              | 5              | PM              | 1              | 10             |             | 2.2             | CISMONTANE WOODLAND, MEADOWS AND SEEPS. |
| foxtail thelypodium       | Thelypodium integrifolium<br>ssp. complanatum  | 5               | G5T5         | S2.2         | 7              | 5              | PD              | 3              | 12             |             | 2.2             | GREAT BASIN SCRUB, MEADOWS AND SEEPS.   |
| foxtail thelypodium       | Thelypodium integrifolium<br>ssp. complanatum  | 6               | G5T5         | S2.2         | 7              | 5              | PD              | 3              | 12             |             | 2.2             | GREAT BASIN SCRUB, MEADOWS AND SEEPS.   |
| foxtail thelypodium       | Thelypodium integrifolium<br>ssp. complanatum  | 7               | G5T5         | S2.2         | 7              | 5              | PD              | 3              | 12             |             | 2.2             | GREAT BASIN SCRUB, MEADOWS AND SEEPS.   |
| Transmontane Alkali Marsh | Transmontane Alkali Marsh                      | 3               | G3           | S2.1         | 7              | 5              | CTT5            | 1              | 7              |             |                 |   |
| little bulrush            | Trichophorum pumilum                           | 1               | G5           | S1.2         | 7              | 5              | PM              | 2              | 3              |             | 2.2             | ALPINE DWARF SCRUB?                     |
| little bulrush            | Trichophorum pumilum                           | 2               | G5           | S1.2         | 7              | 5              | PM              | 2              | 3              |             | 2.2             | ALPINE DWARF SCRUB?                     |

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| <b>cname</b>               | <b>sname</b>               | <b>ocnumber</b> | <b>grank</b> | <b>srnk</b> | <b>fedlist</b> | <b>callist</b> | <b>taxacode</b> | <b>nocscnt</b> | <b>nocstot</b> | <b>cdfg</b> | <b>cnplist</b> | <b>genhab</b> |
|----------------------------|----------------------------|-----------------|--------------|-------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---------------|
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 1               | G?           | SNR         | 7              | 5              | CTT6            | 7              | 29             |             |                |               |
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 2               | G?           | SNR         | 7              | 5              | CTT6            | 7              | 29             |             |                |               |
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 3               | G?           | SNR         | 7              | 5              | CTT6            | 7              | 29             |             |                |               |
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 4               | G?           | SNR         | 7              | 5              | CTT6            | 7              | 29             |             |                |               |
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 5               | G?           | SNR         | 7              | 5              | CTT6            | 7              | 29             |             |                |               |
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 6               | G?           | SNR         | 7              | 5              | CTT6            | 7              | 29             |             |                |               |

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|----------------------------|----------------------------|-----------------|--------------|--------------|----------------|----------------|-----------------|----------------|----------------|-------------|----------------|---------------|
| Water Birch Riparian Scrub | Water Birch Riparian Scrub | 7               | G?           | SNR          | 7              | 5              | CTT6            | 7              | 29             |             |                |               |



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| cname              | microhab   | sitedate | elmdate  | updatedate | presence | trend | occrank | sensitive | occtype | directions  |
|--------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| northern goshawk   | USUALLY NESTS ON NORTH SLOPES, NEAR WATER. RED FIR, LODGEPOLE PINE, JEFFREY PINE, AND ASPENS ARE TYPICAL NEST TREES. | 1981XXXX | XXXXXXX  | 19960329   | 1        | 5     | U       | N         | N       | SOUTHWEST OF GLASS MOUNTAIN.  |
| northern goshawk   | USUALLY NESTS ON NORTH SLOPES, NEAR WATER. RED FIR, LODGEPOLE PINE, JEFFREY PINE, AND ASPENS ARE TYPICAL NEST TREES. | 19820708 | 19820708 | 19890810   | 1        | 5     | U       | N         | N       | OHARRELL CANYON.  |
| northern goshawk   | USUALLY NESTS ON NORTH SLOPES, NEAR WATER. RED FIR, LODGEPOLE PINE, JEFFREY PINE, AND ASPENS ARE TYPICAL NEST TREES. | 19820713 | 19820713 | 19890810   | 1        | 5     | U       | N         | N       | EAST FORK CAMPGROUND.   |
| northern goshawk   | USUALLY NESTS ON NORTH SLOPES, NEAR WATER. RED FIR, LODGEPOLE PINE, JEFFREY PINE, AND ASPENS ARE TYPICAL NEST TREES. | 198207XX | XXXXXXX  | 19890810   | 1        | 5     | U       | N         | N       | MT TOM - SERENE LAKE.   |
| coyote gilia       | FINE CLAYEY SAND OR SAND. 610-1700M.   | 19690606 | 19690606 | 20080909   | 1        | 5     | U       | N         | N       | NORTH END OF OWENS VALLEY, ON COLDWATER CANYON FAN, NEAR COUNTY LINE.   |
| Yosemite toad      | PRIMARILY MONTANE WET MEADOWS; ALSO IN SEASONAL PONDS ASSOCIATED WITH LODGEPOLE PINE AND SUBALPINE CONIFER FOREST.   | 199006XX | 199006XX | 20090609   | 1        | 5     | U       | N         | N       | MILDRED LAKE ALONG CONVICT CREEK, JOHN MUIR WILDERNESS, INYO NATIONAL FOREST.                                 |
| Yosemite toad      | PRIMARILY MONTANE WET MEADOWS; ALSO IN SEASONAL PONDS ASSOCIATED WITH LODGEPOLE PINE AND SUBALPINE CONIFER FOREST.   | 19390918 | 19390918 | 20001108   | 1        | 5     | U       | N         | N       | MCGEE CREEK, JOHN MUIR WILDERNESS, INYO NATIONAL FOREST.  |
| Yosemite toad      | PRIMARILY MONTANE WET MEADOWS; ALSO IN SEASONAL PONDS ASSOCIATED WITH LODGEPOLE PINE AND SUBALPINE CONIFER FOREST.   | 20030810 | 20030810 | 20040217   | 1        | 5     | A       | N         | N       | INLET END OF GRASS LAKE, INYO NATIONAL FOREST.  |
| California floater | GENERALLY IN SHALLOW WATER.  | 2000XXXX | 2000XXXX | 20031021   | 1        | 5     | D       | N         | N       | OWENS RIVER AT BISHOP CREEK CANAL AND BISHOP CREEK CANAL FROM THE OWENS RIVER TO DIXON LANE. NORTH OF BISHOP. |
| pallid bat         | ROOSTS MUST PROTECT BATS FROM HIGH TEMPERATURES. VERY SENSITIVE TO DISTURBANCE OF ROOSTING SITES.                    | 19970616 | 19970616 | 20060928   | 1        | 5     | U       | N         | N       | EAST OF OWENS VALLEY, ABOUT 1.6 MI ENE OF LAWS ON SILVER CANYON RD.   |
| pallid bat         | ROOSTS MUST PROTECT BATS FROM HIGH TEMPERATURES. VERY SENSITIVE TO DISTURBANCE OF ROOSTING SITES.                    | 19740523 | 19740523 | 20061003   | 1        | 5     | U       | N         | N       | 10.5 MI NORTH OF BISHOP, NEAR FISH SLOUGH.  |

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| <b>cname</b>             | <b>microhab</b>   | <b>sitedate</b> | <b>elmdate</b> | <b>updatedate</b> | <b>presence</b> | <b>trend</b> | <b>occrank</b> | <b>sensitive</b> | <b>occtype</b> | <b>directions</b>   |
|--------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| golden eagle             | CLIFF-WALLED CANYONS PROVIDE NESTING HABITAT IN MOST PARTS OF RANGE; ALSO, LARGE TREES IN OPEN AREAS.     | 19870712        | 19870712       | 19940420          | 1               | 5            | U              | N                | N              | FISH SLOUGH, NORTH OF BISHOP.   |
| pinyon rock-cress        | GRANITIC, GRAVELLY SLOPES & MESAS. OFTEN UNDER DESERT SHRUBS WHICH SUPPORT IT AS IT GROWS. 1200-2400M.    | 19410605        | 19410605       | 19980120          | 1               | 5            | U              | N                | N              | SHERWIN SUMMIT.   |
| stylose rock-cress       | CARBONATE, ROCKY. SINGLE CALIFORNIA SITE IS UNDER VOLCANIC ROCKS ON N AND W-FACING SLOPES. 2300-3080M.    | 19820811        | 19820811       | 19961011          | 1               | 5            | U              | N                | N              | GLASS MOUNTAIN RIDGE, SOUTH OF THE HEAD OF WILFRED CANYON.                              |
| silver-leaved milk-vetch | ALKALINE AND SALINE MEADOWS, STREAM BANKS AND LAKE SHORES, IN STIFF ALLUVIAL CLAYS AND LOAMS. 1280-2350M. | 19920805        | 19920805       | 19961023          | 1               | 5            | B              | N                | N              | FISH SLOUGH, FROM 0.8 TO 2.6 KM NORTH OF MONO/INYO COUNTY LINE.                         |
| silver-leaved milk-vetch | ALKALINE AND SALINE MEADOWS, STREAM BANKS AND LAKE SHORES, IN STIFF ALLUVIAL CLAYS AND LOAMS. 1280-2350M. | 1991XXXX        | 1991XXXX       | 19950406          | 1               | 5            | U              | N                | N              | FISH SLOUGH, 3.0 KM N OF MONO/INYO COUNTY LINE.   |
| silver-leaved milk-vetch | ALKALINE AND SALINE MEADOWS, STREAM BANKS AND LAKE SHORES, IN STIFF ALLUVIAL CLAYS AND LOAMS. 1280-2350M. | 19880509        | 19880509       | 19951114          | 1               | 5            | C              | N                | N              | CHALFANT VALLEY, EAST OF TUNGSTEN ROAD, 0.5 KM SE OF WATER TOWER, 2.3 KM EAST OF HWY 6. |
| silver-leaved milk-vetch | ALKALINE AND SALINE MEADOWS, STREAM BANKS AND LAKE SHORES, IN STIFF ALLUVIAL CLAYS AND LOAMS. 1280-2350M. | 19940526        | 19940526       | 19990706          | 1               | 5            | B              | N                | N              | WEST SIDE OF THE OWENS RIVER ABOUT 1 MILE SOUTH OF LAWS, OWENS VALLEY.                  |

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|--------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| silver-leaved milk-vetch | ALKALINE AND SALINE MEADOWS, STREAM BANKS AND LAKE SHORES, IN STIFF ALLUVIAL CLAYS AND LOAMS. 1280-2350M. | 19950816        | 19950816       | 19990706          | 1               | 5            | B              | N                | N              | EAST SIDE OF THE OWENS RIVER ABOUT 1.4 MILES SOUTH OF LAWS, OWENS VALLEY.   |
| Long Valley milk-vetch   | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M.   | 19920601        | 19920601       | 20090521          | 1               | 5            | C              | N                | N              | LONG VALLEY, NORTHWEST OF CROWLEY LAKE, EXTENDING NORTH AND EAST FROM WHITMORE HOT SPRINGS TO NORTH OF BIG ALKALI LAKE. |
| Long Valley milk-vetch   | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M.   | 20020723        | 20020723       | 20090521          | 1               | 5            | B              | N                | N              | LONG VALLEY, VICINTY OF BENTON CROSSING, TO SOUTHEAST AND NORTHWEST.  |
| Long Valley milk-vetch   | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M.   | 19830708        | 19830708       | 19890811          | 1               | 5            | U              | N                | N              | JUST W OF OWENS RIV, APPROX 2.5 MI N OF BENTON CROSSING.  |
| Long Valley milk-vetch   | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M.   | 198808XX        | 198808XX       | 20011017          | 1               | 5            | U              | N                | N              | 1 MILE NE OF LAKE CROWLEY, ALONG USFS RD 2S84 IN LONG VALLEY, 2 MI S OF BENTON CROSSING.                                |
| Long Valley milk-vetch   | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M.   | 19830609        | 19830609       | 19890811          | 1               | 5            | U              | N                | N              | 1 MI NE OF LK CROWLEY, ALONG USFS RD #2584 IN LONG VALLEY, 3 MI S OF BENTON CROSSING.                                   |

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| <b>cname</b>           | <b>microhab</b>   | <b>sitedate</b> | <b>elmdate</b> | <b>updatedate</b> | <b>presence</b> | <b>trend</b> | <b>occrank</b> | <b>sensitive</b> | <b>occtype</b> | <b>directions</b>  |
|------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19830627        | 19830627       | 20060531          | 1               | 5            | U              | N                | N              | LITTLE HOT CREEK DRAINAGE NORTHWEST OF CASHBAUGH RANCH, ABOUT 2.0 AIR MI EAST OF LITTLE ANTELOPE VALLEY. |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19830718        | 19830718       | 19960515          | 1               | 5            | U              | N                | N              | APPROX 0.5 MILE EAST OF BIG ALKALI LAKE, LONG VALLEY NORTH OF LAKE CROWLEY.                              |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19830717        | 19830717       | 20060531          | 1               | 3            | D              | N                | N              | APPROXIMATELY 0.8 AIR MI WEST OF CASHBAUGH RANCH, LONG VALLEY.   |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19830721        | 19830721       | 20060531          | 1               | 5            | U              | N                | N              | APPROXIMATELY 0.6 AIR MI SOUTHEAST OF CASHBAUGH RANCH, 0.7 AIR MI WEST OF BIG ALKALI LAKE, LONG VALLEY.  |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 198808XX        | 198808XX       | 20090519          | 1               | 5            | U              | N                | N              | FROM 1 TO 2 AIR MI N OF CASHBAUGH RANCH, LONG VALLEY.  |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 198808XX        | 198808XX       | 20011017          | 1               | 5            | U              | N                | N              | LONG VALLEY, APPROXIMATELY 2 MILES NORTHEAST OF BENTON CROSSING, NORTH OF LAKE CROWLEY.                  |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19870724        | 19870724       | 20090519          | 1               | 5            | U              | N                | N              | NORTHEAST END OF CROWLEY LAKE, APPROXIMATELY 1 - 2 MILES NORTHWEST OF LYTON SPRINGS.                     |

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|------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19860903        | 19860903       | 20011017          | 1               | 5            | U              | N                | N              | ALONG CROWLEY LAKE SHORE, NORTHWEST OF LAYTON SPRINGS, WEST OF WATTERSON CANYON, LONG VALLEY.                    |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19860919        | 19860919       | 20011018          | 1               | 5            | U              | N                | N              | LITTLE ALKALI LAKE DRAINAGE, JUST WEST OF THE OWENS RIVER, APPROXIMATELY 2 - 2.5 MILES SOUTH OF BENTON CROSSING. |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 19380708        | 19380708       | 20060531          | 1               | 5            | U              | N                | N              | HOT CREEK REGION, NEAR THE GORGE.  |
| Long Valley milk-vetch | IN SANDY VOLCANIC ASH OR PUMICE WITH SAGEBRUSH SCRUB. 2030-2530M. | 20050714        | 20050714       | 20090520          | 1               | 5            | C              | N                | N              | EAST OF OWENS RIVER, ABOUT 2.8 AIR MI NNW OF BENTON CROSSING, LONG VALLEY.                                       |
| Lemmon's milk-vetch    | LAKESHORES, MEADOWS AND SEEPS. 1280-2200M.                        | 19330729        | 19330729       | 20011210          | 1               | 5            | U              | N                | N              | HILTON CREEK, OWENS RIVER.   |
| Lemmon's milk-vetch    | LAKESHORES, MEADOWS AND SEEPS. 1280-2200M.                        | 20050713        | 20050713       | 20090604          | 1               | 5            | D              | N                | N              | ABOUT 2.2 AIR MI WNW OF WHITMORE HOT SPRINGS, JUST EAST OF HOT CREEK FISH HATCHERY.                              |
| Lemmon's milk-vetch    | LAKESHORES, MEADOWS AND SEEPS. 1280-2200M.                        | 20050715        | 20050715       | 20090604          | 1               | 5            | B              | N                | N              | HOT CREEK REGION, ABOUT 3 AIR MI NORTH OF CASHBAUGH RANCH, ABOUT 0.1 MILES EAST OF WINDMILL.                     |

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|------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Lemmon's milk-vetch    | LAKESHORES, MEADOWS AND SEEPS. 1280-2200M.  | 19860904        | 19860904       | 20011211          | 1               | 5            | U              | N                | N              | UPPER HEADWATERS OF OWENS RIVER, NORTHEAST OF MAMMOTH LAKES.                                  |
| Lemmon's milk-vetch    | LAKESHORES, MEADOWS AND SEEPS. 1280-2200M.  | 20020529        | 20020529       | 20090528          | 1               | 5            | U              | N                | N              | LONG VALLEY, ABOUT 3.6 AIR MILES NNE OF BENTON CROSSING, NORTH OF THE OWENS RIVER.            |
| Fish Slough milk-vetch | USUALLY FOUND ON MOUNDS IN ALKALI MEADOWS WITH SPARSE VEGETATIVE COVER. 1120-1300M. | 2000XXXX        | 2000XXXX       | 20080314          | 1               | 5            | B              | N                | N              | FISH SLOUGH; FROM JUST N OF MONO/INYO COUNTY LINE N-WARD FOR 1.5 MILES, W & E SIDE OF SLOUGH. |
| Fish Slough milk-vetch | USUALLY FOUND ON MOUNDS IN ALKALI MEADOWS WITH SPARSE VEGETATIVE COVER. 1120-1300M. | 2000XXXX        | 2000XXXX       | 20080314          | 1               | 5            | B              | N                | N              | FISH SLOUGH, 0.9 MI S OF MONO/INYO COUNTY LINE. JUST E OF FISH SLOUGH ROAD.                   |
| Fish Slough milk-vetch | USUALLY FOUND ON MOUNDS IN ALKALI MEADOWS WITH SPARSE VEGETATIVE COVER. 1120-1300M. | 2000XXXX        | 2000XXXX       | 20080310          | 1               | 3            | C              | N                | N              | FISH SLOUGH; S END, S OF UPPER MCNALLY CANAL. ABOUT 4 MI N OF BISHOP.                         |
| Mono milk-vetch        | PUMICE FLATS WITH SPARSE VEGETATIVE COVER. 2110-3355M.                              | 20000811        | 20000811       | 20060818          | 1               | 5            | B              | N                | N              | FROM LITTLE ANTELOPE VALLEY TO 4.3 AIRMI NORTHEAST.   |

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|-----------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|--|
| Mono milk-vetch       | PUMICE FLATS WITH SPARSE VEGETATIVE COVER. 2110-3355M.   | 19910813 | 19910813 | 20060809   | 1        | 5     | U       | N         | N       | ROCK CREEK, ABOUT 1.3 MLES EAST OF RED MOUNTAIN, ASPEN PARK GROUP SITE.                  |
| Mono milk-vetch       | PUMICE FLATS WITH SPARSE VEGETATIVE COVER. 2110-3355M.   | 19980805 | 19980805 | 20060818   | 1        | 5     | B       | N         | N       | ABOUT 3 AIRMI NORTH OF CASHBAUGH RANCH, EAST OF OWENS RIVER ROAD.                        |
| Shockley's milk-vetch | COARSE, GRANITIC ALLUVIUM. 1500-2250M.   | 20050329 | 20050329 | 20060605   | 1        | 5     | U       | N         | N       | WHITE MOUNTAINS, REDDING CANYON, ROUGHLY 0.7 MILES SSE OF POLETA MINE.                   |
| burrowing owl         | SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL. | 19160423 | 19160423 | 20030509   | 1        | 5     | U       | N         | N       | LAWS.  |
| smooth saltbush       | KNOWN FROM HOT SPRINGS, ALKALI SPRINGS. 1300-2000M.  | 19380808 | 19380808 | 20070920   | 1        | 5     | U       | N         | N       | LONG VALLEY; HOT CREEK REGION.   |
| upswept moonwort      | GRASSY FIELDS, CONIFEROUS WOODS NEAR SPRINGS AND CREEKS. 1500-2060M.                                 | 20010920 | 20010920 | 20060918   | 1        | 5     | U       | N         | N       | EAST OF LAKE DOROTHY, HEADWATERS OF CONVICT CREEK ABOUT 0.8 MILES SSE OF MILDRED LAKE.   |
| upswept moonwort      | GRASSY FIELDS, CONIFEROUS WOODS NEAR SPRINGS AND CREEKS. 1500-2060M.                                 | 20050723 | 20050723 | 20071119   | 1        | 5     | U       | N         | N       | CONVICT CREEK, TRAIL UP THE CANYON ABOUT 1.6 TRAIL MILES FROM UPPER END OF CONVICT LAKE. |

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|------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| scalloped moonwort     | MOIST MEADOWS, NEAR CREEKS. 1500-2670M.   | 20050723        | 20050723       | 20071119          | 1               | 5            | U              | N                | N              | CONVICT CREEK, TRAIL UP THE CANYON ABOUT 1.6 TRAIL MILES FROM UPPER END OF CONVICT LAKE.                          |
| scalloped moonwort     | MOIST MEADOWS, NEAR CREEKS. 1500-2670M.   | 20000812        | 20000812       | 20071119          | 1               | 5            | U              | N                | N              | 1.5 KM S OF MILDRED LAKE, CONVICT LAKE BASIN, INYO NATIONAL FOREST.   |
| Swainson's hawk        | REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS. | 1994XXXX        | 19810520       | 19890810          | 1               | 5            | U              | N                | N              | 6 MILES SOUTH OF BISHOP, 1.5 MI E 395 ON COLLINS RD. ALSO INCL E HALF SEC 4.                                      |
| Swainson's hawk        | REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS. | 19870521        | 19870521       | 19940420          | 1               | 5            | U              | N                | N              | FISH SLOUGH, NORTH OF BISHOP.   |
| Swainson's hawk        | REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS. | 19860701        | 19860701       | 20030805          | 1               | 5            | U              | N                | N              | OWENS VALLEY, NORTH OF THE OWENS RIVER, 3.5 MILES NE OF BISHOP  |
| Swainson's hawk        | REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS. | 1986XXXX        | 198307XX       | 20030805          | 1               | 5            | U              | N                | N              | 4 MILES SE OF BISHOP  |
| Swainson's hawk        | REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS. | 19940726        | 19940726       | 20030805          | 1               | 5            | U              | N                | N              | 4 MILES NORTH OF LAWS. JUST SOUTH OF RUDOLPH ROAD.  |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M.                    | 19960522        | 19960522       | 19991005          | 1               | 5            | C              | N                | N              | OWENS RIVER, 2.25 MILES WEST OF FIVE BRIDGES AND 0.5 MILE EAST OF BISHOP CREEK CANAL INTAKE, NORTHWEST OF BISHOP. |



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|------------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19970514        | 19970514       | 19951222          | 1               | 5            | B              | N                | N              | NORTH OF BISHOP AND ABOUT 0.5 MILE EAST OF FIVE BRIDGES ROAD, SOUTH OF OWENS RIVER.                  |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 20020616        | 20020616       | 20090901          | 1               | 4            | B              | N                | N              | PLEASANT VALLEY, JUST WEST OF PLEASANT VALLEY ROAD AND SOUTH OF HORTON CREEK, NORTHWEST OF BISHOP.   |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19930515        | 19930515       | 19951222          | 1               | 5            | B              | N                | N              | WEST OF OWENS RIVER, 1 MILE SOUTH OF LAWS BRIDGE (HWY 6), NORTHEAST OF BISHOP AIRPORT.               |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19980515        | 19980515       | 20090902          | 1               | 5            | U              | N                | N              | FISH SLOUGH; FROM VICINITY OF FISH SLOUGH LAKE NORTH TO CENTER OF SECTION 18 ON CHIDAGO CANYON QUAD. |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19960517        | 19960517       | 19991005          | 1               | 5            | C              | N                | N              | OWENS VALLEY, ALONG NORTH SIDE OF HWY 6 JUST WEST OF LAWS BRIDGE, 3 MILES NORTHEAST OF BISHOP.       |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19930517        | 19830517       | 19951222          | 1               | 5            | B              | N                | N              | SOUTH END OF FISH SLOUGH, PAST WEIR ON UPPER MCNALLY CANAL; ABOUT 4 MILES NORTH OF BISHOP.           |

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|------------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19960528        | 19960528       | 19951222          | 1               | 5            | B              | N                | N              | NORTH OF BROCKMANS CORNER, ABOUT 0.5 MILE NORTH OF HIGHWAY 395 AT BROCKMAN LANE, WEST END OF BISHOP.                 |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 20030523        | 20030523       | 20090819          | 1               | 5            | C              | N                | N              | OWENS VALLEY, 0.35 MILE NORTHWEST OF JUNCTION OF COLLINS ROAD AND DIRT ROAD JUST WEST OF "A" DRAIN, SOUTH OF BISHOP. |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19930515        | 19930515       | 19951227          | 1               | 5            | B              | N                | N              | ABOUT 0.75 MILE NORTH OF COLDWATER CANYON, AND 1.5 MILE EAST OF HIGHWAY 6.   |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 1989XXXX        | 1989XXXX       | 19921106          | 1               | 5            | U              | N                | N              | FISH SLOUGH; JUST SOUTH OF RED WILLOW DAM, 0.7-1.1 MILES SOUTH OF MONO/INYO COUNTY LINE.                             |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 20030523        | 20030523       | 20090902          | 1               | 5            | C              | N                | N              | 1.2 MILES EAST OF HIGHWAY 395 AND 0.6 MILES SOUTH OF COLLINS ROAD, ABOUT 2 MILES NORTHEAST OF KEOUGH HOT SPRINGS.    |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 1995XXXX        | 1995XXXX       | 20090903          | 1               | 5            | C              | N                | N              | ABOUT 7.5 MILES SOUTHEAST OF BISHOP ALONG THE EAST SIDE OF THE BIG PINE CANAL, 0.5 MILE SOUTH OF COLLINS ROAD.       |
| Inyo County star-tulip | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19950518        | 19950518       | 19960509          | 1               | 5            | D              | N                | N              | ABOUT 2.5 MILES NORTH OF BISHOP, SOUTH OF OWENS RIVER AND 1 MILE WSW OF FIVE BRIDGES.                                |

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| Inyo County star-tulip         | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 20000602 | 20000602 | 20090819   | 1        | 5     | U       | N         | N       | WEST OF OWENS RIVER, 0.5 MILES SOUTH OF LINE STREET (POLETA ROAD).                                       |
| Inyo County star-tulip         | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19990611 | 19990611 | 20090819   | 1        | 5     | U       | N         | N       | FIVE BRIDGES CONTROL PHOTO POINT, APPROXIMATELY 3 MILES NNW OF BISHOP.                                   |
| Inyo County star-tulip         | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 20020612 | 20020612 | 20090819   | 1        | 5     | U       | N         | N       | ROUND VALLEY, NEAR THE ENTRANCE TO BIRCHIM CANYON AND THE CONFLUENCE OF PINE CREEK AND LOWER ROCK CREEK. |
| Inyo County star-tulip         | MOSTLY ON FINE, SANDY LOAM SOILS WITH ALKALINE SALTS, GRASSY MEADOWS IN SHADSCALE SCRUB. 1150-2000M. | 19580713 | 19580713 | 20090819   | 1        | 5     | U       | N         | N       | ABOVE HIGHWAY 395, SOUTHWEST OF CROWLEY LAKE. SOUTHERN SIERRA NEVADA REGION.                             |
| Booth's hairy evening-primrose | SANDY SITES. 1500-2150M.   | 19820811 | 19820811 | 20020304   | 1        | 5     | U       | N         | N       | ALONG JEEP ROAD TO RADIO FACILITY, GLASS MOUNTAINS.  |
| Owens sucker                   | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.        | 19801009 | 19801009 | 19981217   | 1        | 5     | U       | N         | N       | OWENS RIVER BELOW PLEASANT VALLEY DAM, ABOUT 4 MILES NW OF BISHOP.                                       |
| Owens sucker                   | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.        | 19851005 | 19851005 | 19981217   | 1        | 5     | U       | N         | N       | AREA ABOVE CROWLEY LAKE NEAR THE CONFLUENCE OF THE OWENS RIVER AND THE NORTHERN-MOST FORK OF HOT CREEK.  |
| Owens sucker                   | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.        | 19850417 | 19850417 | 19981217   | 1        | 5     | U       | N         | N       | HOT CREEK IN HOT CREEK GORGE, ABOUT 2 MILES DOWNSTREAM FROM HOT CREEK FISH HATCHERY.                     |

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|--------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19880917        | 19880917       | 19981217          | 1               | 2            | U              | N                | N              | LOWER PINE CREEK AND ROCK CREEK, WEST OF HWY 395 IN ROUND VALLEY.                                    |
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19880811        | 19880811       | 19981217          | 1               | 5            | B              | N                | N              | NORTH FORK OF BISHOP CREEK, NORTHEAST OF BISHOP.   |
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19880811        | 19880811       | 19981217          | 1               | 5            | C              | N                | N              | NORTH MCNALLY CANAL AT SILVER CANYON ROAD, ABOUT 0.5 MILES EAST OF LAWS.                             |
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19880807        | 19880807       | 19981217          | 1               | 5            | U              | N                | N              | SOUTH MCNALLY CANAL AT SILVER CANYON ROAD CROSSING JUST EAST OF LAWS.                                |
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19881120        | 19881120       | 19981217          | 1               | 4            | U              | N                | N              | IRRIGATION DITCH ALONG SIERRA STREET, BISHOP   |
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19850712        | 19850712       | 19921110          | 1               | 5            | U              | N                | N              | C-1 AND C-5 TALBOT DIVERSION CANALS, WEST OF SCHOBER RANCH HOUSE ON ROUND VALLEY ROAD. ROUND VALLEY. |
| Owens sucker | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING. | 19980611        | 19980611       | 19990518          | 1               | 5            | U              | N                | N              | HORTON CREEK, TRIBUTARY TO THE OWENS RIVER, NORTH OF HWY 395, PLEASANT VALLEY.                       |

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|--------------------------|---|----------|----------|------------|----------|-------|---------|-----------|---------|--|
| Owens sucker             | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.                         | 19880731 | 19880731 | 19921109   | 1        | 5     | U       | N         | N       | MEANDERING STREAM THROUGH PASTURELAND, 2 MILES NORTHWEST OF BIG ALKALI LAKE.   |
| Owens sucker             | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.                         | 19950325 | 19950325 | 19981217   | 1        | 5     | U       | N         | N       | MAMMOTH CREEK & HOT CREEK, NEAR HOT CREEK FISH HATCHERY, 5.2 AIR MILES E OF MAMMOTH LAKES FIRE STATION & N OF HWY 395. |
| Owens sucker             | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.                         | 19840626 | 19840626 | 19981217   | 1        | 5     | U       | N         | N       | BISHOP CANAL, 3 MILES NORTHWEST OF THE JUNCTION OF HIGHWAYS 395 AND 6, 2.3 MILES NORTH OF BROCKMANS CORNER.            |
| Owens sucker             | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.                         | 1985XXXX | 1985XXXX | 19981217   | 1        | 5     | U       | N         | N       | CONVICT LAKE, ~2 MILES SSW OF HIGHWAY 395 AT CONVICT LAKE CUTOFF, ~ 5 MILES W OF LAKE CROWLEY, INYO NATIONAL FOREST.   |
| Owens sucker             | ADULTS CAN THRIVE IN RESERVOIRS, BUT NEED GRAVELLY RIFFLES IN TRIBUTARY STREAMS FOR SPAWNING.                         | 1985XXXX | 1985XXXX | 19981217   | 1        | 5     | U       | N         | N       | LAKE CROWLEY, ~1 MILE NORTH OF HIGHWAY 395 TO THE LONG VALLEY DAM, ~5 MILES EAST OF CONVICT LAKE, LONG VALLEY.         |
| greater sage-grouse      | RESTRICTED TO FLAT/ROLLING TERRAIN VEGETATED BY SAGE-BRUSH, UPON WHICH IT DEPENDS FOR BOTH FOOD AND SHELTER.          | 19870504 | 19870504 | 19960722   | 1        | 5     | U       | N         | N       | 1.2 KM WEST OF LAKE CROWLEY IN LONG VALLEY.  |
| northern harrier         | NESTS ON GROUND IN SHRUBBY VEGETATION, USUALLY AT MARSH EDGE; NEST BUILT OF A LARGE MOUND OF STICKS IN WET AREAS.     | 19920628 | 19920628 | 19921106   | 1        | 5     | U       | N         | N       | WARM SPRINGS. ABOUT 2 MILES EAST OF THE OWENS RIVER. NE OF BIG PINE.   |
| Townsend's big-eared bat | ROOSTS IN THE OPEN, HANGING FROM WALLS & CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE. | 19661220 | 19661220 | 19890810   | 1        | 5     | U       | N         | N       | 6 MI E OF BISHOP AT POLETA MINE.   |

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| <b>cname</b>             | <b>microhab</b>   | <b>sitedate</b> | <b>elmdate</b> | <b>updatedate</b> | <b>presence</b> | <b>trend</b> | <b>occrank</b> | <b>sensitive</b> | <b>occtype</b> | <b>directions</b>   |
|--------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Townsend's big-eared bat | ROOSTS IN THE OPEN, HANGING FROM WALLS & CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE. | 19950401        | 19950401       | 19970929          | 1               | 5            | B              | N                | N              | APPROX. 5.5 MILES ESE OF LAWS, 1.4 MILES S SILVER CANYON CREEK, WHITE MOUNTAINS, INYO NF. |
| Townsend's big-eared bat | ROOSTS IN THE OPEN, HANGING FROM WALLS & CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE. | 19970618        | 19970618       | 20070306          | 1               | 5            | U              | N                | N              | WARM SPRINGS, AT BASE OF BLACK MOUNTAIN.  |
| Townsend's big-eared bat | ROOSTS IN THE OPEN, HANGING FROM WALLS & CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE. | 19990116        | 19990116       | 20070306          | 1               | 5            | U              | N                | N              | WEST SIDE OF WHITE MOUNTAINS, GUNTER CANYON GROUP, NORTH SIDE OF CANYON.                  |
| Hall's meadow hawksbeard | MOIST, ALKALINE VALLEY BOTTOMS. 375-2100M.  | 1927XXXX        | 1927XXXX       | 19960515          | 1               | 5            | U              | N                | N              | BISHOP.   |
| Hall's meadow hawksbeard | MOIST, ALKALINE VALLEY BOTTOMS. 375-2100M.  | 1976XXXX        | 1976XXXX       | 19960603          | 1               | 5            | U              | N                | N              | FISH SLOUGH, BLM SPRING.  |
| Hall's meadow hawksbeard | MOIST, ALKALINE VALLEY BOTTOMS. 375-2100M.  | 19890725        | 19890725       | 19960515          | 1               | 5            | U              | N                | N              | FISH SLOUGH ROAD, 6.4 MILES NORTH OF FISH SLOUGH AND FIVE BRIDGES ROAD.                   |
| Hall's meadow hawksbeard | MOIST, ALKALINE VALLEY BOTTOMS. 375-2100M.  | 1979XXXX        | 1979XXXX       | 19960515          | 1               | 5            | U              | N                | N              | HORTON CREEK, PLEASANT VALLEY ROAD.   |
| Hall's meadow hawksbeard | MOIST, ALKALINE VALLEY BOTTOMS. 375-2100M.  | 198XXXXX        | 198XXXXX       | 19960515          | 1               | 5            | U              | N                | N              | LONG VALLEY, LITTLE ALKALI LAKE.  |
| Owens pupfish            | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING.                 | 19990625        | 19990625       | 20080509          | 1               | 4            | C              | N                | R              | BLM SPRING REFUGE AND POOLS SOUTH OF REFUGIUM, OWENS VALLEY.                              |

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| <b>cname</b>  | <b>microhab</b>   | <b>sitedate</b> | <b>elmdate</b> | <b>updatedate</b> | <b>presence</b> | <b>trend</b> | <b>occrank</b> | <b>sensitive</b> | <b>occtype</b> | <b>directions</b>   |
|---------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 2001XXXX        | 2001XXXX       | 20080509          | 1               | 4            | B              | N                | R              | WARM SPRINGS REFUGE, OWENS VALLEY.  |
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 1987XXXX        | 19861209       | 19960111          | 3               | 3            | X              | Y                | R              | *SENSITIVE* Location information suppressed.  |
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 198606XX        | 198606XX       | 19890810          | 1               | 5            | U              | Y                | R              | *SENSITIVE* Location information suppressed.  |
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 2000XXXX        | 1987XXXX       | 20080806          | 3               | 5            | X              | Y                | R              | *SENSITIVE* Location information suppressed.  |
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 2001XXXX        | 2001XXXX       | 20090422          | 1               | 4            | C              | Y                | I              | *SENSITIVE* Location information suppressed.  |
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 200002XX        | 19931014       | 20080707          | 2               | 5            | X              | N                | R              | JUST OFF RUDOLPH ROAD, ONE MILE EAST OF HIGHWAY 6, ABOUT 4 MILES NNE OF LAWS.         |
| Owens pupfish | PREFERS WARM, CLEAR, SHALLOW WATER FREE OF EXOTIC FISHES. NEEDS AREAS OF FIRM SUBSTRATE FOR SPAWNING. | 19980617        | 1995XXXX       | 20010510          | 2               | 3            | X              | N                | R              | WHITE MOUNTAIN RESEARCH STATION, ABOUT 0.4 MILES EAST OF OWENS RIVER, EAST OF BISHOP. |

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| <b>cname</b> | <b>microhab</b>  | <b>sitedate</b> | <b>elmdate</b> | <b>updatedate</b> | <b>presence</b> | <b>trend</b> | <b>occrank</b> | <b>sensitive</b> | <b>occtype</b> | <b>directions</b>  |
|--------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 20000730        | 20000730       | 20060726          | 1               | 5            | A              | N                | N              | WEST SLOPE OF WHITE MOUNTAINS, EAST OF BISHOP, UNNAMED CANYON ABOUT 2 MILES NORTH OF POLETA CANYON.                      |
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 20050624        | 20050624       | 20060726          | 1               | 5            | A              | N                | N              | WEST SLOPE OF WHITE MOUNTAINS, NORTHEAST OF BISHOP, ALONG COLDWATER CANYON ABOUT 2-4.5 MILES EAST OF HIGHWAY 6.          |
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 19980728        | 19980728       | 20000229          | 1               | 5            | B              | N                | N              | WEST SLOPE OF WHITE MOUNTAINS, NORTHEAST OF BISHOP, ALONG GUNTER CREEK CANYON SOUTH TO SOUTHEAST OF SOUTHERN BELLE MINE. |
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 19810703        | 19810703       | 20000229          | 1               | 5            | U              | N                | N              | EAST OF BISHOP, CANYON ABOUT 2 MILES NNE OF MOUTH OF POLETA CANYON, WEST SLOPE WHITE MOUNTAINS.                          |
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 19980729        | 19980729       | 20060726          | 1               | 5            | U              | N                | N              | WHITE MOUNTAINS, NORTHEAST OF BISHOP, ALONG CANYON ABOUT 0.9 MILE SOUTHEAST OF MOUTH OF COLDWATER CANYON.                |
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 19980730        | 19980730       | 20000229          | 1               | 5            | B              | N                | N              | NE OF BISHOP, ABOUT 1.4 MI ENE OF SOUTHERN BELLE MINE BETWEEN COLDWATER CANYON AND GUNTER CANYON, WEST SLOPE WHITE MTNS. |
| July gold    | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 19980806        | 19980806       | 20000229          | 1               | 5            | B              | N                | N              | NE OF BISHOP, ABOUT 1.8 MI ENE OF SOUTHERN BELLE MINE BETWEEN COLDWATER CANYON AND GUNTER CANYON, WEST SLOPE WHITE MTNS. |



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| cname                      | microhab   | sitedate | elmdate  | updatedate | presence | trend | occrank | sensitive | occtype | directions   |
|----------------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|--|
| July gold                  | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 20050624 | 20050624 | 20060726   | 1        | 5     | A       | N         | N       | WHITE MOUNTAINS, NNE OF LAWS, NORTH OF COLDWATER CANYON AND SOUTH OF PIUTE CANYON.                                     |
| July gold                  | ON ROCKY RIDGES, CLIFFS, AND TALUS SLOPES, AND SOMETIMES IN WASHES, RESTRICTED TO CARBONATE SOILS. 1240-2060M. | 20050620 | 20050620 | 20060726   | 1        | 5     | U       | N         | N       | WHITE MOUNTAINS, ABOUT 2.3 MILES ESE OF SOUTHERN BELLE MINE AND 1 MILE SOUTH OF INYO/MONO COUNTY LINE.                 |
| canescent draba            | IN CALIF., KNOWN ONLY FROM TWO OCCURRENCES NEAR LAKE GENEVIEVE AND WHEELER PK. 3000-3505M.                     | 19790820 | 19790820 | 20060727   | 1        | 5     | U       | N         | N       | ABOUT 1 MILE WEST OF MT. BALDWIN AND 2/3 MILE EAST OF OUTLET OF BIGHORN LAKE, IN UPPER BASIN OF CONVICT CREEK.         |
| canescent draba            | IN CALIF., KNOWN ONLY FROM TWO OCCURRENCES NEAR LAKE GENEVIEVE AND WHEELER PK. 3000-3505M.                     | 19790820 | 19790820 | 20060727   | 1        | 5     | U       | N         | N       | WEST SIDE OF CONVICT CREEK DRAINAGE, JUST SOUTH OF MILDRED LAKE.   |
| canescent draba            | IN CALIF., KNOWN ONLY FROM TWO OCCURRENCES NEAR LAKE GENEVIEVE AND WHEELER PK. 3000-3505M.                     | 19790820 | 19790820 | 20060727   | 1        | 5     | U       | N         | N       | CONVICT CREEK DRAINAGE, JUST NORTHEAST OF MILDRED LAKE.  |
| Sweetwater Mountains draba | ENDEMIC TO THE RHYOLITE SUBSTRATES OF THE SWEETWATER MTNS. ON LOOSE, STEEP TALUS SLOPES. 2500-3500M.           | 19620819 | 19620819 | 20050106   | 1        | 5     | U       | N         | N       | SUMMIT OF RED SLATE MOUNTAIN.  |
| spear-fruited draba        | ON LIMESTONE SCREE. 3000-3295M.  | 19630831 | 19630831 | 20011017   | 1        | 5     | U       | N         | N       | MILDRED LAKE, CONVICT CREEK BASIN, SIERRA NEVADA.  |
| tall draba                 | MESIC SITES. 2500-3415M.   | 19780801 | 19780801 | 20011207   | 1        | 5     | U       | N         | N       | LAKE MILDRED, CONVICT CREEK DRAINAGE, SIERRA NEVADA.   |
| Panamint alligator lizard  | INHABITS AREAS NEAR PERMANENT WATER, IN CANYONS, DAMP GULLIES, AND ROCKY AREAS NEAR DENSE VEGETATION.          | 19920410 | 19920410 | 19920519   | 1        | 5     | A       | N         | N       | JUST BELOW THE JUNCTION OF GUNTER CANYON AND AN UNNAMED CANYON TO THE SOUTH, ON A WEST-FACING SLOPE OF THE WHITE MTNS. |

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| cname                          | microhab  | sitedate | elmdate  | updatedate | presence | trend | occrank | sensitive | occtype | directions  |
|--------------------------------|---|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| Panamint alligator lizard      | INHABITS AREAS NEAR PERMANENT WATER, IN CANYONS, DAMP GULLIES, AND ROCKY AREAS NEAR DENSE VEGETATION.                   | 20020422 | 20020422 | 20030304   | 1        | 5     | U       | N         | N       | SILVER CANYON, IN THE WHITE MOUNTAINS, 7.5 MILES ENE OF BISHOP  |
| Scribner's wheat grass         | ON ROCKY SLOPES. 2900-4200M.  | XXXXXXXX | XXXXXXXX | 19970911   | 1        | 5     | U       | N         | N       | NORTHWEST SLOPE OF RED SLATE MOUNTAIN, CONVICT CREEK.   |
| willow flycatcher              | REQUIRES DENSE WILLOW THICKETS FOR NESTING/ROOSTING. LOW, EXPOSED BRANCHES ARE USED FOR SINGING POSTS/HUNTING PERCHES.  | 20050714 | 19170713 | 20090910   | 2        | 5     | X       | N         | N       | VICINITY OF LAWS, INYO COUNTY.  |
| willow flycatcher              | REQUIRES DENSE WILLOW THICKETS FOR NESTING/ROOSTING. LOW, EXPOSED BRANCHES ARE USED FOR SINGING POSTS/HUNTING PERCHES.  | 20020617 | 20020617 | 20090826   | 1        | 5     | U       | N         | N       | CONVICT CREEK, ABOUT 0.9 MI UPSTREAM OF SIERRA NEVADA AQUATIC RESEARCH LAB & ABOUT 1.4 MI DOWNSTREAM OF CONVICT LAKE. |
| willow flycatcher              | REQUIRES DENSE WILLOW THICKETS FOR NESTING/ROOSTING. LOW, EXPOSED BRANCHES ARE USED FOR SINGING POSTS/HUNTING PERCHES.  | 19980627 | 19980627 | 20090826   | 1        | 5     | U       | N         | N       | MCGEE CREEK, ABOUT 0.9 MI SW OF MCGEE CREEK CAMPGROUND, INYO NATIONAL FOREST.   |
| southwestern willow flycatcher |   | 20030625 | 20030625 | 20060918   | 1        | 5     | A       | N         | N       | ALONG LOWER HORTON CREEK, JUST WEST OF PLEASANT VALLEY ROAD.  |
| spotted bat                    | FEEDS OVER WATER AND ALONG WASHES. FEEDS ALMOST ENTIRELY ON MOTHS. NEEDS ROCK CREVICES IN CLIFFS OR CAVES FOR ROOSTING. | 19970412 | 19970412 | 20060919   | 1        | 5     | U       | N         | N       | OWENS RIVER GORGE.  |
| spotted bat                    | FEEDS OVER WATER AND ALONG WASHES. FEEDS ALMOST ENTIRELY ON MOTHS. NEEDS ROCK CREVICES IN CLIFFS OR CAVES FOR ROOSTING. | 19971019 | 19971019 | 20060920   | 1        | 5     | U       | N         | N       | EAST OF BISHOP, ABOUT 0.4 MI EAST OF OWENS RIVER, OWENS VALLEY LAB, WHITE MOUNTAIN RESEARCH STATION.                  |

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| cname                    | microhab   | sitedate | elmdate  | updatedate | presence | trend | occrank | sensitive | occtype | directions   |
|--------------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|--|
| prairie falcon           | BREEDING SITES LOCATED ON CLIFFS. FORAGES FAR AFIELD, EVEN TO MARSHLANDS AND OCEAN SHORES. | 1978XXXX | 1978XXXX | 19890810   | 1        | 5     | U       | Y         | N       | *SENSITIVE* Location information suppressed.   |
| prairie falcon           | BREEDING SITES LOCATED ON CLIFFS. FORAGES FAR AFIELD, EVEN TO MARSHLANDS AND OCEAN SHORES. | 19720615 | 19720615 | 19890810   | 1        | 5     | U       | Y         | N       | *SENSITIVE* Location information suppressed.   |
| prairie falcon           | BREEDING SITES LOCATED ON CLIFFS. FORAGES FAR AFIELD, EVEN TO MARSHLANDS AND OCEAN SHORES. | 1978XXXX | 1978XXXX | 19890810   | 1        | 5     | U       | Y         | N       | *SENSITIVE* Location information suppressed.   |
| prairie falcon           | BREEDING SITES LOCATED ON CLIFFS. FORAGES FAR AFIELD, EVEN TO MARSHLANDS AND OCEAN SHORES. | 1977XXXX | 1977XXXX | 19991216   | 1        | 5     | U       | Y         | N       | *SENSITIVE* Location information suppressed.   |
| hot springs fimbristylis | NEAR HOT SPRINGS. 120-1340M.   | 19870702 | 19870702 | 20051228   | 1        | 5     | U       | N         | N       | EASTERN EDGE OF OWENS VALLEY, ABOUT 2.6 MILES WEST OF BLACK MOUNTAIN, WARM SPRINGS.      |
| hot springs fimbristylis | NEAR HOT SPRINGS. 120-1340M.   | 196408XX | 196408XX | 20051228   | 1        | 5     | U       | N         | N       | WESTERN EDGE OF OWENS VALLEY, KEOUGH HOT SPRINGS.  |
| hot springs fimbristylis | NEAR HOT SPRINGS. 120-1340M.   | 1989XXXX | 1989XXXX | 19930809   | 1        | 5     | U       | N         | N       | FISH SLOUGH, 1.1 KM EAST OF FISH SLOUGH ROAD & 1.5 KM NORTH OF INYO/MONO COUNTY LINE.    |
| hot springs fimbristylis | NEAR HOT SPRINGS. 120-1340M.   | 1989XXXX | 1989XXXX | 19930809   | 1        | 5     | U       | N         | N       | FISH SLOUGH, 0.5 KM EAST OF FISH SLOUGH ROAD, JUST SOUTH OF THE INYO/MONO COUNTY BORDER. |
| Owens tui chub           | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION.                          | XXXXXXXX | XXXXXXXX | 19890810   | 3        | 5     | X       | N         | N       | BISHOP CREEK JUST NORTH OF BISHOP, WEST FORK OF BISHOP CREEK.                            |
| Owens tui chub           | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION.                          | 19420901 | 19420901 | 19890810   | 3        | 5     | X       | N         | N       | IRRIGATION CANAL & DITCHES ABOUT 8 MILES SOUTH OF BISHOP NEAR KEOUGH HOT SPRINGS.        |
| Owens tui chub           | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION.                          | XXXXXXXX | XXXXXXXX | 19890810   | 3        | 5     | X       | N         | N       | IRRIGATION DITCH FROM OWENS RIVER 3.2 MILES NORTH OF BISHOP.                             |

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| <b>cname</b>   | <b>microhab</b>   | <b>sitedate</b> | <b>elmdate</b> | <b>updatedate</b> | <b>presence</b> | <b>trend</b> | <b>occrank</b> | <b>sensitive</b> | <b>occtype</b> | <b>directions</b>   |
|----------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | 19980729        | 19980729       | 20090330          | 1               | 3            | U              | N                | N              | 8-MILE SECTION OF OWENS RIVER BELOW LONG VALLEY DAM.                                    |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | XXXXXXXX        | XXXXXXXX       | 20090330          | 3               | 5            | X              | N                | N              | OWENS RIVER AT LAWS, ABOUT 3.5 MI NE OF BISHOP.   |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | XXXXXXXX        | XXXXXXXX       | 19890810          | 3               | 5            | X              | N                | N              | WHISKEY CREEK AT MOUTH IN CROWLEY LAKE.   |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | 19980713        | 19980713       | 20090402          | 1               | 5            | U              | N                | N              | HOT CREEK STATE FISH HATCHERY, NORTH OF HWY 395, NEAR INYO NATIONAL FOREST.             |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | XXXXXXXX        | XXXXXXXX       | 19960515          | 3               | 5            | X              | N                | N              | HOT CREEK, TRIBUTARY TO OWENS RIVER IN LONG VALLEY.                                     |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | 19990727        | 19990727       | 20090402          | 1               | 5            | U              | N                | I              | LITTLE HOT CREEK POND, ABOUT 3.5 MILES NNE OF HOT CREEK HATCHERY, INYO NATIONAL FOREST. |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | 19990917        | 19990917       | 20080512          | 1               | 5            | U              | N                | R              | WHITE MOUNTAIN RESEARCH STATION, ABOUT 0.4 MILES EAST OF OWENS RIVER, EAST OF BISHOP.   |
| Owens tui chub | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION. | 19980914        | 1997XXXX       | 19990518          | 1               | 5            | U              | N                | N              | OWENS RIVER GORGE, UPSTREAM OF PLEASANT VALLEY RESERVOIR, 4 MILES ENE OF ROVANA.        |

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| cname                               | microhab  | sitedate | elmdate  | updatedate | presence | trend | occrank | sensitive | occtype | directions  |
|-------------------------------------|---|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| Owens tui chub                      | NEEDS CLEAR, CLEAN WATER, ADEQUATE COVER, AND AQUATIC VEGETATION.   | XXXXXXX  | XXXXXXX  | 20090330   | 1        | 5     | U       | N         | N       | HORTON'S CREEK, ROUND VALLEY, SW OF HWY 195.  |
| California wolverine                | NEEDS WATER SOURCE. USES CAVES, LOGS, BURROWS FOR COVER & DEN AREA. HUNTS IN MORE OPEN AREAS. CAN TRAVEL LONG DISTANCES | 1950XXX  | 1950XXX  | 19890810   | 1        | 5     | U       | N         | N       | CROWLEY LAKE, CROOKED CREEK INLET.  |
| Blandow's bog moss                  | MOSS GROWING ON DAMP SOIL. 2000-2700M.  | 20011005 | 20011005 | 20060825   | 1        | 5     | U       | N         | N       | ABOUT 2/3 MILE NORTH OF DAVIS LAKE.   |
| Inyo hulsea                         | IN VOLCANIC ASH ON STEEP SLOPES. 1635-3000M.  | 19980626 | 19980626 | 20061103   | 1        | 5     | B       | N         | N       | LOWER ROCK CREEK GORGE, ABOUT 1 MILE EAST OF SKY MEADOW RANCH, SOUTHEAST OF LAKE CROWLEY. |
| travertine band-thigh diving beetle |   | 19880502 | 19880502 | 19890811   | 1        | 5     | U       | N         | N       | DEHY HOT SPRINGS, 4.4 MI E OF HWY 395 ON BENTON CROSSIND RD, 2 MI SSW OF BENTON CROSSING. |
| alkali ivesia                       | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.    | 1989XXX  | 1989XXX  | 19921106   | 1        | 5     | B       | N         | N       | FISH SLOUGH, FROM 3 KM NORTH TO 3 KM SOUTH OF MONO/INYO COUNTY LINE.                      |
| alkali ivesia                       | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.    | 1989XXX  | 1989XXX  | 19921201   | 1        | 5     | U       | N         | N       | FISH SLOUGH, UPPER REACHES OF SLOUGH INCLUDING TRIBUTARY SPRINGS.                         |
| alkali ivesia                       | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.    | 19880829 | 19880829 | 19930913   | 1        | 5     | U       | N         | N       | LONG VALLEY, EAST OF BEND IN OWENS RIVER ROAD, 1.5 AIR KM NORTH OF CASHBAUGH RANCH.       |

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| cname                           | microhab   | sitedate | elmdate  | updatedate | presence | trend | occrank | sensitive | occtype | directions  |
|---------------------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| alkali ivesia                   | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.     | 198808XX | 198808XX | 19921027   | 1        | 5     | U       | N         | N       | LONG VALLEY, EITHER SIDE OF BENTON CROSSING ROAD, APPROX. 0.5 KM SE OF BENTON CROSSING. |
| alkali ivesia                   | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.     | 19770730 | 19770730 | 19960515   | 1        | 5     | U       | N         | N       | LONG VALLEY, LITTLE ALKALI LAKE.  |
| alkali ivesia                   | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.     | 198809XX | 198809XX | 19921007   | 1        | 5     | U       | N         | N       | LONG VALLEY, 3 KM SOUTH OF BENTON CROSSING, ALONG MARGIN OF LAKE CROWLEY.               |
| alkali ivesia                   | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.     | 198808XX | 198808XX | 19931229   | 1        | 5     | U       | N         | N       | LONG VALLEY, 5 KM EAST OF WHITMORE HOT SPRINGS, ALONG MARGIN OF LAKE CROWLEY.           |
| alkali ivesia                   | ALKALINE MEADOWS, ALKALINE FLATS, AND LOW-LYING ALKALINE BASINS; W/ DISTICHLIS, SPOROBOLUS, JUNCUS, ETC. 1200-2130M.     | 198809XX | 198809XX | 19921106   | 1        | 5     | U       | N         | N       | LONG VALLEY, 0.5 KM SE OF WHITMORE HOT SPRINGS.   |
| seep kobresia                   | MOIST PLACES IN ALPINE AND SUBALPINE MEADOWS; CAN BE ON LIMESTONE SUBSTRATE. 2955-3230M.                                 | XXXXXXX  | XXXXXXX  | 19890811   | 1        | 5     | U       | N         | N       | CONVICT BASIN.  |
| silver-haired bat               | ROOSTS IN HOLLOW TREES, BENEATH EXFOLIATING BARK, ABANDONED WOODPECKER HOLES & RARELY UNDER ROCKS. NEEDS DRINKING WATER. | 19771101 | 19771101 | 20070319   | 1        | 5     | U       | N         | N       | BISHOP.   |
| hoary bat                       | ROOSTS IN DENSE FOLIAGE OF MEDIUM TO LARGE TREES. FEEDS PRIMARILY ON MOTHS. REQUIRES WATER.                              | 19970616 | 19970616 | 20070406   | 1        | 5     | U       | N         | N       | WHITE MOUNTAINS, SILVER CANYON RD, 6TH STREAM CROSSING.                                 |
| western white-tailed jackrabbit | OPEN AREAS WITH SCATTERED SHRUBS & EXPOSED FLAT-TOPPED HILLS WITH OPEN STANDS OF TREES, BRUSH & HERBACEOUS UNDERSTORY.   | 19161006 | 19161006 | 20041221   | 1        | 5     | U       | N         | N       | JUST NORTH OF BISHOP.   |
| northern leopard frog           | HIGHLY AQUATIC SPECIES. SHORELINE COVER, SUBMERGED AND EMERGENT AQUATIC VEGETATION ARE IMPORTANT HABITAT CHARACTERISTICS | 19940727 | 19940727 | 20070808   | 1        | 5     | C       | N         | N       | SOUTH OF PINE CREEK ROAD AND 0.6 MILE EAST OF ROUND VALLEY ROAD, ROUND VALLEY.          |

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|-----------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| northern leopard frog | HIGHLY AQUATIC SPECIES. SHORELINE COVER, SUBMERGED AND EMERGENT AQUATIC VEGETATION ARE IMPORTANT HABITAT CHARACTERISTICS | 19530712        | 19530712       | 20090224          | 1               | 5            | U              | N                | N              | 0.77 MI ENE OF POLETA RD, EAST OF BISHOP.   |
| northern leopard frog | HIGHLY AQUATIC SPECIES. SHORELINE COVER, SUBMERGED AND EMERGENT AQUATIC VEGETATION ARE IMPORTANT HABITAT CHARACTERISTICS | 19600327        | 19600327       | 20090226          | 1               | 5            | U              | N                | N              | IN THE VICINITY OF THE CONFLUENCE OF THE OWENS RIVER AND FISH SLOUGH, 5 MI NORTH OF BISHOP.         |
| northern leopard frog | HIGHLY AQUATIC SPECIES. SHORELINE COVER, SUBMERGED AND EMERGENT AQUATIC VEGETATION ARE IMPORTANT HABITAT CHARACTERISTICS | 19620902        | 19620902       | 20090227          | 1               | 5            | U              | N                | N              | HWY 395, 1.3 MI ESE OF PARADISE CAMP .  |
| Sierra marten         | NEEDS VARIETY OF DIFFERENT-AGED STANDS, PARTICULARLY OLD-GROWTH CONIFERS & SNAGS WHICH PROVIDE CAVITIES FOR DENS/NESTS.  | 20020618        | 20020618       | 20050104          | 1               | 5            | U              | N                | N              | JUST EAST OF HWY 395 AT TOM'S PLACE IN MONO COUNTY.   |
| Sierra marten         | NEEDS VARIETY OF DIFFERENT-AGED STANDS, PARTICULARLY OLD-GROWTH CONIFERS & SNAGS WHICH PROVIDE CAVITIES FOR DENS/NESTS.  | 20030715        | 20030715       | 20050104          | 1               | 5            | U              | N                | N              | ALONG CROWLEY LAKE DRIVE ON THE WESTERN EDGE OF LITTLE ROUND VALLEY. ABOUT 1 MILE SOUTH OF HWY 395. |
| Pacific fisher        | USES CAVITIES, SNAGS, LOGS & ROCKY AREAS FOR COVER & DENNING. NEEDS LARGE AREAS OF MATURE, DENSE FOREST.                 | 197XXXXX        | 197XXXXX       | 19890810          | 1               | 5            | U              | N                | N              | CONVICT CREEK, 8 MI SE OF MAMMOTH LAKES, INYO NATIONAL FOREST.                                      |
| Torrey's blazing star | SANDY OR ROCKY SITES; ALKALINE, USUALLY VOLCANIC SOILS. 1170-2835M.  | 19840601        | 19840601       | 20020418          | 1               | 5            | U              | N                | N              | 1.4 MILES NORTH OF JUNCTION OF FISH SLOUGH ROAD AND JEAN BLANC ROAD, FISH SLOUGH.                   |
| Torrey's blazing star | SANDY OR ROCKY SITES; ALKALINE, USUALLY VOLCANIC SOILS. 1170-2835M.  | 19250527        | 19250527       | 20020418          | 1               | 5            | U              | N                | N              | SHERWIN GRADE.  |
| Torrey's blazing star | SANDY OR ROCKY SITES; ALKALINE, USUALLY VOLCANIC SOILS. 1170-2835M.  | 19980627        | 19980627       | 20020418          | 1               | 5            | A              | N                | N              | 2 MILES EAST OF SWALL MEADOW.   |

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|-----------------------------|---|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| dwarf monolepis             | ALKALINE SITES, OPENINGS. 1500-2400M.   | 20070602 | 20070602 | 20071017   | 1        | 5     | U       | N         | N       | LONG VALLEY, ABOUT 1 KILOMETER NORTHEAST OF JUNCTION OF BENTON CROSSING ROAD AND OWENS RIVER. |
| Owens Valley vole           | NEEDS FRIABLE SOIL FOR BURROWING. EATS GRASSES, SEDGES & HERBS. CLIPS GRASS TO MAKE RUNWAYS LEADING FROM BURROWS.       | 19170710 | 19170710 | 20030113   | 1        | 5     | U       | N         | N       | FARMINGTON (FARRINGTON?) RANCH, LAWS.   |
| Owens Valley vole           | NEEDS FRIABLE SOIL FOR BURROWING. EATS GRASSES, SEDGES & HERBS. CLIPS GRASS TO MAKE RUNWAYS LEADING FROM BURROWS.       | 19570504 | 19570504 | 19890810   | 1        | 5     | U       | N         | N       | MOUTH OF SILVER CANYON, 5 MI E LAWS, WHITE MTS.   |
| Owens Valley vole           | NEEDS FRIABLE SOIL FOR BURROWING. EATS GRASSES, SEDGES & HERBS. CLIPS GRASS TO MAKE RUNWAYS LEADING FROM BURROWS.       | 19350521 | 19350521 | 20030113   | 1        | 5     | U       | N         | N       | 2 MILES EAST OF BISHOP.   |
| Owens Valley vole           | NEEDS FRIABLE SOIL FOR BURROWING. EATS GRASSES, SEDGES & HERBS. CLIPS GRASS TO MAKE RUNWAYS LEADING FROM BURROWS.       | XXXXXXX  | XXXXXXX  | 20061023   | 1        | 5     | U       | N         | N       | PLEASANT VALLEY IN THE OWENS VALLEY.  |
| western small-footed myotis | PREFERS OPEN STANDS IN FORESTS AND WOODLANDS. REQUIRES DRINKING WATER. FEEDS ON A WIDE VARIETY OF SMALL FLYING INSECTS. | 19961110 | 19961110 | 20070406   | 1        | 5     | U       | N         | N       | WHITE MOUNTAINS, SILVER CANYON RD, FIRST STREAM CROSSING.                                     |
| western small-footed myotis | PREFERS OPEN STANDS IN FORESTS AND WOODLANDS. REQUIRES DRINKING WATER. FEEDS ON A WIDE VARIETY OF SMALL FLYING INSECTS. | 19970830 | 19970830 | 20070406   | 1        | 5     | U       | N         | N       | WHITE MOUNTAINS, SILVER CANYON RD, 4TH STREAM CROSSING.                                       |
| western small-footed myotis | PREFERS OPEN STANDS IN FORESTS AND WOODLANDS. REQUIRES DRINKING WATER. FEEDS ON A WIDE VARIETY OF SMALL FLYING INSECTS. | 19970618 | 19970618 | 20070306   | 1        | 5     | U       | N         | N       | WARM SPRINGS, AT BASE OF BLACK MOUNTAIN.  |
| western small-footed myotis | PREFERS OPEN STANDS IN FORESTS AND WOODLANDS. REQUIRES DRINKING WATER. FEEDS ON A WIDE VARIETY OF SMALL FLYING INSECTS. | 19990116 | 19990116 | 20070306   | 1        | 5     | U       | N         | N       | WEST SIDE OF WHITE MOUNTAINS, GUNTER CANYON GROUP, SOUTH SIDE OF CANYON.                      |
| long-legged myotis          | NURSERY COLONIES USUALLY UNDER BARK OR IN HOLLOW TREES, BUT OCCASIONALLY IN CREVICES OR BUILDINGS.                      | 19920825 | 19920825 | 20050519   | 1        | 5     | U       | N         | N       | SILVER CANYON, INYO NATIONAL FOREST, WHITE MOUNTAINS.   |



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|--------------------------|---|----------|----------|------------|----------|-------|---------|-----------|---------|--|
| Lahontan cutthroat trout | CANNOT TOLERATE PRESENCE OF OTHER SALMONIDS. REQUIRES GRAVEL RIFFLES IN STREAMS FOR SPAWNING. | 19861126 | 19861126 | 19951201   | 1        | 5     | U       | N         | N       | O'HARREL CANYON CRK FROM 2.25 MI DUE N OF BENTON CROSSING ON OWENS RIVER.  |
| Nevada oryctes           | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900430 | 19900430 | 19980226   | 1        | 5     | B       | N         | N       | BETWEEN BISHOP CREEK AND OWENS RIVER ABOUT 1 MILE SOUTHWEST OF LAWS, NORTHEAST OF BISHOP, OWENS VALLEY.                  |
| Nevada oryctes           | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19920414 | 19920414 | 19980225   | 1        | 5     | C       | N         | N       | NORTH OF BIG PINE AND SOUTHEAST OF BISHOP, ALONG ROAD ABOUT 1.2 MI SSE OF OWENS RIVER AT BIG PINE CANAL, OWENS VALLEY.   |
| Nevada oryctes           | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19920414 | 19920414 | 19980225   | 1        | 5     | B       | N         | N       | NORTH OF BIG PINE AND SOUTHEAST OF BISHOP, ALONG ROAD ABOUT 1.2 MI ESE OF OWENS RIVER AT BIG PINE CANAL, OWENS VALLEY.   |
| Nevada oryctes           | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19910520 | 19910520 | 19980225   | 1        | 5     | B       | N         | N       | NORTH OF BIG PINE AND SOUTHEAST OF BISHOP, NORTH OF COLLINS RD AND SW OF OWENS RIVER AT BIG PINE CANAL, OWENS VALLEY.    |
| Nevada oryctes           | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19920413 | 19920413 | 19980225   | 1        | 5     | B       | N         | N       | NORTH OF BIG PINE AND SOUTHEAST OF BISHOP, ALONG DIRT RD ABOUT 1 MI NE OF OWENS RIVER AT BIG PINE CANAL, OWENS VALLEY.   |
| Nevada oryctes           | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19920413 | 19920413 | 19980225   | 1        | 5     | B       | N         | N       | NORTH OF BIG PINE AND SOUTHEAST OF BISHOP, ALONG DIRT RD ABOUT 1.3 MI NE OF OWENS RIVER AT BIG PINE CANAL, OWENS VALLEY. |

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|----------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900515        | 19900515       | 19980225          | 1               | 5            | C              | N                | N              | SOUTHEAST OF BISHOP, ABOUT 0.7 MILES SOUTH OF WARM SPRINGS ROAD AND 1.2 MILES WEST OF THE OWENS RIVER, OWENS VALLEY.     |
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19910520        | 19910520       | 19980225          | 1               | 5            | B              | N                | N              | SOUTHEAST OF BISHOP, JUST NORTH OF WARM SPRINGS ROAD AND 1.6 MILES WEST OF THE OWENS RIVER, OWENS VALLEY.                |
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900515        | 19900515       | 19980225          | 1               | 5            | B              | N                | N              | SOUTHEAST OF BISHOP, JUST NORTH OF WARM SPRINGS ROAD AND 1 MILE WEST OF THE OWENS RIVER, OWENS VALLEY.                   |
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900514        | 19900514       | 19980225          | 1               | 5            | B              | N                | N              | SOUTHEAST OF BISHOP, JUST SOUTHWEST OF WARM SPRINGS ROAD AT EASTSIDE ROAD, EAST OF THE OWENS RIVER, OWENS VALLEY.        |
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19910521        | 19910521       | 19980225          | 1               | 5            | B              | N                | N              | EAST OF BISHOP AND SE OF BISHOP AIRPORT, ABOUT 1.1 MI N OF WARM SPRINGS RD AND 0.5 MI WEST OF OWENS RIVER, OWENS VALLEY. |
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19910617        | 19910617       | 19980226          | 1               | 5            | B              | N                | N              | EAST OF BISHOP AND ESE OF BISHOP AIRPORT, JUST WEST OF OWENS RIVER FROM POLETA ROAD SOUTH ABOUT 0.8 MI, OWENS VALLEY.    |
| Nevada oryctes | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900508        | 19900508       | 19980226          | 1               | 5            | B              | N                | N              | EAST OF BISHOP, SE OF BISHOP AIRPORT, AND WEST OF OWENS RIVER; ABOUT 1 MI S OF POLETA RD AT COLLINS CANAL, OWENS VALLEY. |

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|-----------------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Nevada oryctes                    | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900515        | 19900515       | 19980226          | 1               | 5            | B              | N                | N              | NORTH OF BIG PINE, SE OF BISHOP; 2.3 MI SSE OF OWENS RIVER AT BIG PINE CANAL AND 1.6 MI SW OF WARM SPGS, OWENS VALLEY. |
| Nevada oryctes                    | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19910605        | 19910605       | 19980226          | 1               | 5            | B              | N                | N              | NORTHEAST OF BISHOP, ABOUT 0.5 MILE NORTH OF HIGHWAY 6 AND 0.25 MILE WEST OF THE OWENS RIVER, OWENS VALLEY.            |
| Nevada oryctes                    | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19900430        | 19900430       | 19980226          | 1               | 5            | B              | N                | N              | NORTH OF BISHOP, ALONG HIGHWAY 6 ABOUT 2 MI FROM JUNCTION WITH HWY 395 AND 1.2 AIR MI FROM FIVE BRIDGES, OWENS VALLEY. |
| Nevada oryctes                    | DRY SITES IN LOOSE SANDY SOIL IN WASHES AND DESERT FOOTHILLS IN THE OWENS VALLEY. 1100-2535M. | 19910520        | 19910520       | 19980226          | 1               | 5            | B              | N                | N              | NORTH OF BISHOP, BETWEEN HIGHWAY 6 AND OWENS RIVER ABOUT 0.8 MILE SOUTHEAST OF FIVE BRIDGES, OWENS VALLEY.             |
| small-flowered grass-of-Parnassus | WET AREAS. 2000-2800M.  | 19780809        | 19780809       | 20090422          | 1               | 5            | U              | N                | N              | BANKS OF CONVICT CREEK AT THE U.C. SIERRA NEVADA AQUATIC RESEARCH LAB (SNARL).   |
| small-flowered grass-of-Parnassus | WET AREAS. 2000-2800M.  | 19380809        | 19380809       | 20090422          | 1               | 5            | U              | N                | N              | HILTON CREEK AT SOUTH END OF LONG VALLEY.  |
| small-flowered grass-of-Parnassus | WET AREAS. 2000-2800M.  | 20000812        | 20000812       | 20090422          | 1               | 5            | U              | N                | N              | 2.8 KM SOUTH OF CONVICT LAKE, CANYON OF CREEK DRAINING LAKE GENEVIEVE.   |

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|----------------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| scalloped-leaved lousewort | NEAR STREAMS IN WET MEADOWS. 2100-2300M. | 1989XXXX        | 1989XXXX       | 20070524          | 1               | 5            | U              | N                | N              | SIERRA NEVADA AQUATIC RESEARCH LAB. ALONG CONVICT CREEK, 0.8 MILE WEST OF US HIGHWAY 395. |
| Inyo phacelia              | ALKALINE MEADOWS. 1025-3200M.            | 19860503        | 19860503       | 20040606          | 1               | 5            | U              | N                | N              | ABOUT WARM SPRINGS AT BASE OF BLACK MOUNTAIN, OWENS VALLEY DRAINAGE.                      |
| Inyo phacelia              | ALKALINE MEADOWS. 1025-3200M.            | 19950410        | 19950410       | 20040606          | 1               | 5            | C              | N                | N              | WEST OF FISH SLOUGH ROAD, APPROXIMATELY 2.3 MILES NORTH OF THE OWENS RIVER.               |
| Inyo phacelia              | ALKALINE MEADOWS. 1025-3200M.            | 19950410        | 19950410       | 20040606          | 1               | 5            | A              | N                | N              | FISH SLOUGH ROAD, APPROXIMATELY TWO MILES NORTH OF THE OWENS RIVER.                       |
| Inyo phacelia              | ALKALINE MEADOWS. 1025-3200M.            | 19950410        | 19950410       | 20070524          | 1               | 5            | B              | N                | N              | FISH SLOUGH ROAD, APPROXIMATELY 1.0 TO 1.5 MILES NORTH OF THE OWENS RIVER.                |
| Inyo phacelia              | ALKALINE MEADOWS. 1025-3200M.            | 19980609        | 19980609       | 20040606          | 1               | 5            | U              | N                | N              | BENTON CROSSING ROAD AT THE OWENS RIVER, LONG VALLEY.                                     |
| Inyo phacelia              | ALKALINE MEADOWS. 1025-3200M.            | 19520701        | 19520701       | 20040606          | 1               | 5            | U              | N                | N              | 1.5 MILES EAST OF WHITMORE SPRINGS, NEAR LAKE CROWLEY, LONG VALLEY.                       |
| Parish's popcorn-flower    | ALKALINE SOILS; MESIC SITES. 750-1400M.  | 191305XX        | 191305XX       | 20040512          | 1               | 5            | U              | N                | N              | MEADOW BETWEEN BISHOP AND LAWS.   |

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|--------------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Parish's popcorn-flower  | ALKALINE SOILS; MESIC SITES. 750-1400M.  | 19780522        | 19780522       | 20040512          | 1               | 5            | U              | N                | N              | HWY 395, 4.1 MILES N OF THE JUNCTION WITH HWY 168.  |
| slender-leaved pondweed  | SHALLOW, CLEAR WATER OF LAKES AND DRAINAGE CHANNELS. 15-2310M.   | 19690907        | 19690907       | 20090112          | 1               | 5            | U              | N                | N              | HOT CREEK, WHERE CREEK IS CROSSED BY OWENS RIVER RD, N OF LAKE CROWLEY.   |
| Owens Valley springsnail | LIVES IN SMALL SPRINGBROOKS WHERE SNAILS ARE TYPICALLY COMMON IN WATERCRESS AND/OR ON BITS OF TRAVERTINE & STONE.      | 19980709        | 19980709       | 20050405          | 1               | 5            | B              | N                | N              | WARM SPRINGS, 1.5 MILES SOUTH OF THE MOUTH OF BLACK CANYON, IN THE WHITE MOUNTAINS, ON THE EAST SIDE OF OWENS VALLEY. |
| Owens Valley springsnail | LIVES IN SMALL SPRINGBROOKS WHERE SNAILS ARE TYPICALLY COMMON IN WATERCRESS AND/OR ON BITS OF TRAVERTINE & STONE.      | 19870422        | 19870422       | 19960909          | 1               | 5            | C              | N                | N              | SPRINGS ON BENCH OF PAIUTE CREEK, 1.25 MILES NNW OF THE MOUTH OF COLDWATER CANYON, IN THE WHITE MOUNTAINS.            |
| Owens Valley springsnail | LIVES IN SMALL SPRINGBROOKS WHERE SNAILS ARE TYPICALLY COMMON IN WATERCRESS AND/OR ON BITS OF TRAVERTINE & STONE.      | 19980508        | 19980508       | 20050125          | 1               | 5            | B              | N                | N              | STREAM IN CANYON SOUTH OF PAIUTE CREEK, 3 MILES SE OF CHALFANT VALLEY, IN THE WHITE MOUNTAINS.                        |
| Owens Valley springsnail | LIVES IN SMALL SPRINGBROOKS WHERE SNAILS ARE TYPICALLY COMMON IN WATERCRESS AND/OR ON BITS OF TRAVERTINE & STONE.      | 19980508        | 19980508       | 20050125          | 1               | 5            | U              | N                | N              | BEHIND WHITE MOUNTAIN ESTATES. ABOUT 3.8 AIR MILES SE OF CHALFANT VALLEY.   |
| Fish Slough springsnail  | FOUND ONLY IN SMALL VESTIGES OF RHEOCRENE HABITAT AT SMALL ORIFICES IN NW SPRINGS & AT START OF OUTFLOW OF NE SPRINGS. | 19980624        | 19980624       | 20061102          | 1               | 5            | U              | N                | N              | BLM SPRING, FISH SLOUGH, NORTH OF BISHOP  |
| Wong's springsnail       | SEEPS AND SMALL-MODERATE SIZE SPRING-FED STREAMS. COMMON IN WATERCRESS AND/OR ON SMALL BITS OF TRAVERTINE & STONE.     | 19870508        | 19870508       | 20050404          | 1               | 5            | B              | N                | N              | SPRING, 1.2 MILES NORTHEAST OF HIGHWAY 395, IN OWENS RIVER GORGE.   |

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|----------------------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| Wong's springsnail               | SEEPS AND SMALL-MODERATE SIZE SPRING-FED STREAMS. COMMON IN WATERCRESS AND/OR ON SMALL BITS OF TRAVERTINE & STONE. | 20000620 | 20000620 | 20050404   | 1        | 5     | B       | N         | N       | BIRCHIM CANYON SPRINGS, EAST OF HIGHWAY 395, ROUND VALLEY.  |
| Wong's springsnail               | SEEPS AND SMALL-MODERATE SIZE SPRING-FED STREAMS. COMMON IN WATERCRESS AND/OR ON SMALL BITS OF TRAVERTINE & STONE. | 20020615 | 20020615 | 20050420   | 1        | 5     | C       | N         | N       | LAYTON SPRINGS, 0.3 MILE E OF LAKE CROWLEY AT MOUTH OF WATTERSON CANYON, 0.3 MILE S OF BENTON CROSSING RD, LONG VALLEY. |
| Wong's springsnail               | SEEPS AND SMALL-MODERATE SIZE SPRING-FED STREAMS. COMMON IN WATERCRESS AND/OR ON SMALL BITS OF TRAVERTINE & STONE. | 1988XXXX | 1988XXXX | 20041110   | 1        | 5     | U       | N         | N       | NW CORNER OF ROUND VALLEY.  |
| Wong's springsnail               | SEEPS AND SMALL-MODERATE SIZE SPRING-FED STREAMS. COMMON IN WATERCRESS AND/OR ON SMALL BITS OF TRAVERTINE & STONE. | 1988XXXX | 1988XXXX | 20041110   | 1        | 5     | U       | N         | N       | SOUTHWEST CORNER OF ROUND VALLEY.   |
| Sierra Nevada yellow-legged frog |  | XXXXXXXX | XXXXXXXX | 20090318   | 1        | 5     | U       | N         | N       | BIRCH CREEK WEST OF WITCHER MEADOW, ABOUT 2.1 MI SOUTH OF TOM'S PLACE, INYO NATIONAL FOREST.                            |
| Owens speckled dace              | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.  | 1989XXXX | 19370726 | 19950713   | 3        | 5     | X       | N         | N       | SULPHUR SPRING, SEEPAGE TRIB TO OWENS RIVER, EAST SIDE OF LONG VALLEY NEAR BENTON'S CROSSING.                           |
| Owens speckled dace              | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.  | 19880811 | 19880811 | 20000522   | 1        | 5     | B       | N         | N       | NORTH FORK OF BISHOP CREEK, NORTHEAST OF BISHOP.  |
| Owens speckled dace              | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.  | 1989XXXX | 19420830 | 19960515   | 3        | 5     | X       | N         | N       | SPRING TRIBUTARY, MOST WESTERLY TRIBUTARY TO HOT CREEK (OWENS RIVER), ABOUT 5 MILES NORTH OF WHITMORE HOT SPRINGS.      |

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|---------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19420901        | 19420901       | 20071213          | 3               | 5            | X              | N                | N              | IRRIGATION DITCH OF OWENS RIVER, 3.2-3.7 MI N OF BISHOP ON RD TO FISH SLOUGH. DEATH VALLEY SYSTEM.    |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19881212        | 19881212       | 20090421          | 1               | 2            | B              | N                | N              | HOT SPRING IN LONG VALLEY FLOWING INTO LITTLE ALKALI LAKE (OWENS RIVER DRAINAGE).                     |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19380726        | 19380726       | 19921027          | 3               | 5            | X              | N                | N              | MCNALLY DITCH, 1.5 MI N AND 2.25 W OF LAWS  |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 1989XXX         | 19340903       | 19951025          | 3               | 5            | X              | N                | N              | FEEDER STREAM OF HOT CREEK, AT HOT CREEK REARING STATION, TRIBUTARY TO OWENS RIVER.                   |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19340903        | 19340903       | 19890810          | 2               | 5            | X              | N                | N              | BISHOP CREEK, JUST NORTH OF BISHOP, TRIB TO OWENS RIVER JUST BELOW SPILLWAY OF LOS ANGELES AQUEDUCT.  |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19420901        | 19420901       | 19960515          | 2               | 5            | X              | N                | N              | IRRIGATION DITCHES, 8 MILES SOUTH OF BISHOP, TRIBURATY TO OWENS RIVER.                                |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19990907        | 19990907       | 20090402          | 1               | 2            | U              | N                | N              | LOWER PINE CREEK AND ROCK CREEK, WEST OF HWY 395 IN ROUND VALLEY                                      |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C. | 19850712        | 19850712       | 19921110          | 1               | 5            | U              | N                | N              | C-1, C-2 & C-5 TALBOT DIVERSION CANALS, WEST OF SCHOBER RANCH HOUSE, ROUND VALLEY ROAD, NW OF BISHOP. |

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|---------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.   | 19881212        | 19881212       | 20000522          | 1               | 4            | U              | N                | N              | WHITMORE HOT SPRINGS, ABOUT 2.7 MILES SE OF HOT CREEK FISH HATCHERY.           |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.   | 19880811        | 19880811       | 20000522          | 1               | 5            | D              | N                | N              | NORTH MCNALLY CANAL AT SILVER CANYON ROAD, ABOUT 0.5 MILES EAST OF LAWS.       |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.   | 19890510        | 19881120       | 20000522          | 1               | 4            | U              | N                | N              | IRRIGATION DITCH ALONG SIERRA STREET, BISHOP.                                  |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.   | 19410910        | 19410910       | 20000522          | 1               | 5            | U              | N                | N              | CANAL NORTHEAST OF BISHOP.   |
| Owens speckled dace | OCCUPIES A VARIETY OF HABITATS. RARELY FOUND IN WATER > 29 C.   | 19990907        | 19990907       | 20090402          | 1               | 2            | U              | N                | N              | HORTON CREEK, TRIBUTARY TO THE OWENS RIVER, NORTH OF HWY 395, PLEASANT VALLEY. |
| bank swallow        | REQUIRES VERTICAL BANKS/CLIFFS WITH FINE-TEXTURED/SANDY SOILS NEAR STREAMS, RIVERS, LAKES, OCEAN TO DIG NESTING HOLE. | 1987XXXX        | 1987XXXX       | 19940509          | 1               | 5            | U              | N                | N              | LAKE CROWLEY, IN MONO COUNTY.  |



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|---------------------------|--|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| bank swallow              | REQUIRES VERTICAL BANKS/CLIFFS WITH FINE-TEXTURED/SANDY SOILS NEAR STREAMS, RIVERS, LAKES, OCEAN TO DIG NESTING HOLE.  | 19920622 | 19920601 | 19960103   | 2        | 5     | X       | N         | N       | NORTH FORK OF BISHOP CREEK, JUST NORTH OF THE BISHOP AIRPORT, OWENS VALLEY.                               |
| short-fruited willow      | EDGES OF LAKES, AND IN WET MEADOWS, ON LIMESTONE, MARBLE, AND METAMORPHIC SUBSTRATES. 3150-3500M.                      | 19630820 | 19630820 | 20070613   | 1        | 5     | U       | N         | N       | JUST SOUTHEAST OF MILDRED LAKE, CONVICT CREEK BASIN.  |
| short-fruited willow      | EDGES OF LAKES, AND IN WET MEADOWS, ON LIMESTONE, MARBLE, AND METAMORPHIC SUBSTRATES. 3150-3500M.                      | 19630823 | 19630823 | 19971008   | 1        | 5     | U       | N         | N       | NORTH END OF BRIGHT DOT LAKE, CONVICT CREEK BASIN, INYO NATIONAL FOREST.                                  |
| short-fruited willow      | EDGES OF LAKES, AND IN WET MEADOWS, ON LIMESTONE, MARBLE, AND METAMORPHIC SUBSTRATES. 3150-3500M.                      | 20000812 | 20000812 | 20070613   | 1        | 5     | U       | N         | N       | ALONG CONVICT CREEK, BETWEEN LAKE GENEVIEVE AND MOUNT MORRISON.   |
| snow willow               | IN CALIFORNIA, ON LAKESHORE WITH POTENTILLA, SALIX SPP., PENSTEMON, ETC. 3100-3500M.                                   | 20000812 | 20000812 | 20070619   | 1        | 5     | U       | N         | N       | CIRCA 2.8 KM SOUTH OF CONVICT CREEK, IN CANYON OF CREEK DRAINING LAKE GENEVIEVE.                          |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20010605 | 20010605 | 20090803   | 1        | 5     | C       | N         | N       | PLEASANT VALLEY DAM ROAD 0.4 MILES NORTH HIGHWAY 395, 6 MILES WEST OF BISHOP ALONG HORTON CREEK.          |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19970618 | 19970618 | 20090803   | 1        | 5     | B       | N         | N       | 2.5 MILES WEST OF FIVE BRIDGES ROAD, JUST WEST OF BISHOP CREEK CANAL, SOUTH OF OWENS RIVER, OWENS VALLEY. |

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|---------------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20010607        | 20010607       | 20090803          | 1               | 1            | C              | N                | N              | 1 MILE SOUTH OF LAWS BRIDGE, NORTHEAST OF AIRPORT AND WEST OF OWENS RIVER, OWENS VALLEY.                                |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19970618        | 19970618       | 20090727          | 1               | 5            | B              | N                | N              | 1.25 MILES WEST OF FIVE BRIDGES, 0.75 MILE EAST OF INTAKE OF BISHOP CREEK CANAL, SOUTH OF OWENS RIVER.                  |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19980728        | 19980728       | 20090804          | 1               | 1            | B              | N                | N              | 1.5 MILES NORTH OF COLLINS ROAD, NORTHWEST OF SAUNDER LAKE, OWENS VALLEY.   |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19950602        | 19950602       | 20090727          | 1               | 5            | C              | N                | N              | BOTH SIDES OF HIGHWAY 6 JUST W OF LAWS BRIDGE, NORTH OF BISHOP, OWENS VALLEY.   |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20010601        | 20010601       | 20090727          | 1               | 5            | C              | N                | N              | SOUTH AND EAST OF BISHOP CREEK BYPASS CANAL, SOUTH OF DIXON LANE AND EAST OF BROCKMAN LANE, ABOUT 2 MILES NW OF BISHOP. |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19970530        | 19970530       | 20090803          | 1               | 5            | C              | N                | N              | NORTH OF RIVERSIDE DRIVE BETWEEN FIVE BRIDGES AND BISHOP CREEK BYPASS, ABOUT 3.5 AIR MILES NNW OF BISHOP.               |

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|---------------------------|--|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|---|
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20020613        | 20020613       | 20090721          | 1               | 5            | B              | N                | N              | ROUND VALLEY, WEST OF HIGHWAY 395 & NORTH OF BIRCHIM LANE, ABOUT 12 MILES NORTHWEST OF BISHOP.                          |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20020617        | 20020617       | 20090721          | 1               | 5            | B              | N                | N              | ROUND VALLEY; NORTH AND SOUTH OF HIGHWAY 395 ABOUT 1.5 MILES SOUTH OF MILL CREEK STATION, SOUTH OF ALTA VISTA.          |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19930521        | 19930521       | 19960604          | 1               | 5            | C              | N                | N              | 1.5 MI NORTHEAST OF KEOUGH HOT SPRINGS, 0.7 MI EAST OF HWY 395 AND 1 MI SOUTH OF COLLINS RD.                            |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20040601        | 20040601       | 20090723          | 1               | 5            | B              | N                | N              | ABOUT 0.5 MILE SOUTH OF COLLINS ROAD JUST EAST OF THE BIG PINE CANAL, OWENS VALLEY.                                     |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 20010607        | 20010607       | 20090803          | 1               | 5            | C              | N                | N              | ABOUT 0.75 MILE NORTH OF COLLINS ROAD AND 0.6 MILES WEST OF THE OWENS RIVER, 6 MILES SOUTHEAST OF BISHOP.               |
| Owens Valley checkerbloom | MOIST ALKALINE MEADOWS & FRESHWATER SEEPS, FINE SANDY LOAM SOIL, ONE OCCURRENCE IN STONEY CALCAREOUS SOIL. 1090-1415M. | 19960606        | 19960606       | 19981201          | 1               | 5            | B              | N                | N              | EAST OF BISHOP AIRPORT, ABOUT 0.15 MILE NORTH OF EAST LINE ST (POLETA RD) ALONG WEST SIDE OF OWENS RIVER, OWENS VALLEY. |
| alkali tansy-sage         | USUALLY ALKALINE SOILS. 2100-2400M.  | 19520703        | 19520703       | 20011129          | 1               | 5            | U              | N                | N              | LAKE CROWLEY, LONG VALLEY.  |

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|---------------------------|---|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| alkali tansy-sage         | USUALLY ALKALINE SOILS. 2100-2400M.   | 19950721        | 19950721       | 20011130          | 1               | 5            | U              | N                | N              | ALKALI LAKES, LONG VALLEY.   |
| prairie wedge grass       | OPEN MOIST SITES, ALONG RIVERS AND SPRINGS, ALKALINE DESERT SEEPS. 360-2325M. | 19850825        | 19850825       | 19921013          | 1               | 5            | U              | N                | N              | AT SPRING 2.5 KM ESE OF LAWS, 1 KM SOUTH OF MOUTH OF SILVER CANYON.  |
| foxtail thelypodium       | ALKALINE OR SUBALKALINE SOILS; MESIC SITES. 1100-2500M.                       | 19850825        | 19850825       | 20031120          | 1               | 5            | U              | N                | N              | AT THE SPRING, 1.0 MILE SOUTH OF THE MOUTH OF SILVER CANYON, 1.5 MILES ESE OF LAWS, OWENS VALLEY DRAINAGE. |
| foxtail thelypodium       | ALKALINE OR SUBALKALINE SOILS; MESIC SITES. 1100-2500M.                       | 19840714        | 19840714       | 20031120          | 1               | 5            | U              | N                | N              | FISH SLOUGH, 1.5 MILES SOUTH OF ROCKED-IN-SPRING ON EAST SIDE OF SLOUGH.                                   |
| foxtail thelypodium       | ALKALINE OR SUBALKALINE SOILS; MESIC SITES. 1100-2500M.                       | 1936XXX         | 1936XXX        | 20031120          | 1               | 5            | U              | N                | N              | SHERWIN GRADE SUMMIT.  |
| Transmontane Alkali Marsh |   | 19830427        | 19830427       | 19980720          | 1               | 5            | U              | N                | N              | FISH SLOUGH, N OF BISHOP.  |
| little bulrush            | WET SITES, LIMESTONE SOILS. 2875-3250M.                                       | 19630820        | 19630820       | 20050825          | 1               | 5            | U              | N                | N              | ABOUT 1.2 MILES SSE OF MILDRED LAKE, HEAD OF MILDRED LAKE FLAT.  |
| little bulrush            | WET SITES, LIMESTONE SOILS. 2875-3250M.                                       | 19630819        | 19630819       | 20070626          | 1               | 5            | U              | N                | N              | BRIGHT DOT LAKE, NORTH END, IN CONVICT CREEK BASIN.  |

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|----------------------------|-----------------|-----------------|----------------|-------------------|-----------------|--------------|----------------|------------------|----------------|--|
| Water Birch Riparian Scrub |                 | 19940926        | 19940926       | 19980723          | 1               | 5            | B              | N                | N              | ALONG CONVICT CREEK, 0.2 TO 1.4 MILES NORTH OF CONVICT LAKE.   |
| Water Birch Riparian Scrub |                 | 19940927        | 19940927       | 19980723          | 1               | 5            | B              | N                | N              | ALONG MCGEE CREEK, FROM 1 MILE NORTH TO 2.5 MILES SOUTHWEST OF MCGEE CREEK CAMPGROUND.                               |
| Water Birch Riparian Scrub |                 | 19940927        | 19940927       | 19980723          | 1               | 5            | B              | N                | N              | ALONG ROCK CREEK, FROM IRIS MEADOW CAMPGROUND NORTH APPROXIMATELY 3 MILES.   |
| Water Birch Riparian Scrub |                 | 19940927        | 19940927       | 19980723          | 1               | 5            | U              | N                | N              | ALONG LOWER ROCK CREEK, APPROXIMATELY 0.5 MILE SOUTH OF TUFF CAMPGROUND TO 1.8 MILES SOUTH OF PARADISE CAMP.         |
| Water Birch Riparian Scrub |                 | 19940927        | 19940927       | 19980723          | 1               | 5            | U              | N                | N              | SWALL MEADOW.  |
| Water Birch Riparian Scrub |                 | 19940927        | 19940927       | 20060203          | 1               | 5            | U              | N                | N              | PINE CREEK FROM APPROXIMATELY 1.7 MILES NORTH OF PINE CREEK TUNGSTEN MILL TO APPROXIAMTELY 1.2 MILES EAST OF ROVANA. |

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|----------------------------|----------|----------|----------|------------|----------|-------|---------|-----------|---------|---|
| Water Birch Riparian Scrub |          | 19940927 | 19940927 | 19980723   | 1        | 5     | U       | N         | N       | HORTON CREEK APPROXIMATELY<br>0.4-5.1 MILES SOUTH OF<br>CROSSING WITH SOUTH ROUND<br>VALLEY ROAD. |

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|--------------------|-----------------|--|---|---|
| northern goshawk   | USFS-INYO NF    |  |   | EYRIE NO. MN007. ACTIVE AT LEAST ONCE SINCE 1975. (BALL, ODELL)   |
| northern goshawk   | USFS-INYO NF    |  |   | EYRIE NO. MN016. ACTIVE FROM 1979-82, EXCEPT FOR 1981. (ASHER, STEWART)   |
| northern goshawk   | USFS-INYO NF    |  |   | EYRIE NO. MN015. ACTIVE NEST IN 1982. (STEWART)   |
| northern goshawk   | USFS-INYO NF    |  |   | EYRIE NO. MN019. INACTIVE IN 1982. (STEWART)  |
| coyote gilia       | UNKNOWN         |  |   | ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1969 COLLECTION BY DEDECKER. NEEDS FIELDWORK.   |
| Yosemite toad      | USFS-INYO NF    |  | HIGH ALTITUDE LAKE.   | CAS#5834-5878 (45 SPECIMENS: 13 FEMALES, 25 MALES, 7 UNKNOWN) COLLECTED ON 23 JUN 1940. 13-216 ADULTS OBSERVED IN EACH OF 5 SURVEYS IN 1976. 37-97 ADULTS OBS IN 3 SURVEYS IN 1977. 10 ADULTS, 2 1-YR-OLDS & 45 EGG MASSES OBS IN JUN 1990. |
| Yosemite toad      | USFS-INYO NF    |  | HIGH ELEVATION STREAM.  | TWO COLLECTED BY K. STANTON 18 SEP 1939. DEPOSITED INTO THE STANFORD UNIVERSITY COLLECTIONS (NOW PART OF CAS) CAS-SU (AMP) #4358-4359.  |
| Yosemite toad      | USFS-INYO NF    | POSSIBLE THREAT FROM THE PRESENCE OF NON-NATIVE TROUT IN THE STREAM CHANNEL. | HABITAT CONSISTS OF A WET, SEDGE MEADOW, AT THE INLET OF GRASS LAKE. SURROUNDING LAND USE IS LIGHT FISHING AND CAMPING. NO USE (NO TRAILS) OF THE WET MEADOW WAS EVIDENT. BROOK TROUT ABUNDANT IN THE STREAM CHANNEL. | 7 INDIVIDUALS (1.5CM IN LENGTH) OBSERVED ON 10 AUG 2003.  |
| California floater | LADWP           | LOWERING OF RIVER AND CANAL FLOWS AND DREDGING THE CANALS FOR MAINTENANCE.   | IN OWENS RIVER THE MUSSELS ARE FOUND ALONG BANKS IN THE SHALLOWS MAINLY IN SAND/SILT SUBSTRATE.   | LESS THAN 100 ADULTS OBSERVED IN 1999. AREA RECHECKED BETWEEN APRIL & THE FALL OF 2000.   |
| pallid bat         | UNKNOWN         |  | DESERT SCRUB, NEAR STREAM. NIGHT ROOST IN ABANDONED BUILDING.   | APPROX. 20 DETECTED IN ROOST 16 JUN 1997.   |
| pallid bat         | LADWP, BLM      |  |   | 1 FEMALE AND 1 MALE SPECIMEN COLLECTED BY D.R. PATTEN, LACM #44435 AND 44436, RESPECTIVELY.   |

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| cname                    | ownermgt     | thrtcom   | ecocom   | gencom   |
|--------------------------|--------------|---|--|--|
| golden eagle             | LADWP, BLM   |   |  | ONE INDIVIDUAL DETECTED ON EACH FOLLOWING DATE: 4/21/75, 3/27/76, 6/22/86, AND 7/12/87. AN INDEPENDENT JUVENILE THAT WAS DETECTED WAS CITED AS EVIDENCE OF BREEDING.   |
| pinyon rock-cress        | UNKNOWN      |   | ROCKY SLOPES, PINYON PINE.   | ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1941 COLLECTION BY RIPLEY AND BARNEBY.   |
| stylose rock-cress       | USFS-INYO NF | MINOR SHEEP GRAZING.  | UNDER LARGE VOLCANIC BLOCKS AND TALUS ON NORTHERLY AND WESTERLY SLOPES. ARTEMISIA TRIDENTATA SCRUB WITH CHAMAEBATIA MILLEFOLIUM.   | ABOUT 1000 PLANTS OBSERVED. DIFFICULT ACCESS AND ROCKY SLOPES SERVE TO DIFFUSE THREATS. 1999 EMAIL FROM TAYLOR QUESTIONS THIS SPECIMEN'S ID; MAY BE ARABIS COBRENSIS. REED ROLLINS SAYS IT'S STYLOSA THOUGH. NEEDS CHECKING. |
| silver-leaved milk-vetch | BLM, LADWP   | POSSIBLE COMPETITION FROM JUNCUS, SPOROBOLUS, ETC.. PLANTS OUTSIDE OF ENCLOSURE SUBJECT TO GRAZING. | IN ALKALI CLAY SOILS WITH SPOROBOLUS AIROIDES, JUNCUS BALTICUS, CENTAURIUM NAMIPHILUM, FIMBRISTYLIS SPADICEA, DISTICHLIS SPICATA VAR STRICTA, SPARTINA GRACILIS, AND IVESIA KINGII.                        | SOUTHERN PORTION OF POPULATION PROTECTED BY BLM ENCLOSURE. TWO OTHER RARE PLANTS (CALOCHORTUS EXCAVATUS AND ASTRAGALUS LENTIGINOSUS VAR PISCINENSIS) ALSO FOUND AT THIS SITE.  |
| silver-leaved milk-vetch | BLM          |   | ALKALI FLAT GROWING IN ASSOCIATION WITH SPARTINA GRACILIS, SPOROBOLUS AIROIDES, JUNCUS BALTICUS, DISTICHLIS SPICATA, AND IVESIA KINGII.  | MAP DETAIL IS ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE.  |
| silver-leaved milk-vetch | LADWP        | HOUSING DEVELOPMENT 1/4 MILE AWAY; OFF ROAD VEHICLE ROADS CRISS CROSS THE AREA.                     | ALKALI SLOPE NORTHEAST OF A RIPARIAN AREA IN HEAVY CLAY SOIL. ASSOCIATES INCLUDE SPOROBOLUS AIROIDES, ARTEMISIA TRIDENTATA, ATRIPLEX CANESCENS, AND AMSINCKIA. OCCURRENCE OF CALOCHORTUS EXCAVATUS NEARBY. | APPROX 50 PLANTS OBSERVED IN 1988.   |
| silver-leaved milk-vetch | LADWP        | LIVESTOCK GRAZING AND FISHING.  | ALKALI MEADOW WITH SPOROBOLUS AIROIDES, LEYMUS TRITICOIDES, DISTICHLIS SPICATA VAR. STRICTA, IRIS MISSOURIENSIS, GLYCYRRHIZA LEPIDOTA, AND JUNCUS BALTICUS. THE RARE SIDALCEA COVILLEI IS ALSO FOUND HERE. | 322 PLANTS OBSERVED IN 1994.   |



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|--------------------------|----------------------|---|---|---|
| silver-leaved milk-vetch | LADWP                | CATTLE GRAZING, SOME VEHICULAR USE.   | ALKALINE MEADOW, BORDERING ON RIPARIAN WITH SPOROBOLUS AIROIDES, LEYMUS TRITICOIDES, JUNCUS BALICUS, PYRROCOMA RACEMOSA, CIRSIUM, IRIS MISSOURIENSIS, GLYCYRRHIZA LEPIDOTA, CORDYLANTHUS, ET AL. THE RARE IVESIA KINGII IS ALSO FOUND HERE. | 63 PLANTS OBSERVED IN 1993, 171 IN 1995.  |
| Long Valley milk-vetch   | BLM-BISHOP RA        | UNRESTRICTED GRAZING, RECREATION, ORV USE, DROUGHT, RAISING OF LAKE CROWLEY, AND DUMPING ARE THREATS. | IN SANDY OR GRAVELLY VOLCANIC ASH SOIL IN SAGEBRUSH SCRUB WITH ARTEMISIA TRIDENTATA, ACHNATHERUM HYMENOIDES, STIPA COMATA, CHRYSOTHAMNUS VISCIDIFLORUS, PURSHIA AND ERIOGONUM SP.   | MORE THAN 10000 PLANTS IN 1981. POPULATION LARGE AND HEALTHY IN 1983. 3238 PLANTS IN 1986 AT 3 COLONIES. UNKNOWN NUMBER OF PLANTS OBSERVED IN 1988. OVER 500 PLANTS SEEN AT 7 COLONIES IN 1992. INCLUDES FORMER OCCURRENCES #4 AND #14. |
| Long Valley milk-vetch   | BLM-BISHOP RA        | GRAZING COULD THREATEN. INVASIVE SPECIES. 4WD ROADS THROUGHOUT AREA.                                  | SANDY OR GRAVELLY VOLCANIC ASH. ASSOCIATED WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, C. VISCIDIFLORUS, LEYMUS CINEREUS, LEPTODACTYLON PUNGENS, ELYMUS ELYMOIDES, AND STIPA COMATA.  | SEVERAL POPULATIONS IN AREA, APPROXIMATELY 3 MILES LONG. NORTHERN PART OF OCCURRENCE HEAVILY GRAZED BUT POPULATION DOING WELL (1983). SOUTH PORTION IS EXCELLENT QUALITY SITE BUT EASY ACCESS. INCLUDES FORMER OCCURRENCE #6.           |
| Long Valley milk-vetch   | LADWP, USFS-INYO NF  | EXCESSIVE GRAZING.  | ASSOCIATED WITH ARTEMISIA TRIDENTATA, PURSHIA TRIDENTATA AND ERIOGONUM SP.  | LESS THAN 50 PLANTS IN LESS THAN 1 HA IN 1981. APPROXIMATELY 60 SEEN IN 1983, SOME ON EDGE OF ALKALINE MEADOW AND ON SANDY PUMICE. NEARBY CORRALS USED FOR GATHERING CATTLE. GOOD REGENERATION. SOME MORPH VARIATION.                   |
| Long Valley milk-vetch   | BLM-BISHOP RA, LADWP | EXCESSIVE GRAZING.  | IN SAGEBRUSH SCRUB, ASSOCIATED WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, C. VISCIDIFLORUS, LEPTODACTYLON PUNGENS, ACHNATHERUM HYMENOIDES, LUPINUS, STIPA, PURSHIA AND ERIOGONUM. ASHY VOLCANIC SOIL.                              | 26 PLANTS IN 1 AC IN 1981. 100+ PLANTS IN 1983; WIDELY SCATTERED. 3164 PLANTS OBSERVED IN 1987. 1000-10,000 PLANTS OBSERVED IN 1988.  |
| Long Valley milk-vetch   | BLM-BISHOP RA        | THREATS INCLUDE MODERATE GRAZING, ORVS.   | SCATTERED IN OPEN PLACES BETWEEN SAGEBRUSH ON PUMICY SAND AND GRAVEL.   | APPROXIMATELY 100 PLANTS IN 1983. GOOD REPRODUCTION, VIGOROUS PLANTS BUT SMALL POPULATION.  |

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|------------------------|-----------------|---|---|---|
| Long Valley milk-vetch | BLM             | GRAZING IN AREA, BUT LITTLE TO NO GRAZING OF THIS TAXON AS OF 1983. RELATIVELY INACCESSIBLE DUE TO LACK OF ROAD ACCESS. | IN SANDY DUNES SURROUNDED BY ALKALINE MEADOW IN SAGEBRUSH SCRUB ON SANDY PUMICE SOIL. ASSOCIATED WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, ASTRAGALUS PURSHII, LUPINUS, CALOCHORTUS, AND ERIOGONUM AMPULLACEUM.                   | 1000+ PLANTS SEEN IN 1983; POPULATION HEALTHY WITH GOOD REGENERATION.   |
| Long Valley milk-vetch | BLM-BISHOP RA   | GRAZING COULD THREATEN.   | IN SAGE BRUSH SCRUB ON SANDY PUMICE SOIL. ASSOCIATED WITH ERIOGONUM UMBELLATUM, A. PURSHII, LEPTODACTYLON PUNGENS, LUPINUS.   | LESS THAN 1000 PLANTS SEEN IN 1983. SOME PLANTS HAVE BEEN GRAZED. HEALTHY POPULATION, GOOD REGENERATION, RELATIVELY INACCESSIBLE.   |
| Long Valley milk-vetch | BLM             | GRAZING, BUT NOT EXCESSIVE AS OF 1983.  | IN SAGEBRUSH SCRUB ON EDGE OF ALKALINE MEADOW IN SANDY PUMICE SOIL. ASSOCIATED WITH ASTRAGALUS TRIDENTATA, LUPINUS, CHRYSOTHAMNUS NAUSEOSUS, AND C. VISCIDIFLORUS.  | ONLY ONE PLANT FOUND IN 1983; THOROUGH SEARCH MADE.   |
| Long Valley milk-vetch | BLM, PVT        | EXCESSIVE GRAZING.  | IN SAGEBRUSH SCRUB ON CREST OF RIDGE ON ROCKY VOLCANIC SOIL AND PUMICEY SAND. ASSOCIATED WITH LLPINUS, LEPTODACTYLON PUNGENS, PRUNUS ANDERSONII.  | 900 PLANTS IN 1983. HEALTHY POPULATION, GOOD REGENERATION, RELATIVELY INACCESSIBLE.   |
| Long Valley milk-vetch | LADWP, BLM, PVT | EXCESSIVE GRAZING.  | IN SAGEBRUSH SCRUB ON SANDY PUMICEY SOIL AND ROCKY FLATS. ASSOCIATED WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS VISCIDIFLORUS, C. NAUSEOSUS, PURSHIA TRIDENTATA, GRAYIA SPINOSA, ASTRAGALUS LENTIGINOSUS INEPTUS AND A. LENTIGINOSUS SEMOTUS. | 352 PLANTS IN N POLYGON IN 1983; DENSITY OF POP. LOWER THAN AT OTHER SITES. UNKNOWN NUMBER OF PLANTS IN MIDDLE AND SOUTHERN POLYGONS. 1975 AND 1976 DEDECKER COLLECTIONS ATTRIBUTED TO THIS OCCURRENCE. INCLUDES FORMER OCCURRENCE #18. |
| Long Valley milk-vetch | LADWP           |   | IN SAGEBRUSH SCRUB ON PUMICE SOILS WITH ARTEMISIA TRIDENTATA, CAREX DOUGLASII, LEPTODACTYLON PUNGENS, LUPINUS SPP., CHRYSOTHAMNUS NAUSEOSUS, ELYMUS ELYMOIDES, AND ACHNATHERUM HYMENOIDES.  | UNKNOWN NUMBER OF PLANTS OBSERVED IN 1988.  |
| Long Valley milk-vetch | LADWP           |   | IN SAGEBRUSH SCRUB ON PUMICE SOIL WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, C. VISCIDIFLORUS, LEPTODACTYLON PUNGENS, ACHNATHERUM HYMENOIDES, LUPINUS SPP., STIPA SPP., AND ERIOGONUM SPP.   | 3079 PLANTS OBSERVED IN 1987. 1958 AND 1962 DEDECKER COLLECTIONS FROM "NORTH SIDE OF CROWLEY LAKE" ATTRIBUTED TO THIS OCCURRENCE.   |

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|------------------------|-----------------|--|--|--|
| Long Valley milk-vetch | LADWP           | POSSIBLE RAISING OF CROWLEY LAKE WATER LEVEL.  | IN SAGEBRUSH SCRUB ON SANDY, PUMICE SOIL WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS VISCIDIFLORUS, ACHNATHERUM HYMENOIDES, ELYMUS ELYMOIDES, LUPINUS SPP., AND ERIOGONUM SPP.  | 111 PLANTS OBSERVED IN 1986.   |
| Long Valley milk-vetch | LADWP           | THREATS INCLUDE POSSIBLE RAISING OF CROWLEY LAKE WATER LEVEL.  | GROWING IN SMALL BRUSH COVERED HILLS SURROUNDED BY AN ALKALI MEADOW. ON SANDY PUMICE SOILS WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, C. VISCIDIFLORUS, DISTICHLIS SPICATA, AND ERIOGONUM AMPULLACEUM.                                  | 3559 PLANTS OBSERVED IN 1986.  |
| Long Valley milk-vetch | UNKNOWN         |  | AMONG LOW CHAPARRAL ON PLATEAU-LIKE TERRAINE NEAR THE GORGE.   | ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1938 COLLECTION BY PEIRSON; NEEDS FIELDWORK.   |
| Long Valley milk-vetch | USFS-INYO NF    | GRAZING AND TRAMPLING BY LIVESTOCK; RANCH ROAD.  | SAGEBRUSH SCRUB ON EDGE OF ALKALI MEADOW. ON PUMICE SOIL AND SANDY, ASHY SOILS. UPLANDS WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, LUPINUS, DISTICHLIS SPICATA, HESPEROSTIPA COMATA, TRIGLOCHIN CONCINNA, ET AL.                        | PLANTS OCCASIONAL IN 2000, AND APPROX. 500 PLANTS SEEN IN 2005 BY K. NELSON. INYO NF POPULATION #1.  |
| Lemmon's milk-vetch    | UNKNOWN         |  | IN NARROW STRIP OF MEADOW ALONG CREEK.   | NEEDS FIELDWORK.   |
| Lemmon's milk-vetch    | USFS-INYO NF    | VISIBLE DISTURBANCES INCL HATCHERY FACILITIES, RACEWAY, MANY FENCES. THREATS COULD INCLUDE HATCHERY DEVEL., WEEDS. | ALKALINE MEADOW. GROWING MOSTLY IN OPEN AREAS OR AREAS WHERE MEADOW VEGETATION IS LESS DENSE. ASSOCIATED WITH DISTICHLIS SPICATA, LEYMUS TRITICOIDES, CHRYSOTHAMNUS NAUSEOSUS, JUNCUS BALTICUS, ARTEMESIA CANA, MUHLENBERGIA ASPERIFOLIA, ET AL. | 270 PLANTS SEEN IN 2005 BY K. NELSON. INYO NF POPULATION #2. 1945 FERRIS COLLECTION FROM "HOT CREEK FISH HATCHERY" AND 1965 SHARSMITH COLLECTION FROM "NEAR HOT CR., 3 MI E OF CASA DIABLO HOT SPRINGS" ATTRIBUTED TO THIS OCCURRENCE. |
| Lemmon's milk-vetch    | INYO NF         | DISTURBANCES INCLUDE LIVESTOCK GRAZING; WINDMILL AND TROUGHS APPROX 150M W OF SITE.                                | ALKALI MEADOW, LOAMY SOIL, GENERALLY S-FACING. ASSOCIATED WITH CAREX PRAEGRACILIS, POA SECUNDA SSP. JUNCIFOLIA, JUNCUS BALTICUS, PYRROCOMA UNIFLORA VAR. UNIFLORA, DISTICHLIS SPICATA, CHRYSOTHAMNUS NAUSEOSUS, ARTEMISIA TRIDENTATA, ET AL.     | 61 PLANTS SEEN IN 2005 BY K. NELSON. COLLECTION FROM 1938 FROM "NEAR THE WINDMILL, HOT CREEK REGION, 7000 FEET" (PEIRSON #12614) ALSO ATTRIBUTED HERE. INYO NF POPULATION #1.  |

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|------------------------|----------------------|--|--|--|
| Lemmon's milk-vetch    | USFS-INYO NF         |  | ALKALINE MEADOW; WITH ARTEMISIA CANA.  | NEEDS FIELDWORK.   |
| Lemmon's milk-vetch    | USFS-INYO NF         | SITE IS BISECTED BY POWERLINE ACCESS ROAD, ACTIVE GRAZING IN AREA.   | MOIST MUD HEAVES ALONG ANCIENT LAKE MARGIN. SOMEWHAT ALKALINE SOIL. SAGEBRUSH SCRUB WITH NEARBY SALTGRASS MEADOWS. WITH ARTEMISIA CANA, CHRYSOTHAMNUS NAUSEOSUS, SENECIO HYDROPHILUS, AND LUPINUS LEPIDUS.                                       | UNKNOWN NUMBER OF PLANTS SEEN IN 2000, PLANTS SCARCE IN 2002.  |
| Fish Slough milk-vetch | BLM-BISHOP RA, LADWP | CATTLE GRAZING, ORVS, TRESPASS, & VANDALISM THREATEN. INDIVIDUALS IN W POLY SHOWED SIGNS OF HERBIVORY IN 1992 (RABBITS?) | ON ALKALI CRUST FLATS & SURROUNDING SLOUGH, OFTEN IN SHALLOW SWALES. ASSOC WITH CHRYSOTHAMNUS ALBIDUS, DISTICHLIS SPICATA STRICTA, SPARTINA GRACILIS, LEYMUS CINEREUS, SPOROBOLUS AIROIDES, ASTRAGALUS ARGOPHYLLUS ARGOPHYLLUS, & IVESIA KINGII. | W POLY: 32 PLANTS IN N PORTION OF POLY IN 1981 (SEC 25), 5 IN S PORTION IN '81 (SEC 36), 45 IN S PORTION IN '84 (SEC 31), 762 PLANTS IN '92. E POLY: 166 IN '81, 314 PLANTS IN '92. INCLUDES FORMER EOS #2 & 8.                                  |
| Fish Slough milk-vetch | BLM-BISHOP RA, LADWP | MANY PLANTS GRAZED-POSSIBLY BY RABBITS OR RODENTS.   | DRIER AREAS OF ALKALINE MEADOW, IN ALKALI CRUST. ASSOCIATED WITH ELYMUS CINEREUS, CHRYSOTHAMNUS VISCIDIFLORUS, C. ALBIDUS, SPOROBOLUS AIROIDES, JUNCUS BALTICUS, AND DISTICHLIS STRICTA.   | 20 INDIVIDUALS SEEN IN 1981, NONE SEEN IN 1989, 67 SEEN IN 1992 (5 PLANTS ON E SIDE OF CHANNEL, 62 PLANTS ON W SIDE OF CHANNEL). TOTAL # OF PLANTS IN ALL EOS WAS 3,163 IN 1992 AND 1,543 IN 2000.   |
| Fish Slough milk-vetch | LADWP                | CATTLE GRAZING (1983). DECLINE IN POPULATION NUMBERS PROBABLY DUE TO 6 YEARS OF DROUGHT (1992).                          | ALKALINE MEADOW AT EDGE OF SLOUGH. ASSOCIATED WITH DISTICHLIS STRICTA SPICATA, JUNCUS BALTICUS, CHRYSOTHAMNUS ALBIDUS, SPOROBOLUS AIROIDES, AND CALOCHORTUS EXCAVATUS (ALSO RARE).   | N-MOST POLY: UNK # OF PLANTS IN 1989, 19 PLANTS IN '92. MIDDLE POLY: UNK # OF PLANTS IN 1989. S-MOST POLY: 44 PLANTS IN 1983, 29 IN '85, 8 PLANTS IN '92. IN 2000, TOTAL # OF PLANTS IN ALL EOS WAS 1,543 (3,163 IN '92). INCLUDES FORMER EO #6. |
| Mono milk-vetch        | USFS-INYO NF         | GRAZING AND VEHICLES COULD THREATEN.   | ON SANDY PUMICE WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS, PURSHIA TRIDENTATA, GAYOPHYTUM DIFFUSUM, STIPA OCCIDENTALIS, ORYZOPSIS HYMENOIDES, CAREX DOUGLASII, AND PINUS JEFFREYI.  | NUMEROUS SURVEYS MADE OVER VARIOUS PORTIONS OF THIS OCCURRENCE SINCE 1982; NUMBERS OF PLANTS SEEN VARIED FROM 100 TO 1000. NEEDS COMPLETE FIELD SURVEY. INCLUDES FORMER EO #9 AND 14. INCLUDES INYO NF POPULATIONS #8, 9, 10, 12.                |

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|-----------------------|--------------------------------|--|---|--|
| Mono milk-vetch       | USFS-INYO NF                   | 1983 REPORT CITED "ROAD WORK COULD REMOVE POPULATION." | 1983 REPORT FROM "IN SANDY SOIL (DECOMPOSED GRANITE?) ALONG ROAD, IN OPEN, DISTURBED AREAS."  | FEWER THAN 50 PLANTS SEEN IN 1983, AND 100+ IN 1991. NEEDS FIELDWORK TO BETTER DELINEATE OCCURRENCE - DOES PLANT ALSO OCCUR TO NORTH OF ASPEN PARK GROUP SITE? ID VERIFIED BY BARNEBY. |
| Mono milk-vetch       | BLM-BISHOP RA,<br>USFS-INYO NF | THREATS ARE GRADING OF ROAD AND GRAZING.               | LOOSE SAND IN SAGEBRUSH SCRUB IN SLIGHT DEPRESSION. ASSOCIATED WITH ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS NAUSEOSUS, LEPTODACTYLON PUNGENS, CHRYSOTHAMNUS VISCIDIFLORUS, SITANION HYSTRIX, ORYZOPSIS HYMENOIDES, LUPINUS, ERIOGONUM, AND ABRONIA. | ABOUT 120 INDIVIDUALS SEEN IN 1984, 359 PLANTS IN 1985, 100+ IN 1992 (IN SOUTHERN COLONY), 42 IN 1993 (IN NORTHERN COLONY), AND 359 IN 1998 (IN NORTHERN COLONY).                      |
| Shockley's milk-vetch | USFS-INYO NF                   |  |   | UNKNOWN NUMBER OF PLANTS SEEN IN 2005 BY S. WEIS. LOCATION ESTIMATED; NEEDS FIELDWORK TO CONFIRM LOCATION. INYO NF POPULATION #4.  |
| burrowing owl         | UNKNOWN                        |  |   | MVZ #1644 (EGG SET) COLLECTED BY JOSEPH S. DIXON ON 23 APR 1916  |
| smooth saltbush       | UNKNOWN                        |  | BORDER OF LOW HILLS; PLANTS GROWING IN SLIGHT DEPRESSION, POSSIBLY SLIGHTLY ALKALINE, DRY CONDITION.  | OCCURRENCE IS BASED ON A COLLECTION BY PEIRSON IN 1937 AND A COLLECTION BY HOWELL IN 1938. NEEDS FIELDWORK.  |
| upswept moonwort      | USFS-INYO NF                   |  |   | 15 PLANTS SEEN IN 2001 BY UNKNOWN REPORTER. IDENTIFICATION NEEDS CONFIRMATION; REPORTED BY INYO NF AS "BOTRYCHIUM CF. ASCENDENS."  |
| upswept moonwort      | USFS-SIERRA NF                 |  | MOIST AREA WITH SALIX LUTEA AND SPARSE, OPEN, GROWN PINUS CONTORTA. ASSOCIATES INCLUDE ARCTOSTAPHYLOS UVA-URSI, SWERTIA RADIATA, PLATANThERA HYPERBOREA. SYMPATRIC WITH THE RARE BOTRYCHIUM CRENLATUM.  | APPROX. 200 PLANTS OBSERVED IN 2005. ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS 2005 TAYLOR COLLECTION. NEEDS FIELDWORK.  |

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|------------------------|----------------|-------------------------------------|---|---|
| scalloped moonwort     | USFS-SIERRA NF |                                     | MOIST AREA WITH SALIX LUTEA AND SPARSE, OPEN, GROWN PINUS CONTORTA. ALSO ASSOC. WITH ARCTOSTAPHYLOS UVA-URSI, SWERTIA RADIATA, PLATANHERA HYPERBOREA. SYMPATRIC WITH THE RARE BOTRYCHIUM ASCENDENS.           | APPROX. 20 PLANTS OBSERVED IN 2005. ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS 2005 TAYLOR COLLECTION. NEEDS FIELDWORK.  |
| scalloped moonwort     | USFS-INYO NF   |                                     | GROWING ON MOIST SOIL ON A SHELF ON AN E-FACING, SHADED CLIFF.  | ONLY SOURCE OF INFORMATION FOR TIS COLLECTION IS 2000 COLLECTION BY YORK & SHEVOCK. NEEDS FIELDWORK.  |
| Swainson's hawk        | LADWP          |                                     |   | DFG SWHA #IN001. IN 1981, 1 ADULT OBSERVED PERCHED IN COTTONWOOD OVERLOOKING PASTURELAND; NEST NOT LOCATED. INACTIVE IN 1994.   |
| Swainson's hawk        | LADWP, BLM     |                                     |   | ONE PAIR DETECTED IN JULY 1984 & JUNE 1986. PAIR SEEN AGAIN IN MAY 1987, BUT NOT SEEN IN JUNE, JULY, OR SEPTEMBER 1987. ADULT CARRYING FOOD CITED AS EVIDENCE OF BREEDING.                                      |
| Swainson's hawk        | LADWP          |                                     | NEST TREE IS A COTTONWOOD; SURROUNDED BY MIXED DESERT SCRUB.  | DFG SWHA #IN004. 2 ADULTS/2 JUVENILES OBSERVED AT THE NEST ON 11 AUG 1983. 2 ADULTS OBSERVED NESTING ON 15 MAY 1984. 2 ADULTS/3 JUVENILES OBSERVED ON 25 JUN 1985. 2 ADULTS/3 JUVENILES OBSERVED ON 1 JUL 1986. |
| Swainson's hawk        | LADWP          |                                     | NEST TREE IS A COTTONWOOD; SURROUNDED BY MIXED DESERT SCRUB.  | DFG SWHA #IN005. 2 ADULTS/1 JUVENILE OBSERVED AT THIS ACTIVE NEST SITE IN JUL 1983. SITE INACTIVE, 1984-86.   |
| Swainson's hawk        | PVT            |                                     |   | DFG SWHA #IN008. 2 ADULTS/2 JUVENILES OBSERVED AT THE NEST ON 26 JUL 1994.  |
| Inyo County star-tulip | LADWP          | SMALL DIRT ROAD THROUGH POPULATION. | IN CLAY LOAM IN MOIST ALKALINE MEADOW; ASSOCIATED WITH DISTICHLIS SPICATA STRICTA, SPOROBOLUS AIROIDES, IRIS MISSOURIENSIS, ROSA WOODSII, CHRYSOTHAMNUS NAUSEOSUS, JUNCUS BALTICUS, AND GLYCYRRHIZA LEPIDOTA. | FEWER THAN 10 PLANTS IN A LESS THAN 1 SQ METER AREA IN 1981, 17 SEEN IN 1982, 0 IN 1992 (DROUGHT), 20 IN 1993, 27 IN 1995, AND 30 IN 1996.  |

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| cname                  | ownermgt             | thrtcom   | ecocom  | gencom  |
|------------------------|----------------------|---|---|---|
| Inyo County star-tulip | LADWP                | RABBITBRUSH IS INVADING HABITAT. HEAVY RECREATION USE | MOIST, ALKALINE, CLAY MEADOW. ASSOCIATED WITH SPOROBOLUS AIROIDES, JUNCUS BALTICUS, DISTICHLIS SPICATA STRICTA, GLYCYRRHIZA LEPIDOTA, SALIX, AND CHRYSOTHAMNUS NAUSEOSUS.   | LESS THAN 50 PLANTS OVER 1-5 SQ METERS IN 1981. ABOUT 50 PLANTS SEEN IN 1982. PLANTS SEARCHED FOR BUT NOT SEEN IN 1992 (DROUGHT?). 90 PLANTS OBSERVED IN 1993. 327 PLANTS SEEN IN 1995 AND 430 IN 1997.                           |
| Inyo County star-tulip | LADWP                |   | IN MOIST, ALKALINE MEADOW WITH DISTICHLIS SPICATA VAR. STRICTA, SPOROBOLUS AIROIDES, CHRYSOTHAMNUS NAUSEOSUS, JUNCUS BALTICUS, ROSA WOODSII, LEYMUS CINEREUS, AND SIDALCEA COVILLEI.  | LESS THAN 100 PLANTS IN 1981, MORE THAN 42 PLANTS OBSERVED IN 1993, 72 PLANTS IN 1995, 19 PLANTS IN 1996, AND 28 PLANTS IN 2002. THE RARE SIDALCEA COVILLEI ALSO OCCURS AT THIS SITE.   |
| Inyo County star-tulip | LADWP                | LIVESTOCK GRAZING.                                    | ON CLAY, ALKALINE SOIL; ASSOCIATED WITH DISTICHLIS SPICATA STRICTA, JUNCUS BALTICUS, IRIS MISSOURIENSIS, SISYRINCHIUM, SIDALCEA COVILLEI, CHRYSOTHAMNUS NAUSEOSUS, SPOROBOLUS AIROIDES, LEYMUS CINEREUS, SALIX AND GLYCYRRHIZA LEPIDOTA.      | LESS THAN 100 PLANTS IN 1981, 0 IN 1992 (DROUGHT?), AND 16 IN 1993.   |
| Inyo County star-tulip | BLM-BISHOP RA, LADWP | CATTLE GRAZING COULD THREATEN. NON-NATIVES.           | IN DRIER AREAS IN SANDY LOAM WITH ALKALI CRUST. ASSOCIATED WITH ASTRAGALUS LENTIGINOSUS VAR. PISCINENSIS, JUNCUS BALTICUS, SPARTINA GRACILIS, DISTICHLIS STRICTA SPICATA, IVESIA KINGII, CHRYSOTHAMNUS ALBIDUS, AND C. NAUSEOSUS.             | APPROXIMATELY 400 PLANTS SEEN IN 1982. INCLUDES FORMER OCCURRENCES 14 & 26. MAPPED AS NON-SPECIFIC POLYGON; PLANTS SCATTERED THROUGHOUT. 1300+ PLANTS OBSERVED IN COLONY NEAR THE NW SPRINGS IN 1993. UNKNOWN # OBSERVED IN 1998. |
| Inyo County star-tulip | LADWP                | CATTLE GRAZING.                                       | IN ALKALINE MEADOW WITH INVADING RABBITBRUSH. CLAY LOAM SOIL. ASSOCIATED WITH SIDALCEA COVILLEI, DISTICHLIS SPICATA STRICTA, SPOROBOLUS AIROIDES, ATRIPLEX TORREYI, LEYMUS CINEREUS, ROSA WOODSII, JUNCUS BALTICUS, AND GLYCYRRHIZA LEPIDOTA. | 13 PLANTS SEEN IN 1982, POP OK IN 1984, 0 PLANTS IN 1992 (DROUGHT?), 9 IN 1993, 150 IN 1995, 18 IN 1996. THE RARE SIDALCEA COVILLEI ALSO OCCURS AT THIS SITE.   |
| Inyo County star-tulip | LADWP                | HISTORICALLY CATTLE GRAZED; NOT PRESENTLY USED.       | IN ALKALINE MEADOW AT EDGE OF SLOUGH. ASSOCIATED WITH DISTICHLIS SPICATA STRICTA, ASTRAGALUS LENTIGINOSUS PISCINENSIS, JUNCUS BALTICUS, CHRYSOTHAMNUS NAUSEOSUS, LEYMUS CINEREUS, AND SPOROBOLUS AIROIDES.                                    | 4 PLANTS SEEN IN 1983, 5 SEEN IN 1993.  |

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|------------------------|-----------------|---|--|---|
| Inyo County star-tulip | LADWP           | GRAZING COULD THREATEN.   | IN A HIGHER AREA WITHIN AN IRRIGATED PASTURE. ASSOCIATED WITH CAREX SP., LEYMUS CINEREUS, SPOROBOLUS AIROIDES, DISTICHLIS SPICATA STRICTA, POA SP., CHRYSOTHAMNUS NAUSEOSUS, AND SIDALCEA COVILLEI.  | 10 PLANTS SEEN IN 1991, BUT POPULATION MAY BE LARGER ACCORDING TO NOVAK SINCE PLANTS ARE DIFFICULT TO LOCATE WHEN NOT IN BLOOM. 16 PLANTS OBSERVED IN 1993, 24 IN 1995, 78 IN 1996. |
| Inyo County star-tulip | LADWP           | CATTLE GRAZING THREATENS.   | ALKALI MEADOW WITH CHRYSOTHAMNUS NAUSEOSUS, ARTEMISIA TRIDENTATA, SARCOBATUS VERMICULATUS, SPOROBOLUS AIROIDES, DISTICHLIS SPICATA STRICTA, BROMUS RUBENS, JUNCUS BALTICUS, GLYCYRRHIZA LEPIDOTA, AND LEYMUS CINEREUS.                         | 2 PLANTS OBSERVED IN 1991, 9 IN 1992, 20 IN 1993, 795 IN 1995, AND 634 IN 2003.   |
| Inyo County star-tulip | LADWP           |   | ALKALINE MEADOW IN SANDY LOAM NEAR SPRING WITH DISTICHLIS SPICATA STRICTA, SPOROBOLUS AIROIDES, SPARTINA GRACILIS, CHRYSOTHAMNUS NAUSEOSUS, JUNCUS BALTICUS, POA, CIRSIUM, AND ROSA WOODSII. ASTRAGALUS ARGOPHYLLUS ARGOPHYLLUS OCCURS NEARBY. | 369 PLANTS SEEN IN 1987, 353 OBSERVED IN 1993.  |
| Inyo County star-tulip | LADWP?          |   | MAP SHOWS PLANTS OCCURRING NEAR CENTAURIUM NAMOPHILUM NEVADENSE, IVESIA KINGII, AND SPARTINA GRACILIS.   | UNKNOWN HOW MANY PLANTS SEEN IN 1989; MAP IS ONLY SOURCE OF INFO.   |
| Inyo County star-tulip | LADWP           | WINTER LIVESTOCK GRAZING.   | ALKALINE MEADOW WITH SPOROBOLUS AIROIDES, DISTICHLIS SPICATA VAR. STRICTA, POA SPP., JUNCUS BALTICUS, CHRYSOTHAMNUS NAUSEOSUS, AND SIDALCEA COVILLEI.  | 120 PLANTS OBSERVED IN 1993. 937 PLANTS OBSERVED IN 2003.   |
| Inyo County star-tulip | LADWP           | WINTER LIVESTOCK GRAZING; MEADOW IS BEING INVADED BY CHRYSOTHAMNUS NAUSEOSUS. | ALKALINE MEADOW WITH DISTICHLIS SPICATA STRICTA, JUNCUS BALTICUS, LEYMUS CINEREUS, PYRROCOMA RACEMOSA, GLYCYRRHIZA LEPIDOTA, SPOROBOLUS AIROIDES, CAREX, CIRSIUM, AND SIDALCEA COVILLEI.   | 3 PLANTS OBSERVED IN 1992, 17 IN 1993, AND 118 IN 1995. SITE APPEARED DRY IN 1992, POSSIBLY DUE TO SIXTH YEAR OF DROUGHT.   |
| Inyo County star-tulip | LADWP           | WINTER LIVESTOCK GRAZING.   | DRY ALKALINE MEADOW INVADED BY CHRYSOTHAMNUS NAUSEOSUS. ASSOCIATED WITH SPOROBOLUS AIROIDES, CAREX DOUGLASII, ASTRAGALUS LENTIGINOSUS, AND PYRROCOMA RACEMOSA.   | 6 PLANTS OBSERVED IN 1993, 190 PLANTS OBSERVED IN 1995.   |



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| Inyo County star-tulip         | LADWP        | ALL PLANTS HAVE BEEN GRAZED BY SOMETHING OTHER THAN LIVESTOCK.   | ASSOCIATED WITH DISTICHLIS SPICATA, CHRYSOTHAMNUS NAUSEOSUS, SPOROBOLUS AIROIDES, IRIS MISSOURIENSIS, AND GLYCYRRHIZA LEPIDOTA.  | OVER 100 PLANTS OBSERVED IN 2000.   |
| Inyo County star-tulip         | LADWP        |  |  | 4 PLANTS OBSERVED IN 1998, 12 IN 1999.  |
| Inyo County star-tulip         | LADWP        |  | ASSOCIATED WITH SPOROBOLUS AIROIDES, DISTICHLIS SPICATA, CHRYSOTHAMNUS NAUSEOSUS, ROSA WOODSII, SIDALCEA COVILLEI, AND JUNCUS BALTICUS.  | 2 PLANTS OBSERVED IN 2002. THE RARE SIDALCEA COVILLEI ALSO OCCURS AT THIS SITE.   |
| Inyo County star-tulip         | UNKNOWN      |  | PINYON-JUNIPER AREA.   | ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1958 COLLECTION BY DEDECKER. NEEDS FIELDWORK.   |
| Booth's hairy evening-primrose | USFS-INYO NF |  |  | NEEDS FIELDWORK.  |
| Owens sucker                   | UNKNOWN      | MANY INTRODUCED EXOTICS. MODERATE TO HEAVY FISHING PRESSURE.   | 1% GRADIENT, MOSTLY MODERATE TO DEEP RUN HABITAT, BANKS VARY FROM STABLE TO ERODING. RIPARIAN VEG VARIES FROM 35% WILLOWS TO 85% GRASSES. LITTLE ALGAE, OCCASIONAL ROOTED AQUATICS. PH 7.8-7.9, ALKALINITY: 130-137 MG/L, CONDUCTIVITY: 182. | BROWN TROUT, RAINBOW TROUT, CARP, BROWN BULLHEAD, BLUEGILL, THREESPINE STICKLEBACK, TUI CHUB & LARGEMOUTH BASS ALSO FOUND HERE.   |
| Owens sucker                   | UNKNOWN      | BANKS GRAZED BY CATTLE AND COLLAPSING IN SOME AREAS. HEAVY FISHING PRESSURE FOR 45,000 PLANTED TROUT IN OWENS RIVER. | MEANDERS THROUGH MEADOW HABITAT. SITES VARY FROM RUNS & FAST RIFFLES WITH DEEPER WATER & UNDERCUT BANKS TO SLOW SHALLOW RUNS OVER FINE BOTTOM. OCCASIONAL ALGAE, ABUNDANT ROOTED AQUATICS. ALKALINITY: 82-116 MG/L, CONDUCTIVITY: 170-580.   | 15 SUCKERS BETWEEN 50 MM & 374 MM FL WERE TAKEN IN A 360 FT SAMPLE SITE IN OWENS RIVER. 4 SUCKERS BTWN 50-349 MM FL TAKEN IN A 280 FT SECTION OF HOT CREEK. BROWN TROUT, RAINBOW TROUT, LAHONTAN TUI CHUB & 3 SPINE STICKLEBACK ALSO FOUND HERE |
| Owens sucker                   | UNKNOWN      | THREATENED BY EXOTIC FISH SPECIES AND HEAVY FISHING PRESSURE FOR WILD TROUT.   | SERIES OF RUNS & LOW GRADIENT RIFFLES OVER COBBLE SUBSTRATE. ROOTED AQUATICS PROFUSE. BANKS STABLE & VEGETATED WITH GRASSES GRADING INTO SAGEBRUSH DESERT SCRUB. SCATTERED JUNIPERS & A FEW JEFFREY PINES ON UPPER SLOPES OF GORGE.          | SITE IS IN DESIGNATED WILD TROUT AREA. 12 SUCKERS BETWEEN 100 MM & >400 MM FL WERE CAPTURED IN A 1305 FT STREAM SECTION. ESTIMATE 55 FISH/MILE. BROWN TROUT, RAINBOW TROUT & LAHONTAN TUI CHUB ALSO FOUND HERE. 1983, 1 FISH, FL RANGE 225-249. |

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|--------------|-----------------|--|---|---|
| Owens sucker | LADWP, PVT      | THREATENED BY WATER DIVERSIONS.  | CREEKS FLOW THROUGH DESERT SCRUB HABITAT. SUBSTRATE VARIOUS COMBINATION OF MUCK/SAND/GRAVEL/COBBLE/RUBBLE.  | YOY SUCKERS ABUNDANT. SUCKERS RANGED IN SIZE FROM 0.5 - 4 INCHES. OWENS DACE AND BROWN TROUT ALSO FOUND HERE.   |
| Owens sucker | LADWP           |  | RELATIVELY UNALTERED STREAM HABITAT. SLOW/MODERATE CURRENT, MAINLY PEBBLE BOTTOM WITH SAND AND COBBLE.  | SUCKERS WERE FOUND IN SECTION 33 WITH RHINICHTHYS OSCULUS AND GAMBUSIA AFFINIS, AND IN SECTION 34 WITH BROWN TROUT.   |
| Owens sucker | LADWP           | INSUFFICIENT FLOWS, NON-NATIVE PREDATORS   | IRRIGATION DITCH MAINTAINED BY DIVERSION FROM THE OWENS RIVER & GROUND WATER PUMPING. WATER TEMP WAS 21 C. NO RIPARIAN. SUBSTRATE 80% MUCK & 20% RUBBLE. 50% ROOTED AQUATIC PLANTS, 5% FLOATING AQUATIC PLANTS. | RHINICHTHYS OSCULUS, GILA BICOLOR, CYPRINUS CARPIO, AND GAMBUSIA AFFINIS ALSO FOUND HERE.   |
| Owens sucker | LADWP           | INSUFFICIENT FLOWS, NON-NATIVE PREDATORS   | IRRIGATION DITCH. 100% MUCK SUBSTRATE, AVERAGE DEPTH 2 FT, AVERAGE WIDTH 9 FT. ABUNDANT ROOTED AQUATIC PLANTS. WATER TEMP WAS 68 F.   | GILA BICOLOR AND GAMBUSIA AFFINIS ALSO FOUND HERE.  |
| Owens sucker | CITY OF BISHOP  | SITE WAS DRY BETWEEN DECEMBER 1988 AND MARCH 1989. INSUFFICIENT FLOWS, NON-NATIVE PREDATORS.                         | SLOW CURRENT, CLEAR WATER, 100% GRAVEL SUBSTRATE. DEPTH IS 3-6 INCHES. WIDTH IS 0.75 YDS. 5% ROOTED AQUATIC PLANTS. 10% SHADE. HABITAT MAINTAINED BY DIVERSION FROM BISHOP CREEK.                               | OWENS DACE ALSO FOUND HERE. POPULATION WILL PROBABLY REESTABLISH EVENTUALLY.  |
| Owens sucker | PVT             | THREATENED BY WATER DIVERSIONS.  |   | TWO 100-M SECTIONS OF C-1 WERE SAMPLED - ONE NORTH & ONE SOUTH OF ROUND VALLEY ROAD. C-5 RUNS PERPENDICULAR TO C-1; C-5 SAMPLED ON EITHER SIDE OF DIRT ROAD THAT PARALLELS C-1. SUCKERS WERE ABUNDANT. OWENS DACE AND BROWN TROUT ALSO PRESENT. |
| Owens sucker | LADWP           | HABITAT IN THE PASTURE IS FREQUENTLY MANIPULATED FOR IRRIGATION AND IS PERIODICALLY DEWATERED. NON-NATIVE PREDATORS. | HABITAT UPSTREAM FROM PASTURELAND HAS SWIFT CURRENT. SOME AREAS DOWNSTREAM ARE VERY MARSHY. OWENS DACE AND BROWN TROUT ALSO FOUND HERE.   | SUCKERS WERE SCARCE; ONLY ONE 4 INCH ADULT WAS FOUND IN 1988. IN 1998, 4 SUCKERS, MEASURING FROM 100-140MM, WERE LOCATED AT TWO SITES UTILIZING QUALITATIVE ELECTROFISHING.   |

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| Owens sucker             | UNKNOWN           |  | MODERATE CURRENT (15 CFS), GRAVEL SUBSTRATE, AVERAGE DEPTH = 1.3 FT, AVERAGE WIDTH = 3.5 YDS, MANY ROOTED AQUATICS, STREAM IN FULL SUN, NEARBY VEGETATION IS MEADOW GRASSES.  | LAHONTAN TUI CHUBS WERE COMMON, GAMBUSIA WERE ABUNDANT. NO OWENS DACE FOUND ALTHOUGH HABITAT LOOKS SUITABLE.   |
| Owens sucker             | USFS-INYO NF, PVT |  | EAST SIDE SIERRA STREAM, TRIBUTARY TO THE OWENS RIVER.  | 1983-84 SURVEY DONE ON MAMMOTH CREEK OBSERVED 101 FISH, FORK LENGTH RANGED FROM 75 TO 374 MM. 7-8 OCT 1993 SURVEY CAPTURED 197 SUCKERS. 20-21 SEPT 1994 SURVEY CAPTURED 213 SUCKERS. REPORT AS UNCOMMON IN MAMMOTH CR, 1995. |
| Owens sucker             | PVT               | AREA IS INFREQUENTLY PLANTED WITH BROWN TROUT. FISHING PRESSURE IS MODERATE. INSUFFICIENT FLOWS, NON-NATIVE PREDATORS. | MAN-MADE IRRIGATION DITCH WHICH IS DIVERTED FROM THE OWEN RIVER ABOUT 3 MILES BELOW PLEASANT VALLEY DAM. RIPARIAN VEGETATION VARIES FROM WELL DEVELOPED TO SPARSE, AQUATIC VEGETATION VARIES FROM DENSE TO SPARSE, SUBSTRATE IS GRAVEL & FINES. | AREA SAMPLED IN 1983 & 1984 SURVEYS. BROWN TROUT, THREESPIKE STICKLEBACK, CUTTHROAT TROUT, TUI CHUB, & BROWN BULLHEAD ALSO FOUND HERE.   |
| Owens sucker             | USFS-INYO NF      | INTRODUCED NON-NATIVE PREDATORS.   | EASTERN SIERRA HIGH ELEVATION LAKE, OWENS RIVER DRAINAGE.   | SUCKERS REPORTED TO BE COMMON IN THE LAKE.   |
| Owens sucker             | UNKNOWN           | INTRODUCED NON-NATIVE PREDATORS.   | EASTERN SIERRA RESERVOIR, OWENS RIVER DRAINAGE.   | SUCKERS REPORTED TO BE COMMON IN THE LAKE.   |
| greater sage-grouse      | UNKNOWN           |  | SAGE DESERT.  | 304 GROUSE IN LEK OBSERVED (172 MALES-DISPLAYING TAILS AND BREAST SACS, SOME TERRITORY DISPUTES; 132 HENS).  |
| northern harrier         | LADWP, BLM        |  | 2 PONDS HAVE BEEN CREATED FOR CYPRINODON RADIOSUS. PONDS ARE CURRENTLY (1992) HEAVILY OVERGROWN WITH CATTAILS. SURROUNDING AREA IS GRASSLAND TO THE WEST AND THE STEEPLY RISING WHITE MTNS TO THE EAST.   | 4 JUVENILES AND 1 ADULT MALE WERE OBSERVED. OTHER ADULT MALES WERE SEEN SOUTH OF BIG PINE & AT KLONDIKE LAKE IN EARLY MAY.   |
| Townsend's big-eared bat | UNKNOWN           |  |   | CSULB MUSEUM #2362.  |

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|--------------------------|-----------------|--|--|--|
| Townsend's big-eared bat | USFS-INYO NF    |  | PINYON - JUNIPER FOREST / DOLOMITE ROCK. SITE USED FOR WINTERING AND ROOSTING.   | 1 OBSERVED IN 1995.  |
| Townsend's big-eared bat | LADWP, DFG      |  | SPRING IN ALKALI MEADOW.   | 2 FORAGING LACTATING FEMALES CAPTURED AND RELEASED ON 18 JUN 1997.   |
| Townsend's big-eared bat | UNKNOWN         |  | DRY WASH THROUGH SCRUB.  | 3 HIBERNATING FEMALES OBSERVED ON 16 JAN 1999.   |
| Hall's meadow hawksbeard | UNKNOWN         |  |  | VICINITY REPORTED IN 1927 COLLECTION BY JONES AND IN UNDATED (CIRCA 1913-1921) COLLECTION BY DAVIDSON #2570 UC. BOTH COLLECTIONS CITED IN ORIGINAL DESCRIPTION OF SPECIES BY BABCOCK AND STEBBINS (1938).  |
| Hall's meadow hawksbeard | UNKNOWN         |  |  | TWO UNDATED COLLECTIONS BY DEDECKER FROM THIS SITE; #3528 (CIRCA 1971) AND #4110 (CIRCA 1976).   |
| Hall's meadow hawksbeard | UNKNOWN         |  |  | VICINITY REPORTED IN 1980 COLLECTION BY B. MILLETT AND K. RINDLAUB (#2082 UCR #25479) AND IN 1989 COLLECTION BY R. GOEDEN AND D. RICKER (#7 UCR #57421).   |
| Hall's meadow hawksbeard | UNKNOWN         |  |  | ONLY SOURCE OF INFORMATION FOR THIS SITE IS UNDATED (CIRCA 1979) COLLECTION BY DEDECKER.   |
| Hall's meadow hawksbeard | UNKNOWN         |  |  | ONLY SOURCE OF INFORMATION FOR THIS SITE IS UNDATED COLLECTION BY DEDECKER (PROBABLY COLLECTED BETWEEN 1979 AND 1992).   |
| Owens pupfish            | BLM             | THREATENED BY CONTINUED INTRODUCTION OF LARGEMOUTH BASS; GAMBUSIA ABUNDANT, CRAYFISH COMMON, SOME BULLFROGS. | SITE HAS DEEP POOL AND WIDE, SHALLOW, PARTIALLY DAMMED CHANNELS. ORIGINALLY ESTABLISHED WITH FISH SLOUGH STOCK. POPULATION IS DOING WELL AS OF 10/93. REFUGIUM PONDS FENCED TO DISCOURAGE INTRODUCTION OF BASS AND DAMAGE BY CATTLE. | IN 1987, 500 IN MAIN POOL/CHANNEL, 300 IN POOLS S OF FENCE. 50 CAUGHT IN 1989. 3 PUPFISH TRAPPED/MANY SEEN, 5/92. PUPFISH COMMON, 5/93 & 10/93. SEVERAL SIZE CLASSES OF PUPFISH OBS IN 1998 & '99 IN PONDS S OF FENCE. 9 PUPFISH TRAPPED IN '99. |

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|---------------|-----------------------------|--|---|---|
| Owens pupfish | LADWP, DFG                  | BASS INTRODUCTION IS A CONSTANT THREAT. CRAYFISH, MOSQUITOFISH, AND BULLFROGS STILL PRESENT. HEAVY RECREATIONAL USE. | TRANSPLANTED FISH SLOUGH STOCK. POPULATION FLUCTUATES BUT SEEMS STABLE. POOL CHEM TREATED 6/86 TO REMOVE GAMBUSIA, & RESTOCKED W/500 FISH FROM OVNFS & BLM SPRING REFUGE. HABITAT IN GOOD CONDITION IN 1989. PONDS HEAVILY OVERGROWN IN 1993. | POP EST 1987: 6500-UPPER POND, 5000-LOWER, 500-CHANNEL BELOW LOWER POND. >50 TRAPPED IN 1989. PUPFISH FLOURISHED AFTER 1986 ELIMINATION OF GAMBUSIA. 33-55 PUPFISH TRAPPED IN 5 OF 7 TRAPS IN 1999. ABUNDANT IN 2001.               |
| Owens pupfish |                             | NO WATER IN 1987, PROBABLY DUE TO DROUGHT.   | EXPERIMENTAL TRANSPLANT INTO HUMAN-CREATED HABITAT. WELL IS CHOKED W/MARSH VEG. BULLFROGS & RED SWAMP CRAYFISH ALSO PRESENT.  |   |
| Owens pupfish |                             |  |   |   |
| Owens pupfish |                             | THREATENED BY GAMBUSIA PRESENCE; COMPETITION W/THIS SPECIES IS GREATEST THREAT TO PUPFISH POP.                       | POOL IS 15 X 7 METERS, 1-2 FT DEEP & LOCATED ALONG A DITCH. HUMANS BATHE ABOUT 1 MI UPSTREAM.   |   |
| Owens pupfish |                             | THREATS INCLUDE NON-NATIVE PREDATORS (CARP, BASS, BULLFROG, GAMBUSIA) PRESENCE IN CHANNEL AND CATTAIL ENCROACHMENT.  | ALKALINE MARSH. CHANNEL BLASTED 1986, IN FAIR COND IN 1987. POOR COND IN 1993. TULES THROUGHOUT. POND COVERED W/ DEEP MAT OF CHARA. NO DIRECT CONNECTION FROM MAIN CHANNEL TO PUPFISH AREA. W/O ALTERATION THIS IS BARELY PASSABLE HABITAT.   |   |
| Owens pupfish | PVT                         |  | POND IS BARELY 5 FEET IN DIAMETER AND ABOUT 2 FEET DEEP. IT IS SURROUNDED BY CATTAILS WITH SUBMERGED CHARA. OWNER OCCASIONALLY PULLS OUT MUCH OF THE VEGETATION TO KEEP IT FROM CHOKING THE POND.   | NO PUPFISH OBSERVED, 5/19/93. ONE YOY FOUND, 10/14/93. OWNER SAID HE HAD SEEN SEVERAL PUPFISH DURING THE SUMMER. POND WAS DRY (LINER CRACKED/POND DRAINED) PRIOR TO FEB 2000 VISIT.   |
| Owens pupfish | LADWP, UC-WHITE MTN RES STN |  | FILAMENTOUS GREEN ALGAE AND CHARA TEND TO OVERTAKE THE PONDS; BY 1996 ALL PONDS WERE OCCLUDED BY CATTAILS. PONDS WERE RECONFIGURED IN SPRING 1999. THE AREA IS MOSTLY BARE DIRT EXCEPT FOR A FEW SMALL COTTONWOODS.                           | IN 9/92 PUPFISH FOUND IN ALL PONDS; YOY ABUNDANT IN POND A, COMMON IN PONDS B & C. IN 5/93 & 10/93 PUPFISH FOUND IN ALL PONDS. "OFFICE POND" DRAINED IN 1997; NO PUFISH. PONDS A, B, & C DRAINED/RECONSTRUCTED IN 1999; NO PUPFISH. |

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|--------------|-------------------|---|--|---|
| July gold    | BLM, USFS-INYO NF | MINING, GRAZING, OHV TRAVEL AND PARKING. PLANTS ON CANYON WALLS APPEAR TO BE THREAT FREE. | ON A GRAVELLY NORTH-FACING SLOPE, A FEW PLANTS IN WASH. ASSOCIATED WITH ATRIPLEX CONFERTIFOLIA, ERIOGONUM HEERMANNII, PETALONYX NITIDUS, PSOROTHAMNUS FREMONTII, MIRABILIS, DALEA, AND ENCELIA. ON POLETA FORMATION LIMESTONE.                   | ABOUT 200 PLANTS SEEN IN 1980, 425 IN 1991, 350 IN 1993, 200 IN 1998, AND "HUNDREDS" IN 2000. INYO NF POPULATION #1.  |
| July gold    | USFS-INYO NF, BLM | MINING AND HYDRO DEVELOPMENT ARE THE LARGEST POTENTIAL THREATS. OHV USE A MINOR THREAT.   | ON NORTH AND SOUTH-FACING TALUS SLOPES OF THE CANYON. ASSOCIATED WITH ATRIPLEX CONFERTIFOLIA, EPHEDRA NEVADENSIS, PETALONYX NITIDUS, MIRABILIS BIGELOVII, M. FROBELII, CHRYSOTHAMNUS VISCIDIFLORUS, C. TERETIFOLIUS, ERIOGONUM HEERMANNII ET AL. | THIS IS THE LARGEST CONTINUOUS STAND KNOWN. 2620 PLANTS COUNTED IN 1987, AND 150 PLANTS SEEN IN PORTION OF OCCURRENCE (NEAR MIDDLE OF S 1/2 OF SECTION 30) IN 2005.               |
| July gold    | BLM, USFS-INYO NF | DUST FROM ORV USE, POTENTIAL MINING ACTIVITY, ROAD.                                       | ON NORTH-FACING CALCAREOUS ROCK. ASSOCIATED WITH ATRIPLEX CONFERTIFOLIA, HECASTOCLEIS SHOCKLEYI, EPHEDRA NEVADENSIS, ARTEMISIA, ACHNATHERUM HYMENOIDES, A. SPECIOSA, ELYMUS ELYMOIDES, MIRABILIS BIGELOVII, STANLEYA ELATA, ET AL.               | 195+ PLANTS OBSERVED IN 1987, 47 IN SINGLE COLONY ALONG S-SIDE OF CANYON IN 1991, 50+ IN COLONY IN CANYON BOTTOM IN 1992, AND 418 PLANTS OBSERVED IN 1998. INYO NF POPULATION #2. |
| July gold    | USFS-INYO NF      |   |  | ONLY SOURCE OF INFORMATION FOR THIS SITE IS PRINTOUT FROM UC OF 1981 COLLECTION BY TAYLOR.  |
| July gold    | USFS-INYO NF      | MOTORCYCLE USE NOTED IN 1991.   | DESERT SCRUB ON POLETA FORMATION (LIMESTONE) AND CAMPITO SANDSTONE.  | IN 1991, 50+ PLANTS IN WESTERNMOST COLONY AND 4 PLANTS IN CENTRAL. 5 PLANTS SEEN IN CENTRAL AND EASTERN COLONIES IN 1998.   |
| July gold    | USFS-INYO NF      | MINING (NUMEROUS MINES IN AREA).  | ON ROCKY SANDSTONE RIDGETOP WITH ATRIPLEX CONFERTIFOLIA, TETRADYMIA, ACHNATHERUM SPECIOSUM, PLEURAPHIS JAMESII, AND SYMPHORICARPOS LONGIFLORUS.  | 25 PLANTS SEEN IN 1998. INYO NF POPULATION #10.   |
| July gold    | USFS-INYO NF      | MINING, PROXIMITY TO ROAD.  | SAGE SCRUB WITH ARTEMISIA SPP, ATRIPLEX CONFERTIFOLIA, HECASTOCLEIS SHOCKLEYI, EPHEDRA NEVADENSIS, ELYMUS ELYMOIDES, ACHNATHERUM SPECIOSUM, A. HYMENOIDES, MENODORA SPINESCENS, AND ERIOGONUM HEERMANNII.  | 525+ PLANTS IN 3 COLONIES IN 1991, AND 40 PLANTS OBSERVED OVER PORTION OF OCCURRENCE IN 1998. INYO NF POPULATIONS #5, 6, AND 7.   |

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|----------------------------|-------------------------|--|---|---|
| July gold                  | USFS-INYO NF, BLM       | RECREATIONAL MINING, BUT NOT CURRENTLY A THREAT IN 2000 OR 2003. | DESERT SCRUB DOMINATED BY ATRIPLEX CONFERTIFOLIA, CHRYSOTHAMNUS TERETIFOLIUS, ERIOGONUM HEERMANNII, HECASTOCLEIS SHOCKLEYI, KRASCHENINNIKOVIA LANATA, TETRADYMIA AXILLARIS, T. GLABRATA. SUBSTRATES ARE CALCAREOUS. | 500+ PLANTS OBSERVED IN 2000, AND UNKNOWN NUMBER SEEN IN 2003. 450 PLANTS SEEN IN SE POLYGON IN 2005. INYO NF POPULATION #11. |
| July gold                  | USFS-INYO NF            |  |   | 4 PLANTS SEEN IN 2005. INYO NF POPULATION #12.  |
| canescent draba            | USFS-INYO NF            |  |   | 23 PLANTS SEEN IN 1979. INYO NF POPULATION #3.  |
| canescent draba            | USFS-INYO NF            |  |   | 100 PLANTS SEEN IN 1979. INYO NF POPULATION #2 (IN PART).   |
| canescent draba            | USFS-INYO NF            |  |   | 103 PLANTS SEEN IN 1979. INYO NF POPULATION #2 (IN PART).   |
| Sweetwater Mountains draba | USFS-INYO NF, SIERRA NF |  | HORNFELS ROCK ON SUMMIT SLOPES.   | ONLY SOURCE IS 1962 COLLECTION. NEEDS FIELDWORK.  |
| spear-fruited draba        | USFS-INYO NF            |  | WET LIMESTONE SCREE, ALONG ROCK CLIFF.  | NEEDS FIELDWORK, INCLUDES ONE OTHER COLLECTION FROM 1963 BY J. MAJOR.   |
| tall draba                 | USFS-INYO NF            |  | TALUS SLOPE ON W SIDE; ON LIMESTONE.  | NEEDS FIELDWORK.  |
| Panamint alligator lizard  | USFS-INYO NF            |  | HABITAT CONSISTS OF A SHALE OUTCROP WITH A SPARSE COVER OF EPHEDRA NEVADENSIS, SARCOBATUS VERMICULATUS, ATRIPLEX CONFERTIFOLIA, PSOROTHAMNUS ARBORESCENS VAR. MINUTIFOLIUS, AND STIPA SPECIOSA.                     | ONE ADULT OBSERVED. LOCAL MINING (ALTHOUGH NOT CURRENT) IN THE SURROUNDING AREA.  |

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|--------------------------------|-----------------|------------------------|--|--|
| Panamint alligator lizard      | USFS-INYO NF    |                        | HABITAT CONSISTS OF CANYON BOTTOM, NEAR WATER, AMONG LARGE AND SMALL TALUS; VEGETATED BY WILLOWS. ROADWAY NEARBY.  | 1 CAPTURED 1 APR 2002/TISSUE SAMPLE TAKEN (SDSU #7870); CAPTIVE AT SAN DIEGO ZOO. 1 CAPTURED 17 APR 2002/TISSUE SAMPLE TAKEN (SDSU #7846); RELEASED. 1 CAPTURED 22 APR 2002/TISSUE SAMPLE TAKEN (SDSU #7848); CAPTIVE AT SAN DIEGO ZOO.          |
| Scribner's wheat grass         | USFS            |                        |  | ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS SITE NAME PROVIDED BY DEDECKER.  |
| willow flycatcher              | UNKNOWN         | DEVELOPMENT. FIRE.     | RIPARIAN HABITAT BORDERING THE OWENS RIVER. DOMINATED BY SANDBAR WILLOW, ARROYO WILLOW & WOOD ROSE. SOME FORMERLY GOOD HABITAT BURNED AND NOW UNSUITABLE. RAILROAD DEVELOPMENT PROPOSED IN 2005. | MVZ SPECIMENS COLLECTED ON 5 JUL 1917 (#27968 - ALSO CITED IN BLM80S), 10 JUL 1917 (#27969 - ALSO CITED IN BLM80S) & 13 JUL 1917 (#27970), DURING RESIDENT PERIOD AS PER PROTOCOLS. NONE DETECTED IN 1986. SW-WIFL MIGRANT DETECTED 31 MAY 2005. |
| willow flycatcher              | USFS-INYO NF    |                        |  | VISUAL WIFL DETECTION ON 17 JUN 2002; NON-MIGRANT BASED ON DATE AS PER PUBLISHED PROTOCOLS.  |
| willow flycatcher              | USFS-INYO NF    |                        |  | VISUAL WIFL DETECTION ON 27 JUN 1998; NON-MIGRANT BASED ON DATE AS PER PUBLISHED PROTOCOLS. AUDITORY WIFL DETECTION FROM STATION ABOUT 0.3 MI TO SW ON 31 MAY 2000; MAY OR MAY NOT HAVE BEEN A MIGRATING INDIVIDUAL.                             |
| southwestern willow flycatcher | LADWP           | HUMAN-CAUSED WILDFIRE. | NATIVE RIPARIAN FOREST DOMINATED BY SALIX GOODINGII AND SALIX EXIGUA WITH A WELL-DEVELOPED UNDERSTORY. THERE IS WATER PRESENT YEAR-ROUND AT THIS SITE.   | 1 PAIR & 1 INDIVIDUAL OBS 8 JUL 2001. 2 BIRDS OBS 11 MAY 2002, 1 SINGING BIRD OBSERVED ON SUBSEQUENT VISIT ON 30 JUN; 1 BIRD OBSERVED 17 MAY AND 30 JUN; 1 PAIR OBSERVED 30 JUN, 2002. 1 PAIR & 1 INDIVIDUAL OBSERVED 25 JUN 2003.               |
| spotted bat                    | UNKNOWN         |                        |  | BATS DETECTED WITH RECORDED CALLS ON 12 APR 1997.  |
| spotted bat                    | UNKNOWN         |                        | DESERT SCRUB, SOME COTTONWOODS.  | 2 FORAGING BATS DETECTED 14 AUG 1997. 2 FORAGING BATS DETECTED 19 OCT 1997.  |



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|--------------------------|-----------------|----------------|---|--|
| prairie falcon           |                 |                |   |  |
| prairie falcon           |                 |                |   |  |
| prairie falcon           |                 |                |   |  |
| prairie falcon           |                 |                |   |  |
| hot springs fimbristylis | LADWP, DFG      |                | ALONG SOD BANKS OF WARM EFFLUENT SPRINGS AND OUTFLOW CHANNELS. ASSOCIATED WITH SARCOBATUS, CHRYSOTHAMNUS, DISTICHLIS, CLEOMELLA, JUNCUS, CAREX, ELEOCHARIS, ATRIPLEX, CIRSIUM, ETC. | UNKNOWN NUMBER OF PLANTS SEEN IN 1977 AND 1986.                          |
| hot springs fimbristylis | UNKNOWN         |                | SANDY LOAM OF DRY COUNTRY ALONG STREAM.   | ONLY SOURCE IS 1964 COLLECTION. EXACT LOCATION UNKNOWN; NEEDS FIELDWORK. |
| hot springs fimbristylis | BLM             |                | OCCURS IN SEASONALLY FLOODED MARSH AND ALKALI TRANSITION HABITATS.  |  |
| hot springs fimbristylis | BLM             |                | OCCURS IN SEASONALLY FLOODED MARSH AND ALKALI TRANSITION HABITATS.  |  |
| Owens tui chub           | LADWP           |                |   | UMMZ #13158 & #13310.  |
| Owens tui chub           | PVT             |                |   | HOLOTYPE UMMZ #14158. 17 OTHERS COLLECTED HERE ALSO.                     |
| Owens tui chub           | PVT             |                |   | UMMZ #140406.  |

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|----------------|-----------------------------|---|---|---|
| Owens tui chub | LADWP                       | PREDATORS HERE ARE TROUT AND SACRAMENTO PERCH. JENKINS FOUND REPRODUCTIVE SUCCESS INVERSELY PROPORTIONAL TO TROUT #S. | LOW NUMBER OF CHUBS, PROBABLY NOT HYBRIDIZED. CRITICAL HABITAT. FOUND ONLY IN SLUGGISH AREAS WITH MUD BOTTOMS & THICK VEGETATION.   | IN 1989 POP <5000, NONE FOUND MORE THAN 5.9 MI BELOW DAM, & REPRO ONLY SIGNIFICANT IN 1ST 2.8 MI. NONE SEEN IN 9/92, 10/93 OR 5/93. 1 CHUB OBSERVED WITHIN 1.5 MI OF DAM IN 1998.   |
| Owens tui chub | PVT                         |   |   | UMMZ #65309 & CALIFORNIA ACADEMY OF SCIENCES MUSEUM SPECIMEN #SU 23043, COLLECTED BY C.H. KENNEDY.  |
| Owens tui chub | PVT                         |   |   | UMMZ #160947.   |
| Owens tui chub | LADWP                       | RAINBOW TROUT THREATEN THE TUI CHUB IN THE CD CHANNEL. PKD DISEASE FOUND IN TROUT & CHUBS.                            | THERMAL SPRING SOURCES USED TO SUPPLY HATCHERY. SPRINGS LIE IN MEADOW AREA CONSISTING OF SEDGES, RUSHES, CREEPING WILDRYE, & ARROYO WILLOW. AQUATIC PLANTS = TULE, WATER CRESS, PONDWEED, DUCKWEED, CHARA, & GREEN ALGAE. CRITICAL HABITAT.     | 101-1000 FOUND NEAR HATCHERY IN 1983 & BOTH CHANNELS IN 1986. CD CHANNEL: 89 FOUND IN 1983, OBSERVED FROM SIDE POOL TO ROCK DAM & NEAR WEIR IN 1992 & 1993, NOT FOUND IN 1998. AB CHANNEL: FOUND FROM WEIR TO SPRINGHEADS IN 1992, 1993 & 1998. |
| Owens tui chub | PVT                         |   |   | UMMZ #133010, 133098, 140399  |
| Owens tui chub | USFS-INYO NF                | 14 INCH BASS SEEN IN SHALLOWS IN 1992. NO BASS SEEN OR TRAPPED IN TWO SURVEYS IN 1993. GAMBUSIA ARE COMMON.           | CHARA FORMS DENSE COVER OVER BOTTOM IN MOST PLACES. SOME BULRUSH IN INLET STREAM. AREA FENCED TO EXCLUDE LIVESTOCK. DAM IN GOOD CONDITION, STAND-PIPE BARRIERS NOT CLOGGED. SEDGES & RUSHES SURROUND PONDS. FED BY HOT SPRING - DOESN'T FREEZE. | ABUNDANT WEST OF DAM IN 1989. FOUND IN POND CLOSEST TO DAM IN 1992. FOUND IN MOST OF THE PONDS BY 1993. 2-5 DOZEN IN EACH POND EXCEPT #1,10 &11 IN 1998. 50-100+ OBSERVED IN EACH POND EXCEPT #1&2 IN 1999. ABUNDENT IN "LAKE" IN ALL YEARS.    |
| Owens tui chub | LADWP, UC-WHITE MTN RES STN |   | HABITAT CONSISTS OF A 50-FT X 10-FT RECTANGULAR POND, FED BY WELL WATER AND DOMINATED BY ALGAE.   | 24 ADULT CHUBS WERE TRANSFERRED FROM THE LOWER OWENS GORGE BY DFG DURING SUMMER AND FALL, 1997. NUMEROUS JUVENILES OBSERVED IN 1998 & 1 ADULT TRAPPED. SMALL SCHOOL (7 FISH) OBS ALONG W EDGE & 2 ALONG SE EDGE OF POND, 8 TRAPPED, SEP 1999.   |
| Owens tui chub | LADWP                       | THREATENED BY BROWN TROUT PREDATION.  |   | ESTIMATED POPULATION OF 155 FISH IN 1995. TWO SITES WERE SAMPLED IN 1996-97, AND 24 ADULTS WERE TRANSFERRED TO THE WHITE MOUNTAIN RESEARCH STATION. IN 1998, CHUB WERE SAMPLED USING TRAPPING AND ELECTROFISHING; NONE WERE FOUND.              |

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|-------------------------------------|--------------|--|--|--|
| Owens tui chub                      | UNKNOWN      |  |  | CALIFORNIA ACADEMY OF SCIENCES MUSEUM SPECIMEN #SU 4813, COLLECTED BY GILBERT DURING KERN RIVER EXPEDITION.  |
| California wolverine                | UNKNOWN      |  |  | ONE OBSERVATION.   |
| Blandow's bog moss                  | USFS-INYO NF |  |  | UNKNOWN NUMBER OF PLANTS SEEN IN 2001.   |
| Inyo hulsea                         | USFS-INYO NF | NATURAL EROSION AND HUMAN-INDUCED EROSION NEAR TRAIL - BICYCLE AND HIKING TRAIL IS ADJACENT TO COLONY. | STEEP VOLCANIC SCREE SLOPES OF LIGHT PINK BISHOP TUFF. MORE COMMON WHERE SCREE IS SMALL, LESS COMMON IN TALUS. W/PRUNUS ANDERSONII, OENOTHERA CAESPITOSA, CRYPTANTHA CONFERTIFLORA, ERIOGONUM NUDUM, BROMUS TECTORUM, AND ALLIUM ATRORUBENS. | LESS THAN 1000 PLANTS SEEN IN 1983. ABOUT 100 PLANTS IN 1998; HEALTHY POPULATION PROBABLY MORE EXTENSIVE ON UPPER SLOPES. TAXONOMIC DETERMINATION OF POPULATION CONFIRMED AS H.V. SSP INYOENSIS IN NOVEMBER 1998. INYO NF POPULATION #1. |
| travertine band-thigh diving beetle | BLM          |  | HABITAT IS A SMALL STREAM FLOWING FROM A SMALL LAKE ON THE NORTH SIDE OF THE ROAD; WATER IS VERY MINERALIZED.  | 7 SPECIMENS COLLECTED, INCLUDING 3 ADULT FEMALES AND 3 ADULT MALES.  |
| alkali ivesia                       | BLM, PVT     | PORTION OF POPULATION MAY BE SUBJECT TO GRAZING.   | IN ALKALI FLAT HABITATS AND IN LOW LYING ALKALI BASINS. ASSOCIATES INCLUDE SCIRPUS, TYPHA, ELEOCHARIS, ELYMUS, POA, JUNCUS, DISTICHLIS, SPARTINA, SPOROBOLUS, ALLENROLFEA, CHRYSOTHAMNUS, ATRIPLEX, AND GLYCERRIA.                           | WITHIN THE BLM-BISHOP RESOURCE AREA, SOME OF THE POPULATION ON PRIVATE LAND.   |
| alkali ivesia                       | LADWP        | POPULATION MAY BE SUBJECT TO GRAZING.  | IN ALKALI MEADOW, ALKALI FLAT, AND LOW LYING ALKALI BASIN HABITATS. ASSOCIATES INCLUDE SPOROBOLUS AIROIDES, DISTICHLIS SPICATA VAR. STRICTA, SPARTINA GRAACILIS, JUNCUS BALTICUS, AND CHRYSOTHAMNUS ALBIDUS.                                 |  |
| alkali ivesia                       | LADWP        |  | IN AN ALKALINE MEADOW WITH DISTICHLIS SPICATA VAR. STRICTA, PUCCINELLIA LEMMONI, CHRYSOTHAMNUS NAUSEOSUS, SPARTINA GRACILIS, AND SCIRPUS NEVEDENSIS.   | POPULATION OCCURS WITHIN <1 HECTARE.   |

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|---------------------------------|--------------|--|--|--|
| alkali ivesia                   | LADWP        |  | IN ALKALINE MEADOW WITH CAREX DOUGLASII, DISTICHLIS SPICATA VAR. STRICTA, SCIRPUS NEVADENSIS, JUNCUS BALTICUS, AND POA NEVADENSIS.                                     | POPULATION GREATER THAN 1 HECTARE IN SIZE.   |
| alkali ivesia                   | UNKNOWN      |  |  | HERBARIUM LABEL IS ONLY SOURCE OF INFORMATION FOR THIS SITE; NEEDS FIELDWORK.              |
| alkali ivesia                   | LADWP        |  | IN AN ALKALINE MEADOW GROWING IN ASSOCIATION WITH DISTICHLIS SPICATA VAR STRICTA, JUNCUS BALTICUS, PUCCINELLIA LEMMONI, SCIRPUS NEVADENSIS, AND POA NEVADENSIS.        |  |
| alkali ivesia                   | LADWP        |  | IN AN ALKALINE MEADOW GROWING IN ASSOCIATION WITH DISTICHLIS SPICATA VAR. STRICTA, JUNCUS BALTICUS, SPARTINA GRACILIS, HAPLOPAPPUS RACEMOSUS, AND PUCCINELLIA LEMMONI. | POPULATION SIZE GREATER THAN 1 HECTARE IN AREA.  |
| alkali ivesia                   | LADWP        |  | IN AN ALKALINE MEADOW GROWING IN ASSOCIATION WITH JUNCUS BALTICUS, DISTICHLIS SPICATA VAR STRICTA, ELEOCHARIS SP., MUHLENBERGIA ASPERIFOLIA, AND PUCCINELLIA LEMMONI.  |  |
| seep kobresia                   | USFS-INYO NF |  | FOUND IN MOIST PLACES IN JOHN MUIR WILDERNESS AREA.  | UNKNOWN WHEN SEEN.   |
| silver-haired bat               | UNKNOWN      |  |  | 1 FEMALE SPECIMEN (LACM #55880) COLLECTED BY K.E. STAGER ON 1 NOV 1977.                    |
| hoary bat                       | UNKNOWN      |  | RIPARIAN CORRIDOR THROUGH DESERT SCRUB.  | 1 FORAGING FEMALE CAPTURED AND RELEASED ON 16 JUN 1997.                                    |
| western white-tailed jackrabbit | LADWP        |  |  | ONE SPECIMEN COLLECTED 6 OCT 1916 BY A. JACKSON AT "ABOVE BISHOP." DEPOSITED AT LACM #241. |
| northern leopard frog           | LADWP        | THREATS INCLUDE GRAZING, AGRICULTURE, AND WATER DIVERSION. | HABITAT CONSISTS OF AN ARTESIAN WELL AND ASSOCIATED MARSH.   | 5 OBSERVED (1 COLLECTED) ON 27 JULY 1994. CAS# 197626.                                     |

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|-----------------------|-----------------|---|---|--|
| northern leopard frog | UNKNOWN         |   |   | 5 INDIVIDUALS (LACM 13838-41 &109943)<br>COLLECTED ON 12 JUL 1953 BY R. L. PHELAN.                       |
| northern leopard frog | UNKNOWN         |   |   | 5 INDIVIDUALS (MVZ #71680-83) COLLECTED ON<br>27 MAR 1960 BY R. HOCK.                                    |
| northern leopard frog | UNKNOWN         |   |   | 1 INDIVIDUAL (MVZ #146353) COLLECTED ON 2<br>SEP 1962 BY R. WINOKUR & H. MIELKE.                         |
| Sierra marten         | UNKNOWN         |   | NEAR ROCK CREEK WITH SOME WILLOWS,<br>ALDERS, ETC.  | ROAD-KILLED MARTEN FOUND 30 M EAST OF<br>HWY 395.  |
| Sierra marten         | UNKNOWN         |   |   | 1 FEMALE AND 1 MALE COLLECTED 15 JUL 2003<br>BY TOM KUCERA. MVZ #208653 & 208655<br>(COMPLETE SKELETONS) |
| Pacific fisher        | USFS-INYO NF    |   | LOGEPOLE PINE FOREST.   |  |
| Torrey's blazing star | UNKNOWN         |   | ON SANDY SLOPE; WITH SARCOBATUS<br>VERMICULATUS, PSOROTHAMNUS EMORYI,<br>LEPIDIUM FREMONTII.  | NEEDS FIELDWORK. GENERAL COLLECTIONS OR<br>REFERENCES FROM FISH SLOUGH ATTRIBUTED<br>TO THIS SITE.       |
| Torrey's blazing star | UNKNOWN         |   |   | NEEDS FIELDWORK.   |
| Torrey's blazing star | USFS-INYO NF    | INVASION OF BROMUS<br>TECTORUM.<br>POSSIBLE THREATS<br>FROM CATASTROPHIC<br>EVENTS (LANDSLIDES)<br>AND DEVELOPMENT. | PLANTS ON CLIFF EDGE IN SHALLOW SOIL<br>DERIVED FROM BISHOP TUFF (VOLCANIC).<br>SLIGHT N-FACING ASPECT; WITH<br>THELYPODIUM LACINIATUM, PURSHIA<br>TRIDENTATA, SALVIA DORRRII, ERIOGONUM<br>UMBELLATUM, E. NUDUM, E. WRIGHTII, E.<br>HEERMANNII, PRUNUS ANDERSONII. | 80 PLANTS ESTIMATED IN 1998.   |

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|-----------------------------|-----------------|----------------|--|---|
| dwarf monolepis             | UNKNOWN         |                |  | MAIN SOURCE OF INFORMATION IS THE LOCATION ON A MATSON PHOTO FROM CALPHOTOS. OTHER COLLECTIONS FROM "1 MILE UPSTREAM FROM BENTON CROSSING" AND "LONG VALLEY: NORTH SIDE OF CROWLEY LAKE" ALSO ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK. |
| Owens Valley vole           | UNKNOWN         |                |  | MVZ #26380-84 COLLECTED 6-10 JUL 1917 BY HALSTEAD WHITE.  |
| Owens Valley vole           | UNKNOWN         |                |  | MVZ #26385-87 COLLECTED 21 - 23 AUG 1917. AND #121521 COLLECTED 4 MAY 1957.   |
| Owens Valley vole           | UNKNOWN         |                |  | MVZ #66622 COLLECTED 21 MAY 1935 BY EMMET HOOPER. INCLUDES A MARGINAL RECORD REPORTED IN HALL 1981 ONLY AS BISHOP CREEK.  |
| Owens Valley vole           | LADWP           |                |  | INFORMATION TAKEN FROM "OWENS BASIN WETLAND AND AQUATIC SPECIES RECOVERY PLAN." NO OTHER INFORMATION GIVEN.   |
| western small-footed myotis | UNKNOWN         |                | RIPARIAN CORRIDOR THROUGH DESERT SCRUB/COTTONWOODS.  | 1 FORAGING INDIVIDUAL CAPTURED AND RELEASED ON 10 NOV 1996.   |
| western small-footed myotis | UNKNOWN         |                | RIPARIAN CORRIDOR THROUGH DESERT SCRUB.              | 2 FORAGING INDIVIDUALS OBSERVED ON 30 AUG 1997.   |
| western small-footed myotis | LADWP, DFG      |                | SPRING IN ALKALI MEADOW, SURROUNDED BY DESERT SCRUB. | 1 FORAGING FEMALE CAPTURED AND RELEASED ON 18 JUN 1997.   |
| western small-footed myotis | UNKNOWN         |                | DRY WASH THROUGH SCRUB.                              | 1 HIBERNATING INDIVIDUAL OBSERVED ON 16 JAN 1999.   |
| long-legged myotis          | USFS-INYO NF    |                |  | ONE MALE NETTED 25 AUG 1992.  |

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|--------------------------|-------------------|---|---|---|
| Lahontan cutthroat trout | BLM, USFS-INYO NF | LIVESTOCK GRAZING   | HABITAT QUALITY IS FAIR   | POPULATION PRESENT IN 1980 AND 1986. TOTAL POPULATION ESTIMATE IN 1982 OF 200 FISH.   |
| Nevada oryctes           | LADWP             | ORV USE.  | SHADSCALE SCRUB WITH ATRIPLEX CONFERTIFOLIA, TETRADYMIA AXILLARIS, PSOROTHAMNUS ABORESCENS, P. POLYDENIA, CHRYSOTHAMNUS NAUSEOSUS, AND ORYZOPSIS HYMENOIDES. SURFACE TEXTURE - SAND AND LOAMY SAND. | 82 PLANTS SCATTERED OVER LARGE AREA IN 1990. PLANTS GROWING ALONG ROADSIDE AND IN OPEN SPACES BETWEEN SHRUBS. 1886 COLLECTION BY SHOCKLEY FROM "BISHOP CREEK" IS ATTRIBUTED TO THIS SITE. |
| Nevada oryctes           | LADWP             | GROWING ALONG DIRT ROAD.                                  | SHADSCALE SCRUB COMMUNITY WITH ATRIPLEX CONFERTIFOLIA, SARCOBATUS VERMICULATUS, CHRYSOTHAMNUS NAUSEOSUS, TETRADYMIA GLABRATA, ORYZOPSIS HYMENOIDES, AND CRYPTANTHA. SOIL SURFACE: LOAMY SAND.       | 9 PLANTS OBSERVED IN 1992.  |
| Nevada oryctes           | LADWP             | SOME PLANTS PARTIALLY GRAZED BY RODENTS OR RABBITS.       | SHADSCALE SCRUB COMMUNITY WITH ATRIPLEX CONFERTIFOLIA, SARCOBATUS VERMICULATUS, CHRYSOTHAMNUS NAUSEOSUS, PSOROTHAMNUS POLYDENIA, TETRADYMIA GLABRATA, T. AXILLARIS, OENOTHERA, AND CRYPTANTHA.      | 28 PLANTS OBSERVED IN 1992.   |
| Nevada oryctes           | LADWP             |   | MIXED DESERT SCRUB WITH EPHEDRA NEVADENSIS, TETRADYMIA AXILLARIS, ATRIPLEX CONFERTIFOLIA, CHRYSOTHAMNUS NAUSEOSUS, AND PSOROTHAMNUS POLYDENIA. INYO SOIL; SANDY SURFACE.                            | 18 PLANTS OBSERVED IN 1991. NO VISIBLE DISTURBANCES.  |
| Nevada oryctes           | LADWP             |   | SHADSCALE SCRUB COMMUNITY WITH EPHEDRA NEVADENSIS, TETRADYMIA GLABRATA, GRAYIA SPINOSA, ATRIPLEX CONFERTIFOLIA, A. CANESCENS, ERIOGONUM, AND PSOROTHAMNUS POLYDENIA. SOIL -SAND.                    | 48 PLANTS OBSERVED IN 1992.   |
| Nevada oryctes           | LADWP             | ALONG DIRT ROAD; TWO PLANTS GRAZED BY RABBITS OR RODENTS. | SHADSCALE SCRUB COMMUNITY WITH SARCOBATUS VERMICULATUS, TETRADYMIA GLABRATA, ORYZOPSIS HYMENOIDES, ATRIPLEX CONFERTIFOLIA, CHRYSOTHAMNUS NAUSEOSUS, PHACELIA, AND CRYPTANTHA. SOIL: - SAND.         | 18 PLANTS OBSERVED IN 1992.   |

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|----------------|-----------------|--|--|---|
| Nevada oryctes | LADWP           | SOME VEHICLE DISTURBANCE NEAR ROAD AND PARKING AREA. | GROWING WITH ATRIPLEX CANESCENS, A. CONFERTIFOLIA, TETRADYDIA AXILLARIS, PSOROTHAMNUS POLYDENIA, CHRYSOTHAMNUS NAUSEOSUS, AND EPHEDRA NEVEDENSIS. SOIL: INYO SAND.   | 61 PLANTS OBSERVED IN 1990.   |
| Nevada oryctes | LADWP           | ORV USE.   | MIXED DESERT SCRUB WITH EPHEDRA NEVADENSIS, ATRIPLEX CANESCENS, A. CONFERTIFOLIA, TETRADYDIA AXILLARIS, CHRYSOTHAMNUS NAUSEOSUS, AND GRAYIA SPINOSA. SOIL: INYO SAND, SURFACE TEXTURE - SAND.                  | 71 PLANTS OBSERVED IN 1991. SITE RECOMMENDED FOR AVOIDANCE DURING MAINTENANCE/CLEAN-UP OF DUCK POND AND ADJOINING CANAL.                            |
| Nevada oryctes | LADWP           |  | EPHEDRA NEVADENSIS, ATRIPLEX CANESCENS, TETRADYDIA AXILLARIS, PSOROTHAMNUS POLYDENIA, AND GRAYIA SPINOSA. SOIL: INYO SAND.   | 30 PLANTS OBSERVED IN 1990. SOME PLANTS CROPPED; POSSIBLY BY SMALL RODENTS OR INSECTS. GRAZING OCCURS NEARBY BUT SITE IS APPARENTLY NOT THREATENED. |
| Nevada oryctes | LADWP           |  | MIXED SCRUB WITH ATRIPLEX CONFERTIFOLIA, TETRADYDIA GLABRATA, PSOROTHAMNUS ARBORESCENS, SARCOBATUS VERMICULATUS, CERATOIDES LANATA, COLDENIA, AND OENOTHERA. SOIL: LOOSE SAND.                                 | 374 PLANTS OBSERVED IN 1990. PLANTS UP TO 6" HIGH. GRAZING OCCURS IN AREA BUT APPARENTLY NOT A THREAT TO THIS SITE.                                 |
| Nevada oryctes | LADWP           | ORV USE.   | MIXED DESERT SCRUB WITH ATRIPLEX CANESCENS, EPHEDRA NEVADENSIS, PSOROTHAMNUS POLYDENIA, AND CHRYSOTHAMNUS NAUSEOSUS. SOIL: POLETA SAND, SURFACE TEXTURE - SAND.  | 25 PLANTS OBSERVED IN 1991.   |
| Nevada oryctes | LADWP           | GRAZING AND ORV USE.                                 | MIXED DESERT SCRUB WITH ATRIPLEX CANESCENS, A. CONFERTIFOLIA, EPHEDRA NEVADENSIS, PSOROTHAMNUS POLYDENIA, P. ARBORESCENS, CERATOIDES LANATA, TETRADYDIA AXILLARIS, ABRONIA, LANGLOSIA, ET AL. SOIL: INYO SAND. | 33 PLANTS OBSERVED IN 1990. 110 OBSERVED IN 1991. SOME GRAZING BY RABBITS OR RODENTS, NO SIGN OF CATTLE USE.  |
| Nevada oryctes | LADWP           | GRAZING, RECREATION, AND ORV USE.                    | MIXED DESERT SCRUB WITH ATRIPLEX CONFERTIFOLIA, PSOROTHAMNUS POLYDENIA, P. ARBORESCENS, CERATOIDES LANATA, TETRADYDIA AXILLARIS, COLDENIA, AND ERIOGONUM. SOIL: INYO SAND.                                     | 117 PLANTS OBSERVED IN 1991. PLANTS FOUND AMONG SHRUBS AND ALONG GRADED ROADSIDE.   |



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| Nevada oryctes                        | LADWP                                | ROAD/TRAIL<br>CONSTRUCTION/MAIN<br>TENANCE.  | SHADSCALE SCRUB WITH ATRIPLEX<br>CONFERTIFOLIA, EPHEDRA NEVADENSIS,<br>CERATOIDES LANATA, PSOROTHAMNUS<br>ARBORESCENS, MENODORA SPINESCENS,<br>AND SARCOBATUS VERMICULATUS. SOIL:<br>MAZOURKA, SURFACE TEXTURE - SANDY<br>LOAM.                              | 160 PLANTS OBSERVED IN 1990. PLANTS<br>ADJACENT TO DIRT ROAD AND AMONG SHRUBS.  |
| Nevada oryctes                        | LADWP                                | ORV USE AND CATTLE<br>GRAZING/TRAILS.        | SHADSCALE SCRUB WITH ATRIPLEX<br>CONFERTIFOLIA, A. TORREYI, A.<br>CANESCENS, EPHEDRA NEVADENSIS,<br>GRAYIA SPINOSA, PSOROTHAMNUS<br>ARBORESCENS, P. POLYDENIA, ORYZOPSIS<br>HYMENOIDES, AND SEVERAL ANNUALS.<br>SANDY SOILS.                                 | 190 PLANTS OBSERVED IN 1990, 65 IN 1991.<br>PLANTS SCATTERED OVER LARGE AREA. SOME<br>PLANTS APPEAR TO HAVE BEEN CROPPED BY<br>RODENTS. |
| Nevada oryctes                        | LADWP                                | GRAZING AND<br>POWERLINE ROAD.               | MIXED SCRUB WITH ATRIPLEX<br>CONFERTIFOLIA, EPHEDRA NEVADENSIS,<br>PSOROTHAMNUS POLYDENIA, P.<br>ARBORESCENS, TETRADYMIA AXILLARIS,<br>SARCOBATUS VERMICULATUS, ORYZOPSIS<br>HYMENOIDES, COLDENIA AND CRYPTANTHA.<br>SANDY SOILS.                            | 78 PLANTS OBSERVED IN 1990.   |
| Nevada oryctes                        | LADWP                                | ORV USE.                                     | SHADSCALE SCRUB WITH ATRIPLEX<br>CONFERTIFOLIA, TETRADYMIA AXILLARIS,<br>PSOROTHAMNUS ABORESCENS, EPHEDRA<br>NEVADENSIS, GRAYIA SPINOSA, AND<br>SARCOBATUS VERMICULATUS. SOIL: POLETA<br>SAND.   | 109 PLANTS OBSERVED IN 1991. PLANTS<br>GROWING BETWEEN SHRUBS AND IN THE DIRT<br>ROAD THAT BISECTS POPULATION.                          |
| small-flowered grass-of-<br>Parnassus | UC-SIERRA NEV<br>AQUATIC<br>RESEARCH | POSSIBLY<br>THREATENED BY<br>FOOT TRAMPLING. | MOIST CREEK BANK.  | 1941 COLLECTION BY DEARING FROM "CONVICT<br>CREEK" ALSO ATTRIBUTED TO THIS<br>OCCURRENCE.   |
| small-flowered grass-of-<br>Parnassus | UNKNOWN                              |  | MOIST SOIL BY SMALL RIVULET ON EDGE OF<br>WET MEADOW.  | ONLY SOURCE OF INFORMATION FOR THIS<br>OCCURRENCE IS A 1938 COLLECTION BY<br>CONSTANCE.   |
| small-flowered grass-of-<br>Parnassus | USFS-INYO NF                         |  | ON SHADED, MOIST SHELVES ON A N-<br>FACING LIMESTONE WALL. ASSOCIATED W/<br>AQUILEGIA SP., BETULA OCCIDENTALIS,<br>CAREX SCIRPOIDEA VAR.<br>PSEUDOSCIROIDEA, JAMESIA AMERICANA<br>VAR. ROSEA, KOBRESIA BELLARDII, PINUS<br>FLEXILIS, SAGINA SAGINOIDES, ETC. |   |

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| scalloped-leaved lousewort | UC-SIERRA NEV<br>AQUATIC<br>RESEARCH | CATTLE HEAVILY<br>GRAZE SIMILIAR<br>HABITAT OUTSIDE<br>FENCE AROUND THE<br>LAB. | FLAT OPEN STREAMSIDE MEADOW ON DARK<br>SOIL WITH SMALL ROCKS BELOW SURFACE.  | THIS IS P. CREMULATA FORMA CANDIDA. ~50<br>PLANTS OBSERVED IN 1978, 130 INDIVIDUALS<br>OVER 300 SQUARE METERS IN 1980, 200 PLANTS<br>SEEN IN 1984. IN 1989 THE MAIN COLONY AND<br>THE OLD ROAD COLONY WERE PRESENT BUT<br>ISLAND COLONY APPEARED EXTIRPATED. |
| Inyo phacelia              | LADWP, BLM                           |   | ABOUT SHRUBS ON SILTY ALKALINE FLATS.  | UNKNOWN NUMBER OF PLANTS SEEN IN 1986.<br>NEEDS FIELDWORK.   |
| Inyo phacelia              | BLM                                  | EPHEMERAL SHEEP<br>GRAZING.   | BLIND SPRINGS GRAVELLY LOAM (MORE<br>COBBLY THAN OTHER AREAS) AT THE BASE<br>OF DESERT SCRUB SHRUB SPECIES.<br>ASSOCIATED WITH TETRADYMIA<br>CANESCENS AND SPOROBOLUS AIROIDES.  | LESS THAN 100 PLANTS SEEN BY HALFORD IN<br>1995.   |
| Inyo phacelia              | BLM                                  | EPHEMERAL SHEEP<br>GRAZING.   | BLIND SPRING GRAVELLY LOAM BETWEEN<br>ROCKY KNOLLS. ASSOCIATED WITH<br>TETRADYMIA CANESCENS AND<br>SARCOBATUS VERMICULATUS.  | UNKNOWN NUMBER OF PLANTS SEEN IN EAST<br>COLONY; SCATTERED INDIVIDUALS IN THE WEST<br>COLONY.  |
| Inyo phacelia              | LADWP, BLM                           | OFF-ROAD VEHICLE<br>TRAVEL. SHEEP<br>GRAZING.                                   | SCATTERED INDIVIDUALS CONFINED TO THE<br>BASE OF TETRADYMIA CANESCENS AND<br>SARCOBATUS VERMICULATUS IN SANDY<br>SUBSTRATE (BLIND SPRINGS GRAVELLY<br>LOAM). ASSOCIATED WITH<br>CHRYSOTHAMNUS NAUSEOSUS,<br>CHRYSOTHAMNUS ALBIDUS, AND<br>SPOROBOLUS AIROIDES. | UNKNOWN NUMBER OF PLANTS SEEN BY<br>HALFORD IN 1995.   |
| Inyo phacelia              | UNKNOWN                              |   | SANDY ALKALINE FLATS. ASSOCIATED WITH<br>ARTEMISIA CANA AND CHRYSOTHAMNUS<br>NAUSEOSUS CONSIMILIS MOSAIC<br>BORDERING DISTICHLIS SPICATA MEADOWS.  | UNKNOWN NUMBER OF PLANTS SEEN IN 1998.<br>NEEDS FIELDWORK.   |
| Inyo phacelia              | UNKNOWN                              |   | MOIST DEPRESSION IN ALKALINE FLAT.   | UNKNOWN NUMBER OF PLANTS SEEN IN 1952.<br>NEEDS FIELDWORK.   |
| Parish's popcorn-flower    | UNKNOWN                              |   | IN MEADOW.   | UNKNOWN NUMBER OF PLANTS SEEN. PER<br>THOMAS, TAXONOMIC IDENTITY QUESTIONABLE.<br>NEEDS FIELDWORK.   |

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| Parish's popcorn-flower  | UNKNOWN             |   |   | UNKNOWN NUMBER OF PLANTS SEEN IN 1978. NEEDS FIELDWORK.  |
| slender-leaved pondweed  | UNKNOWN             |   | SHALLOW WATER.  | ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1969 THORNE & TILFORTH COLLECTION. NEEDS FIELDWORK.  |
| Owens Valley springsnail | LADWP, DFG          | THREATENED BY LIVESTOCK TRAMPLING AND DECREASED SPRING FLOWS; DISTURBED BY VEHICLES (ROAD CROSSES OUTFLOW). | HABITAT IS UPFLOW RHEOCRENE, WITH OUTFLOWS TRUNCATED BY AN ARTIFICIAL POOL; ALSO SMALLER, HIGHLY-DISTURBED SPRING TO THE NORTH. | USNM #853544, COLLECTED 7 FEB 1985; #857988, 19 APR 1987 (MAIN SPRING). USNM #853545, COLLECTED 7 FEB 1985; #857989, 19 APR 1987 (SMALL SPRING NORTH OF MAIN SPRING). ABUNDANT AT MAIN SPRING, 1998; COMMON TO ABUNDANT IN OTHER SPRING CHANNELS |
| Owens Valley springsnail | BLM                 | OUTFLOW OF ONE SPRING IS DIVERTED INTO A CULVERT LEADING SOUTH TO A PRIVATE RESIDENCE.                      | SNAILS INHABIT TRAVERTINE AND GRASS OF SEVERAL SMALL, CLOSELY-SPACED SPRINGS.   | USNM #857986, COLLECTED 21 APRIL 1987, FROM THE NORTH SPRING, AND #857987, COLLECTED 22 APRIL 1987, FROM THE SOUTH SPRING. LOCATED JUST UPHILL FROM A HOUSING DEVELOPMENT.   |
| Owens Valley springsnail | BLM                 |   | SNAILS ARE COMMON IN SILTED MINT(?) MAT OF A SMALL, SWIFT STREAM IN THE CANYON FLOOR.   | USNM #860404 (HOLOTYPE) AND #857955 (PARATYPES) COLLECTED 8 MAY 1987.  |
| Owens Valley springsnail | UNKNOWN             |   | ASSOCIATED WITH CALCAREOUS NODULES AND ROOTS OF WATER PARSNIP AND GRASSES.  | UNKNOWN NUMBER OBSERVED.   |
| Fish Slough springsnail  | BLM                 |   | HABITAT CONSISTS OF A FENCE-LINED IMPOUNDMENT, WITH TWO DAMS BELOW THE SPRINGHEAD.  | USNM #853549, COLLECTED 7 FEBRUARY 1985. ALTHOUGH 1987 SAMPLING INCLUDED UNDERWATER SEARCH OF ALL POSSIBLE MICROHABITATS IN THE SPRING; NO SNAILS WERE FOUND. FEW SNAILS WERE FOUND IN 1998, AND NONE WERE FOUND AROUND THE UPSTREAM DAM BOARD.  |
| Wong's springsnail       | LADWP, USFS-INYO NF |   | SPRING AND SPRING STREAM WITH WATERCRESS.   | SPRING AND 50 METERS OF STREAM SAMPLED 5/14/85. USNM COLLECTION #853532. SPRING SAMPLED AGAIN ON 8 MAY 1987, USNM COLLECTION #857978. 11 COLLECTED 27 SEP 2002 BY C. ZUGMEYER, USNM #1009544.  |

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| Wong's springsnail               | LADWP           | POSSIBLE THREAT FROM ROAD MAINTENANCE.  | HABITAT CONSISTS OF A SPRING SOURCE WITH WATERCRESS AND NETTLES. WEST SPRING IS TYPE LOCALITY FOR PYRGULOPSIS WONGI.   | 1987: USNM #'S 857941, 860403 & 857945. 18 AUG 1998: OBS ON STEMS OF DECOMPOSING VEGETATION, WITHIN WATERCRESS ROOTS & IN SUBSTRATE SURROUNDING SPRING BOILS. 2 COLLECTED 20 JUN 2000 USNM #1011869. 12 COLLECTED 15 MAY 2002, USNM #1006929. |
| Wong's springsnail               | LADWP           | GRAZING   | SEDGE BORDER, NO WILLOWS   | SITE COULD BE PROTECTED BY REDUCING GRAZING IMPACTS. USNM COLLECTIONS: 2002, #1006928; 1987, #857980; 1985, #853537.  |
| Wong's springsnail               | UNKNOWN         |   |  | 10 COLLECTED IN 1988 BY D. GIULIANI. USNM #860455.  |
| Wong's springsnail               | UNKNOWN         |   |  | 25 COLLECTED IN 1988 BY D. GIULIANI. USNM #860456.  |
| Sierra Nevada yellow-legged frog | USFS-INYO NF    |   |  | TOE TISSUE COLLECTED BETWEEN 1995-2004 FROM LIVE INDIVIDUAL THAT WAS RELEASED AFTER TISSUE COLLECTION. SPECIMEN ID = VTV 1555 (VREDENBURG COLLECTION). TAXONOMY DETERMINED VIA MOLECULAR ANALYSIS IN 2006.                                    |
| Owens speckled dace              | LADWP           |   |  | UMMZ #133008 (13 SPEC).   |
| Owens speckled dace              | LADWP           | INTRODUCTIONS OF NON-NATIVE SPECIES, IMPOUNDMENTS, DISRUPTION OF SPRING DISCHARGE BY GROUNDWATER PUMPING. | RELATIVELY UNALTERED STREAM HABITAT. SLOW CURRENT, SUBSTRATE 60% MUCK & 40% PEBBLE/SAND. WILLOW & ROSE RIPARIAN. OWENS SUCKERS & MOSQUITO FISH ALSO PRESENT. | UMMZ #133100 (5 SPECIMENS) COLLECTED 6/27/34  |
| Owens speckled dace              | LADWP, BLM      |   |  | UMMZ #140398 (4 SPEC). DEATH VALLEY SYSTEM.   |

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|---------------------|-----------------|--|--|---|
| Owens speckled dace | LADWP           |  |  | UMMZ #14048 (59 SPECIMENS) & UMMZ #140405 (4 SPECIMENS).  |
| Owens speckled dace | BLM, LADWP      | HEAVILY IMPACTED BY CATTLE GRAZING. CONCRETE BATHING POOLS NEAR THE SPRINGS SUGGEST THE AREA IS ALSO USED FOR RECREATION | SPRINGS DISCHARGE ABOUT 0.75 CFS OF 84 DEGREE F TEMP WATER. STREAM IS 2 FT WIDE & 3 INCHES DEEP. SMALL POPULATION, BUT SEEMS HEALTHY AS INDICATED BY PRESENCE OF SEVERAL AGE GROUPS. NO PARASITIC INFESTATIONS. NO OTHER FISH SPECIES PRESENT. | UMMZ #124836 (168 SPEC) COLLECTED 7/26/38. ACCORDING TO SADA THERE ARE NO HOT SPRINGS IN SEC 21 AND SUGGESTS THAT THIS IS THE CORRECT SITE FOR THE 1938 COLLECTION.   |
| Owens speckled dace | LADWP           |  |  | UMMZ #124839 (16 SPEC)  |
| Owens speckled dace | DFG             | THEY DISAPPEARED FROM HOT CREEK SHORTLY AFTER THE SPRINGS WERE DEVELOPED FOR HATCHERY PURPOSES.                          | ACCORDING TO D. SADA, HOT CREEK REPRESENTED THE ONLY STREAM HABITAT WHERE DACE WERE FOUND. HE SUGGESTS THAT THE POPULATION WAS MAINTAINED BY RECRUITMENT FROM THE SPRING POPULATIONS.  | UMMZ #132154 (98 SPEC).   |
| Owens speckled dace | LADWP           |  |  | UMMZ #132159 (50 SPEC) COLLECTED AT WELL #208.  |
| Owens speckled dace | LADWP           |  |  | UMMZ #140410 (92 SPEC).   |
| Owens speckled dace | LADWP, PVT      | INTRODUCTIONS OF NON-NATIVE SPECIES, IMPOUNDMENTS, DISRUPTION OF SPRING DISCHARGE BY GROUNDWATER PUMPING.                | WATERWAYS FLOW THROUGH DESERT SCRUB HABITAT. SUBSTRATE VARIOUS COMBINATION OF MUCK/SAND/GRAVEL/COBBLE/RUBBLE. DACE NOT FOUND IN AREAS WITH SWIFT CURRENT. POPULATION OCCUPIES <5 MILES OF STREAM.  | DACE IN AREA SINCE 1971. ABUNDANT IN 17 SEP 1988 SURVEY - CATOSTOMUS FUMEIVENTRIS & SALMO TRUTTA ALSO PRESENT. 25 OBTAINED UNDER GORGE ROAD & 47 NEAR BIRCHIM LANE AT ROCK CREEK ROAD VIA ELECTROFISHING ON 7 SEP 1999. |
| Owens speckled dace | PVT             | THREATENED BY WATER DIVERSIONS   |  | TWO 100-M SECTIONS OF C-1 CANAL SAMPLED - ONE NORTH AND ONE SOUTH OF ROUND VALLEY ROAD; ONE DACE COLLECTED. DACE WERE ABUNDANT IN C-5 CANAL. OWENS SUCKERS AND BROWN TROUT ALSO PRESENT.                                |

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| Owens speckled dace | LADWP           | HEAVILY IMPACTED BY CATTLE GRAZING. SWIMMING POOL, NON-NATIVES, GROUNDWATER PUMPING, DAMS.                            | SPRING DISCHARGES ABOUT 2 CFS. FLOW GOES INTO PUBLIC POOL THEN INTO MARSH ABOUT 50 YDS DOWNSTREAM. FLOW CONTINUES AS NARROW STREAM 1.5 FT DEEP & 2 SHALLOW 1 ACRE PONDS. DENSE TYPHA STANDS IN JULY. DACE HAVE HEAVY PARASITIC INFESTATION. | 117 DACE COLLECTED DURING 123 TRAP-HOURS IN SEPTEMBER 1988. SITE IS LEASED BY MONO COUNTY.   |
| Owens speckled dace | LADWP           | INTRODUCTIONS OF NON-NATIVE SPECIES, IMPOUNDMENTS, DISRUPTION OF SPRING DISCHARGE BY GROUNDWATER PUMPING.             | IRRIGATION DITCH MAINTAINED BY DIVERSION FROM THE OWENS RIVER & GROUND WATER PUMPING. WATER TEMP WAS 21 C. BOTTOM IS 80% MUCK & 20% RUBBLE. 50% ROOTED AQUATIC VEGETATION & 5% FLOATING AQUATIC VEGETATION. NO RIPARIAN.                    | CATOSTOMUS FUMEIVENTRIS, GILA BICOLOR, CYPRINUS CARPIO, AND GAMBUSIA AFFINIS ALSO FOUND HERE.  |
| Owens speckled dace | CITY OF BISHOP  | INTRODUCTIONS OF NON-NATIVE SPECIES, IMPOUNDMENTS, GROUNDWATER PUMPING. DRY BETWEEN DEC. 1988 AND MARCH 1989.         | CURRENT IS SLOW AND WATER IS CLEAR. DEPTH IS 3-6 INCHES. WIDTH IS 0.75 YDS. 5% ROOTED AQUATICS. 10% SHADED. SUBSTRATE IS 100% GRAVEL. HABITAT MAINTAINED BY DIVERSIONS FROM BISHOP CREEK.   | JUVENILE OWENS SUCKER ALSO FOUND HERE. DACE HAD NOT REESTABLISHED AS OF 5/10/89, BUT WILL PROBABLY DO SO EVENTUALLY.   |
| Owens speckled dace | UNKNOWN         | INTRODUCTIONS OF NON-NATIVE SPECIES, IMPOUNDMENTS, DISRUPTION OF SPRING DISCHARGE BY GROUNDWATER PUMPING.             |   | UMMZ (134679). ACCORDING TO SADA, DACE ARE STILL PRESENT HERE ALTHOUGH NO DATE WAS GIVEN WHEN HE CHECKED THE SITE.   |
| Owens speckled dace | LADWP           | HABITAT IN THE PASTURE IS FREQUENTLY MANIPULATED FOR IRRIGATION AND IS PERIODICALLY DEWATERED. INTRODUCED NON-NATIVES | HABITAT UPSTREAM FROM THE PASTURELAND WAS TOO SWIFT FOR DACE. SOME AREAS DOWNSTREAM ARE VERY MARSHY. OWENS SUCKERS AND BROWN TROUT ALSO FOUND HERE.   | DACE IN AREA SINCE 1972. SCARCE DURING 1988 SURVEY. 10 OBTAINED AT SITE 1 & 25 AT SITE 2 ON 6 NOV 1998 VIA ELECTROFISHING. 19 OBTAINED AT SITE 1 & 9 AT SITE 2 ON 7 SEP 1999 VIA ELECTROFISHING. |
| bank swallow        | BLM, PVT        | THREATENED BY SOIL EROSION AND FLOODING DUE TO A PROPOSAL TO RAISE THE LAKE LEVEL                                     | MAIN LOCATION IS MADE UP OF 1030 PAIRS, WITH BURROWS CONSTRUCTED IN TUFFA DEPOSITS AND VOLCANIC ASH.  | 2310 BURROWS, 1500 BREEDING PAIRS IN 15-16 SUBGROUPS, 4 LOCATIONS, AND 65% BURROW OCCUPANCY.   |

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| bank swallow              | UNKNOWN      |   |   | COLONY OBSERVED 6/1/92; 24 ADULTS SEEN, MANY USING THE 100+ NEST HOLES. OTHER OBSERVERS REPORTED SEEING 80+ BIRDS THIS YEAR. DURING ANOTHER VISIT ON 6/22/92, IT WAS DISCOVERED THAT WORKERS AT THE NEARBY GRAVEL CO. HAD DESTROYED THE COLONY. |
| short-fruited willow      | USFS-INYO NF |   | GROWING ON LIMESTONE.   | THIS OCCURRENCE INCLUDES THE FOLLOWING COLLECTION SITES: "NE HEAD OF MILDRED LAKE VALLEY, 10,500 FT", "ALONG CREEK AT HEAD ABOVE LAKE MILDRED FLAT, 10,400 FT", AND "EAST SIDE OF LAKE MILDRED FLAT, 10,100 FT".                                |
| short-fruited willow      | USFS-INYO NF |   | ASSOCIATED WITH KOBRESIA MYOSUROIDES, SCIRPUS PUMILUS, AND CAREX PSEUDOSCIRPOIDEA.  | ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1963 COLLECTION BY BRAMBERG AND MAJOR.  |
| short-fruited willow      | USFS-INYO NF |   |   | THIS OCCURRENCE INCLUDES A 2000 COLLECTION FROM YORK & SHEVOCK.   |
| snow willow               | USFS-INYO NF |   | ASSOC W/ AQUILEGIA SP, BETULA OCCIDENTALIS, CAREX SCIRPOIDEA VAR. PSEUDOSCIRPOIDEA, JAMESIA AMERICANA VAR. ROSEA, KOBRESIA BELLARDII, PARNASSIA PARVIFLORA, PINUS FLEXILIS, SAGINA SAGINOIDES, SALIX BRACHYCARPA, & S. RETICULATA SSP. NIVALIS. | 1968 COLLECTION BY PEMBLE FROM "CONVICT CREEK; S OF TRAIL TO BRIGHT DOT LAKE; ON LOWER SLOPES" ALSO ATTRIBUTED HERE.  |
| Owens Valley checkerbloom | LADWP        | CHRYSOTHAMNUS INVASION AND GRAZING THREATEN. WATER WHICH FORMERLY FED THIS AREA HAS BEEN CUT OFF. | IN UPPER MARGINS OF MOIST ALKALINE MEADOW ON CRUSTY ALKALINE CLAY SOIL. ASSOCIATED SPECIES INCLUDE CHYRSOTHAMNUS NAUSEOSUS, DISTICHLIS SPICATA VAR. STRICTA, JUNCUS BALTICUS, CAREX, SALIX, ROSA WOODSII, AND THE RARE CALOCHORTUS EXCAVATUS.   | FIRST NOTED IN 1977. SITE VISITED IN 1978-1982. 100,000+ IN 1983; ~7400 IN 1992; ~33,700 IN 1993; 21,635 IN 1995; 102,300 IN 2001.  |
| Owens Valley checkerbloom | LADWP        | SOME GRAZING, BUT NOT EXCESSIVE IN 1983 PER NOVAK.  | IN ALKALINE MEADOW WITH DISTICHLIS SPICATA VAR. STRICTA, SPOROBOLUS AIROIDES, JUNCUS BALTICUS, ROSA WOODSII, IRIS MISSOURIENSIS, AND CHRYSOTHAMNUS NAUSEOSUS.   | 1000-10,000+ PLANTS IN 1981; 10,000+ PLANTS IN 1983 ON OVER 10 ACRES; 3500+ IN 1992; ~3000 IN 1993; 41,240 IN 1994; 51,002 IN 1995; AND 35,650 IN 1997. OCCURRENCES #12 AND 15 WERE PROBABLY ONE POPULATION AT ONE TIME.                        |

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|---------------------------|-----------------|--|---|---|
| Owens Valley checkerbloom | LADWP           | AREA GRAZED; SOME TRAILING PRESENT AND SOME PLANTS TRAMPLED. SMALL DIRT ROAD GOES THROUGH THE SITE WITH MINIMAL TRAFFIC. | IN MOIST ALKALINE SALTGRASS MEADOW. ASSOCIATED WITH DISTICHLIS SPICATA, JUNCUS BALTICUS, SPOROBOLUS AIROIDES, IRIS MISSOURIENSIS, SISYRINCHIUM HALOPHILUM, CAREX SP, SALIX SP, ETC. THE RARE CALOCHORTUS EXCAVATUS ALSO AT THIS SITE.           | 1000-10,000+ PLANTS SEEN IN 1981 ON 10 ACRES. 10,000+ PLANTS SEEN IN 1982 & 1983 ON 10 ACRES. SEEN IN 1984; 1000+ IN 1992; 2500 IN 1993; 78,060 IN 1994; 126,120 IN 1995; 512,000 IN 2001.                                  |
| Owens Valley checkerbloom | LADWP           | GRAZED BUT NOT EXTENSIVELY.  | ALKALINE MEADOW WITH DISTICHLIS SPICATA, JUNCUS BALTICUS, SPOROBOLUS AIROIDES, ROSA WOODSII, SALIX SPP., POPULUS FREMONTII, AND GLYCYRRHIZA LEPIDOTA. CALOCHORTUS EXCAVATUS IS IN THE VICINITY.   | ~10,000 PLANTS SEEN IN 1981; 10,000+ IN 1982 & 1983; 3000 PLANTS SEEN IN 1992; 2500 IN 1993; 115,000 IN 1994; 15,990 IN 1995; 44,700 IN 1996; AND 47,400 IN 1997. OCCURRENCES #12 AND 15 WERE PROBABLY ONCE ONE POPULATION. |
| Owens Valley checkerbloom | LADWP           | SITE IS GRAZED BY CATTLE & ELK. RABBITBRUSH ENCROACHING EDGE OF MEADOW. DIRT ROAD GOES BY POPULATION.                    | MOIST ALKALINE MEADOW WITH JUNCUS BALTICUS, DISTICHLIS SPICATA VAR. STRICTA, SPOROBOLUS AIROIDES, CAREX, ROSA WOODSII, SALIX SPP., CHRYSOTHAMNUS NAUSEOSUS, AND GLYCYRRHIZA LEPIDOTA.   | 1000+ PLANTS SEEN IN 1981-1983; SEEN IN 1984; 1000+ PLANTS IN 1992; 8500 PLANTS OBSERVED IN 1993; 68,096 IN 1994; 51,180 IN 1995; ~66,500 IN 1997 AND 1998.   |
| Owens Valley checkerbloom | LADWP           | BOTH POPULATIONS GRAZED.   | COLONY ON THE NORTH SIDE OF HWY 6 IN HEAVILY GRAZED ALKALINE MEADOW; POPULATION SOUTH OF HWY 6 IN MOIST ALKALINE MEADOW. ASSOCIATED WITH DISTICHLIS SPICATA, JUNCUS BALTICUS, ANEMOPSIS CALIFORNICA, ROSA WOODSII, AND CHRYSOTHAMNUS NAUSEOSUS. | NORTH COLONY: ~500 PLANTS IN 1982 & 1983, NONE IN 1992, 3 IN 1993, 10 IN 1994, 5 IN 1995. SOUTH COLONY: 15 PLANTS IN 1985; NONE IN 1992-1995. DROUGHT (MID 1980'S TO 1992) MAY HAVE AFFECTED SITES.                         |
| Owens Valley checkerbloom | LADWP           | AREA IS GRAZED DURING WINTER AND EARLY SPRING.   | WEEDY IRRIGATED PASTURE. ASSOCIATED WITH CHRYSOTHAMNUS NAUSEOSUS, JUNCUS BALTICUS, SPOROBOLUS AIROIDES, POA, ZYGADENUS, HORDEUM JUBATUM, IRIS, POTENTILLA, HORDEUM JUBATUM, AND TARAXACUM.  | ~100 PLANTS SEEN IN 1984; 1000+ IN 1989; ~1400 IN 1992; ~1300 IN 1993; 50-100 IN 1994; >200 IN 1995; >26,000 IN 2001.   |
| Owens Valley checkerbloom | LADWP           | THREATENED BY GROUNDWATER PUMPING, GRAZING, AND DENSE GROWTH OF WILD RYE.  | MOIST ALKALINE MEADOW ASSOCIATED WITH CHRYSOTHAMNUS NAUSEOSUS, SPOROBOLUS AIROIDES, JUNCUS BALTICUS, LEYMUS TRITICOIDES, CAREX SPP., DISTICHLIS SPICATA VAR. STRICTA, AND PHRAGMITES COMMUNIS. THE RARE CALOCHORTUS EXCAVATUS NEARBY.           | ~100 PLANTS IN 1984, ~800 PLANTS IN 1985, 4 PLANTS IN 1990 AND 1991, ~70 IN 1992, 329 IN 1993, BETWEEN 67 AND 111 IN 1994, 306 IN 1995, 276 IN 1996, 333 IN 1997.   |



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| <b>cname</b>              | <b>ownermgt</b> | <b>thrtcom</b>  | <b>ecocom</b>  | <b>gencom</b>   |
|---------------------------|-----------------|---|--|---|
| Owens Valley checkerbloom | LADWP           | NORTHWEST & EASTERN COLONIES SUBJECTED TO LIVESTOCK GRAZING.  | IN AN ALKALI MEADOW WITH SPOROBOLUS AIROIDES, SISYRINCHIUM HALOPHILUM, CHRYSOTHAMNUS NAUSEOSUS, DISTICHLIS SPICATA VAR. STRICTA, SALIX EXIGUA, LEYMUS TRITICOIDES, CAREX SPP., POA SPP., AND JUNCUS BALTICUS. CALOCHORTUS EXCAVATUS ALSO HERE.   | EASTERN COLONY WITH 71 PLANTS IN 1988, 70+ IN 1992, 149 IN 1993, 263 IN 1996, 275 IN 2002. SOUTHERN COLONY WITH 1 PLANT IN 1990 AND 1993. NW-MOST COLONY WITH 35,800 PLANTS IN 1996. 93,457 PLANTS IN 2002.           |
| Owens Valley checkerbloom | LADWP, CALTRANS |   | IN ALKALINE MEADOW WITH CAREX DOUGLASII, SPOROBOLUS AIROIDES, ELYMUS TRITICOIDES, DISTICHLIS SPICATA VAR. STRICTA, CHRYSOTHAMNUS NAUSEOSUS, JUNCUS BALTICUS, SALIX SPP., POPULUS FREMONTII, ROSA WOODSII, AND EQUISETUM SP.                      | SOUTH COLONY: 10,000+ PLANTS IN 1988; 300,000+ IN 1993; AND 1,700,000 IN 2001. NORTH COLONY: 1000+ IN 1990; 12,000 IN 1993; 23,600 IN 1996; AND 18,589 IN 2002. SOME PLANTS ON CALTRANS ROW ON NORTH SIDE OF HWY 395. |
| Owens Valley checkerbloom | LADWP           | CATTLE GRAZING IS LISTED AS A THREAT.                         | IN ALKALI MEADOW WITH SPOROBOLUS AIROIDES, DISTICHLIS SPICATA VAR. STRICTA, POA JUNCIFOLIA, HAPPLOPAPPUS RACEMOSUS, JUNCUS BALTICUS, AND CHRYSOTHAMNUS NAUSEOSUS.  | APPROX 300 PLANTS OBSERVED IN 1987, 500+ SEEN IN 1992 (SITE VERY DRY), AND 3700 SEEN IN 1993.   |
| Owens Valley checkerbloom | LADWP           | CATTLE GRAZING.   | IN ALKALI MEADOW WITH ELYMUS TRITICOIDES, DISTICHLIS SPICATA VAR. STRICTA, JUNCUS BALTICUS, SPOROBOLUS AIROIDES, CAREX SP., CHRYSOTHAMNUS NAUSEOSUS, ANEMOPSIS CALIFORNICA, AND GLYCYRRHIZA LEPIDOTA.  | ABOUT 100 PLANTS SEEN IN 1987, 765 PLANTS IN 1992, ~900 IN 1993, 1100+ IN 1994, 755 IN 1995, AND 1517 IN 2004.  |
| Owens Valley checkerbloom | LADWP           |   | ALKALINE MEADOW WITH DISTICHLIS SPICATA STRICTA, CAREX SPP., SPOROBOLUS AIROIDES, JUNCUS BALTICUS, AND CHRYSOTHAMNUS NAUSEOSUS.  | 59 PLANTS OBSERVED IN 1992, 20 IN 1993, NOT SEEN IN 1994, 46 IN 1995, 54 IN 1996, AND >50 IN 2001.  |
| Owens Valley checkerbloom | LADWP           | CATTLE GRAZING, GOPHER ACTIVITY, WEED AND SHRUB ENCROACHMENT. | WET ALKALINE MEADOW WITH LEYMUS TRITICOIDES, DISTICHLIS SPICATA, JUNCUS BALTICUS, CREPIS RUNCINATA HALLII, CORDYLANTHUS SP., GLYCYRRHIZA LEPIDOTA, SPOROBOLUS AIROIDES, ROSA WOODSII, BASSIA HYSSOPIFOLIA, HELIANTHUS ANNUUS, CHRYSOTHAMNUS ETC. | 19,400 PLANTS OBSERVED IN 1995, 9470 IN 1996. VEGETATION AT THIS SITE IS TALL AND DENSE. SOME SIDALCEA WITH SEVERAL FLOWER STALKS.  |
| alkali tansy-sage         | UNKNOWN         |   | ALKALINE FLAT AT HEAD OF LAKE.   | NEEDS FIELDWORK.  |

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|---------------------------|----------------------|---|---|--|
| alkali tansy-sage         | UNKNOWN              |   | WHITE ALKALI FLATS BORDERING CHRYSOTHAMNUS NAUSEOSUS WITH SPARSE TURF.  | NEEDS FIELDWORK.   |
| prairie wedge grass       | UNKNOWN              |   | IN WET MUD OF SPRING EFFLUENT GROWING WITH ATRIPLEX, POPULUS, PHRAGMITES, AND CHRYSOTHAMNUS.  | SITE DESCRIPTION IS ONLY INFORMATION AVAILABLE FOR THIS POPULATION; NEEDS FIELDWORK.   |
| foxtail thelypodium       | UNKNOWN              |   | MOIST ALKALINE SOIL SLOPING 5 DEGREES W. DESERT ALKALINE WETLAND WITH CHRYSOTHAMNUS, SPOROBOLUS, ROSA, ATRIPLEX, PHRAGMITES AND SALIX. OCCASIONAL AROUND DESERT WETLANDS IN THE OWENS DRAINAGE. | UNKNOWN NUMBER OF PLANTS SEEN IN 1985. NEEDS FIELDWORK.  |
| foxtail thelypodium       | UNKNOWN              |   | COMMON ON ALKALI FLAT WITH ELMUS CINEREUS, GLYCYRRHIZA LEPIDOTA AND SPOROBOLUS AIROIDES. WHITE COROLLA.   | 1983 COLLECTION BY FERREN "FISH SLOUGH, 1.45 MILES NORTH OF BLM SPRING" ATTRIBUTED TO THIS SITE. UNKNOWN NUMBER OF PLANTS SEEN IN 1983 AND 1984. NEEDS FIELDWORK.  |
| foxtail thelypodium       | UNKNOWN              |   |   | UNKNOWN NUMBER OF PLANTS SEEN IN 1936. NEEDS FIELDWORK.  |
| Transmontane Alkali Marsh | DFG, BLM, LADWP, PVT | HISTORICALLY GRAZED, NOW FENCED AND MANAGED FOR PRESERVATION. | SCIRPUS SP, TYPHA SP, DISTICHLIS SPICATA, JUNCUS SP, CAREX SP, ETC.   | THIS WAS OCC #003 OF CTT52320CA.   |
| little bulrush            | USFS-INYO NF         |   | HUMIC SAND ON WET CALCAREOUS BANK. ASSOCIATED WITH KOBRESIA MYOSUROIDES, HABENARIA HYPERBOREA, SALIX BRACHYCARPA, AND ARCTOSTAPHYLOS UVA-URSI.  | UNKNOWN NUMBER OF PLANTS SEEN IN 1962 AND 1963. ONLY SOURCES ARE OLD COLLECTIONS; NEEDS FIELDWORK.   |
| little bulrush            | USFS-INYO NF         |   | IN HEAVY TURF ON DIKE AT END OF LAKE. ASSOCIATED WITH KOBRESIA MYOSUROIDES AND CAREX PSEUDOSCIROIDEA.   | UNKNOWN NUMBER OF PLANTS SEEN IN 1963. ONLY SOURCES OF INFORMATION FOR THIS OCCURRENCE IS A 1963 COLLECTION AND A GENERAL LOCATION FROM USFS DIGITAL DATA. RARE PLANT SALIX BRACHYCARPA SSP. BRACHYCARPA ALSO OCCURS HERE. |

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| <b>cname</b>               | <b>ownermgt</b>   | <b>thrtcom</b>  | <b>ecocom</b>   | <b>gencom</b>  |
|----------------------------|-------------------|---|---|--|
| Water Birch Riparian Scrub | USFS-INYO NF      | MODERATE GRAZING IMPACT IN UNDERSTORY. THIS WAS OCC #001 OF CTT63510CA.                           | STREAM GRADIENT 2-4 DEGREES. SURROUNDED BY PURSHIA GLANDULOSA, ARTEMISIA TRIDENTATA SCRUB WITH EMERGENT PINUS JEFFREYI, POPULUS TREMULOIDES, AND P. BALSAMIFERA SSP. TRICHOCARPA. DOMINANT BIRCH IS 15-20 FEET AND 2-3 INCHES DBH.      | UNDERSTORY OF CORNUS STOLONIFERA, ROSA, SOLIDAGO, SALIX, ERIGERON, AND SMILACINA RACEMOSA. V-SHAPE WITHIN BROAD FAN (MORAINAL DEPOSITS). MOST OF BIRCH LESS THAN 10 FEET AWAY FROM THE CREEK, ONLY A FEW PLACES WHERE GOES UP ON MOIST SLOPES. |
| Water Birch Riparian Scrub | USFS-INYO NF      | SOME IMPACT BY FISHERMEN (TRAILS) AND SOME GRAZING AT LOWER END. THIS WAS OCC #002 OF CTT63510CA. | BETULA OCCIDENTALIS AS SMALL TREE OF SHRUB DOMINATES ALONG CREEK AND AROUND SEEPS ABOVE STREAMBED WITH SALIX SSP. AND POPULUS TREMULOIDES. UNDERSTORY IS CAREX, AGROSTIS, JUNCUS, AQUILEGIA FORMOSA, SOLIDAGO CANADENSIS, AND ACONITUM. | THE SCREE STANDS ARE ASSOCIATED WITH ARTEMISIA TRIDENTATA AND CHRYSOTHAMNUS NAUSEOSUS. NO SURFACE WATER PRESENT. THEY OCCUR AT BASES OF AVALANCHE CHUTES WITH SALIX SSP. AND ASPEN (SHRUBBY). LOWER END WITH EMERGENT JEFFREY PINES.           |
| Water Birch Riparian Scrub | USFS-INYO NF      | CAMPGROUNDS, FISHING, USE BY PUBLIC   | UPPER END UNDERSTORY OF LODGEPOLE PINE. LOWER END EMERGENT UNDERSTORY OF JEFFREY PINE. 1/2 TO 5-6 DEGREE STREAM GRADIENT. ADJACENT UPLAND VEGETATION IS DRY MEADOW, PINON PINE FOREST AND CHRYSOTHAMNUS SCRUB.                          | ASSOCIATED SPECIES ARE SALIX SSP., ASPEN AT UPPER END. COMMUNITY IS WITHIN 10 FEET OF STREAMSIDE. IN SOME AREAS OVERSTORY IS DOMINATED BY LODGEPOLE OR JEFFREY PINE. THIS WAS OCC #003 OF CTT62510CA.  |
| Water Birch Riparian Scrub | USFS-INYO NF, PVT | GRAZING, ROAD MAINTENANCE, HORSE TRAIL.   | TYPICALLY IN THICK STANDS WITH A DOMINATING OVERSTORY OF JEFFREY PINE. SURROUNDING VEGETATION: MONTANE WILLOW SCRUB, SCATTERED ASPEN AT UPPER REACHES, MOSTLY SCATTERED SINGLE-LEAF PINYON AT THE LOWER END.                            | MIDDLE PORTION OF OCCURRENCE NOT SURVEYED (QUAD 3711855). WATER BIRCH DOMINATES ALMOST CONTINUOUSLY FOR 3.5 MILES OF ROCK CREEK. LOWEST ELEVATION SURROUNDED BY CHRYSOTHAMNUS AND CATTLE PASTURE. THIS WAS OCC #004 OF CTT63410CA.             |
| Water Birch Riparian Scrub | USFS-INYO NF, PVT | PART HAS A ROAD RUNNING ALONG THE NORTHWEST SIDE.   | SPRING. 2-3 SPECIES OF WILLOWS ASSOCIATED WITH SMALL SHRUBBY WATER BIRCH. UNDERSTORY OF ROSA WOODSII, APOCYNUM, SALIX LASIOLEPIS AND SOME OTHER THIN LEAF WILLOWS TOO. SLOPE IS 15 DEGREES.   | THIS WAS OCC #005 OF CTT63510CA.   |
| Water Birch Riparian Scrub | USFS-INYO NF, PVT | MINE TAILINGS IN UPPER PART OF MAIN STAND.  | ALONG MAIN PINE CREEK STAND BETULA OCCIDENTALIS DOMINATES IN CLOSED CANOPY WITHIN 10 FEET OF STREAM. ALSO OCCURS AS UNDERSTORY BENEATH SCATTERED BLACK COTTONWOOD. BLACK COTTONWOOD RIPARIAN OCCURS ADJACENT TO BIRCH.                  | SOME ASPEN AND WILLOW THICKETS. SURROUNDED MOSTLY BY SAGEBRUSH.  |

Title: Digital 395 Middle Mile  
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| cname                      | ownermgt | thrtcom   | ecocom  | gencom   |
|----------------------------|----------|---|---|--|
| Water Birch Riparian Scrub | BLM      | GRAZING,<br>DISTURBANCE TO<br>UNDERSTORY BY<br>CAMPERS. | MOST OF STAND IS DOMINATED SOLELY BY<br>BETULA OCCIDENTALIS WITH NO EMERGENT<br>SPECIES. SOME WILLOWS. LOWER AREA<br>SURROUNDED BY COLEOGYNE SCRUB. A<br>RECENT FIRE INITIATED BIRCH RESPROUTS<br>ABOVE BLM CAMPGROUND. | UNCERTAIN UPPER BOUNDARY OF<br>OCCURRENCE. THIS WAS OCC #007 OF<br>CTT63410CA. |

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| cname              | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| northern goshawk   | POINT   | NON-SPECIFIC | 1      | 0     | 8000      | 3711876 | 11      | 4179752  | 347755  | 37.75242 | -118.72819 | 02S      | 29E   | 25      | N          |
| northern goshawk   | POINT   | NON-SPECIFIC | 1      | 0     | 7600      | 3711876 | 11      | 4180244  | 346198  | 37.75659 | -118.74596 | 02S      | 29E   | 23      | XX         |
| northern goshawk   | POINT   | NON-SPECIFIC | 1      | 0     | 8600      | 3711856 | 11      | 4156444  | 351082  | 37.54298 | -118.68568 | 05S      | 30E   | 04      | XX         |
| northern goshawk   | POINT   | NON-SPECIFIC | 1      | 0     | 8400      | 3711856 | 11      | 4156503  | 347842  | 37.54298 | -118.72235 | 05S      | 30E   | 06      | XX         |
| coyote gilia       | POINT   | NON-SPECIFIC | 1      | 0     | 4300      | 3711843 | 11      | 4148657  | 381745  | 37.47725 | -118.33743 | 05S      | 33E   | 34      | XX         |
| Yosemite toad      | POLYGON | SPECIFIC     | 0      | 15    | 10000     | 3711857 | 11      | 4157088  | 334445  | 37.54594 | -118.87406 | 05S      | 28E   | 02      | NE         |
| Yosemite toad      | POLYGON | NON-SPECIFIC | 0      | 58.8  | 10500     | 3711847 | 11      | 4151365  | 337965  | 37.49501 | -118.83298 | 05S      | 29E   | 20      | XX         |
| Yosemite toad      | POINT   | SPECIFIC     | 80m    | 0     | 9830      | 3711857 | 11      | 4152593  | 339532  | 37.50634 | -118.81552 | 05S      | 29E   | 21      | NW         |
| California floater | POLYGON | NON-SPECIFIC | 0      | 238.1 | 4200      | 3711844 | 11      | 4140307  | 373787  | 37.40095 | -118.42598 | 06S      | 32E   | 26      | XX         |
| pallid bat         | POLYGON | NON-SPECIFIC | 0      | 642   | 4430      | 3711843 | 11      | 4141400  | 382976  | 37.41201 | -118.32236 | 06S      | 33E   | 23      | XX         |
| pallid bat         | POINT   | NON-SPECIFIC | 1      | 0     | 4900      | 3711854 | 11      | 4152550  | 376061  | 37.51158 | -118.40235 | 05S      | 33E   | 18      | XX         |

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| cname                    | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| golden eagle             | POINT   | NON-SPECIFIC | 1      | 0     | 4900      | 3711854 | 11      | 4152550  | 376061  | 37.51158 | -118.40235 | 05S      | 33E   | 18      | XX         |
| pinyon rock-cress        | POINT   | NON-SPECIFIC | 1      | 0     | 7000      | 3711856 | 11      | 4157006  | 355178  | 37.54869 | -118.63944 | 05S      | 30E   | 01      | XX         |
| stylose rock-cress       | POLYGON | SPECIFIC     | 0      | 41.6  | 10100     | 3711866 | 11      | 4177667  | 354197  | 37.73469 | -118.65467 | 02S      | 30E   | 34      | NW         |
| silver-leaved milk-vetch | POLYGON | SPECIFIC     | 0      | 141.3 | 4200      | 3711844 | 11      | 4148902  | 376063  | 37.47871 | -118.40172 | 05S      | 33E   | 30      | SW         |
| silver-leaved milk-vetch | POINT   | SPECIFIC     | 80m    | 0     | 4200      | 3711844 | 11      | 4150234  | 375885  | 37.49069 | -118.40396 | 05S      | 33E   | 30      | NW         |
| silver-leaved milk-vetch | POINT   | SPECIFIC     | 80m    | 0     | 4600      | 3711843 | 11      | 4150260  | 382254  | 37.49176 | -118.33194 | 05S      | 33E   | 22      | SE         |
| silver-leaved milk-vetch | POLYGON | SPECIFIC     | 0      | 6.5   | 4080      | 3711843 | 11      | 4138664  | 380816  | 37.38708 | -118.34633 | 06S      | 33E   | 34      | NW         |

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| cname                    | ftype   | precision    | radius | area   | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|--------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| silver-leaved milk-vetch | POLYGON | SPECIFIC     | 0      | 3.2    | 4011      | 3711843 | 11      | 4138014  | 381574  | 37.38132 | -118.33766 | 06S      | 33E   | 34      | SE         |
| Long Valley milk-vetch   | POLYGON | NON-SPECIFIC | 0      | 6179.8 | 6880      | 3711867 | 11      | 4167905  | 342657  | 37.64483 | -118.78347 | 03S      | 29E   | 33      | XX         |
| Long Valley milk-vetch   | POLYGON | SPECIFIC     | 0      | 687.8  | 6800      | 3711867 | 11      | 4174683  | 344414  | 37.70619 | -118.76501 | 03S      | 29E   | 10      | XX         |
| Long Valley milk-vetch   | POINT   | NON-SPECIFIC | 1/5    | 0      | 6800      | 3711867 | 11      | 4176883  | 341310  | 37.72548 | -118.80069 | 02S      | 29E   | 32      | S          |
| Long Valley milk-vetch   | POLYGON | NON-SPECIFIC | 0      | 180.1  | 6800      | 3711866 | 11      | 4170983  | 346311  | 37.67318 | -118.74272 | 03S      | 29E   | 23      | NE         |
| Long Valley milk-vetch   | POINT   | NON-SPECIFIC | 1/5    | 0      | 6700      | 3711866 | 11      | 4170256  | 347776  | 37.66687 | -118.72596 | 03S      | 29E   | 24      | SE         |

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| cname                  | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Long Valley milk-vetch | POINT   | NON-SPECIFIC | 1/10   | 0    | 6960      | 3711867 | 11      | 4172606  | 338370  | 37.68644 | -118.83308 | 03S      | 28E   | 13      | SE         |
| Long Valley milk-vetch | POINT   | NON-SPECIFIC | 1/5    | 0    | 6880      | 3711867 | 11      | 4171414  | 343533  | 37.67659 | -118.77430 | 03S      | 29E   | 21      | NE         |
| Long Valley milk-vetch | POINT   | NON-SPECIFIC | 1/10   | 0    | 6940      | 3711867 | 11      | 4172220  | 339120  | 37.68309 | -118.82449 | 03S      | 29E   | 18      | SW         |
| Long Valley milk-vetch | POLYGON | SPECIFIC     | 0      | 26.3 | 6960      | 3711867 | 11      | 4171708  | 341107  | 37.67882 | -118.80186 | 03S      | 29E   | 20      | NW         |
| Long Valley milk-vetch | POLYGON | NON-SPECIFIC | 0      | 149  | 6900      | 3711867 | 11      | 4174903  | 340798  | 37.70755 | -118.80605 | 03S      | 29E   | 08      | NW         |
| Long Valley milk-vetch | POLYGON | SPECIFIC     | 0      | 59   | 6900      | 3711866 | 11      | 4175982  | 345947  | 37.71816 | -118.74790 | 03S      | 29E   | 02      | NW         |
| Long Valley milk-vetch | POLYGON | SPECIFIC     | 0      | 73.5 | 6800      | 3711866 | 11      | 4169331  | 346439  | 37.65832 | -118.74091 | 03S      | 29E   | 26      | E          |



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| cname                  | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Long Valley milk-vetch | POLYGON | SPECIFIC     | 0      | 48.5  | 6800      | 3711866 | 11      | 4167221  | 347178  | 37.63943 | -118.73210 | 03S      | 29E   | 36      | SW         |
| Long Valley milk-vetch | POLYGON | NON-SPECIFIC | 0      | 94.3  | 6800      | 3711867 | 11      | 4170616  | 344847  | 37.66963 | -118.75923 | 03S      | 29E   | 22      | SE         |
| Long Valley milk-vetch | POINT   | NON-SPECIFIC | 4/5    | 0     | 7200      | 3711867 | 11      | 4169393  | 338344  | 37.65748 | -118.83266 | 03S      | 28E   | 25      | XX         |
| Long Valley milk-vetch | POLYGON | SPECIFIC     | 0      | 105.9 | 6870      | 3711867 | 11      | 4177733  | 342870  | 37.73340 | -118.78317 | 02S      | 29E   | 33      | W          |
| Lemmon's milk-vetch    | POLYGON | NON-SPECIFIC | 0      | 88.6  | 6700      | 3711856 | 11      | 4160136  | 345929  | 37.57539 | -118.74476 | 04S      | 29E   | 26      | XX         |
| Lemmon's milk-vetch    | POLYGON | SPECIFIC     | 0      | 5     | 7060      | 3711867 | 11      | 4167728  | 336765  | 37.64220 | -118.85018 | 03S      | 28E   | 35      | SE         |
| Lemmon's milk-vetch    | POLYGON | SPECIFIC     | 0      | 0.2   | 7000      | 3711867 | 11      | 4176975  | 339780  | 37.72604 | -118.81805 | 02S      | 29E   | 31      | SW         |

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| cname                  | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Lemmon's milk-vetch    | POLYGON | NON-SPECIFIC | 0      | 72.7  | 7000      | 3711867 | 11      | 4178323  | 338664  | 37.73799 | -118.83102 | 02S      | 28E   | 36      | N          |
| Lemmon's milk-vetch    | POINT   | SPECIFIC     | 80m    | 0     | 6950      | 3711867 | 11      | 4178805  | 341876  | 37.74289 | -118.79468 | 02S      | 29E   | 29      | SE         |
| Fish Slough milk-vetch | POLYGON | SPECIFIC     | 0      | 338   | 4160      | 3711844 | 11      | 4148690  | 376198  | 37.47682 | -118.40016 | 05S      | 33E   | 31      | W          |
| Fish Slough milk-vetch | POLYGON | SPECIFIC     | 0      | 14    | 4160      | 3711844 | 11      | 4145458  | 375802  | 37.44764 | -118.40409 | 06S      | 33E   | 07      | NW         |
| Fish Slough milk-vetch | POLYGON | SPECIFIC     | 0      | 29    | 4160      | 3711844 | 11      | 4143632  | 375638  | 37.43116 | -118.40563 | 06S      | 32E   | 13      | NE         |
| Mono milk-vetch        | POLYGON | SPECIFIC     | 0      | 724.1 | 7280      | 3711867 | 11      | 4175750  | 336026  | 37.71434 | -118.86036 | 03S      | 28E   | 02      | XX         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                 | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-----------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Mono milk-vetch       | POLYGON | SPECIFIC     | 0      | 8.2  | 8240      | 3711856 | 11      | 4154218  | 348843  | 37.52256 | -118.71055 | 05S      | 30E   | 08      | SW         |
| Mono milk-vetch       | POLYGON | SPECIFIC     | 0      | 16.2 | 6925      | 3711867 | 11      | 4176744  | 340131  | 37.72402 | -118.81402 | 03S      | 29E   | 06      | NE         |
| Shockley's milk-vetch | POLYGON | SPECIFIC     | 0      | 0.6  | 5300      | 3711833 | 11      | 4134398  | 387342  | 37.34946 | -118.27197 | 07S      | 34E   | 08      | SW         |
| burrowing owl         | POINT   | NON-SPECIFIC | 1/5    | 0    | 4120      | 3711843 | 11      | 4140336  | 380775  | 37.40214 | -118.34705 | 06S      | 33E   | 27      | NW         |
| smooth saltbush       | POINT   | NON-SPECIFIC | 5      | 0    | 6900      | 3711867 | 11      | 4171061  | 339646  | 37.67274 | -118.81827 | 03S      | 29E   | 19      | XX         |
| upswept moonwort      | POLYGON | SPECIFIC     | 0      | 0.6  | 9850      | 3711857 | 11      | 4155812  | 334853  | 37.53452 | -118.86915 | 05S      | 28E   | 12      | NW         |
| upswept moonwort      | POLYGON | NON-SPECIFIC | 0      | 38   | 8100      | 3711857 | 11      | 4161093  | 334461  | 37.58202 | -118.87478 | 04S      | 28E   | 22      | S          |

### 17 Environmental - Critical Habitats Species Accounts

| cname                  | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| scalloped moonwort     | POLYGON | NON-SPECIFIC | 0      | 38    | 8100      | 3711857 | 11      | 4161093  | 334461  | 37.58202 | -118.87478 | 04S      | 28E   | 22      | S          |
| scalloped moonwort     | POINT   | NON-SPECIFIC | 1/5    | 0     | 9890      | 3711857 | 11      | 4155522  | 334669  | 37.53187 | -118.87117 | 05S      | 28E   | 12      | NW         |
| Swainson's hawk        | POINT   | NON-SPECIFIC | 1      | 0     | 4010      | 3711833 | 11      | 4127085  | 380389  | 37.28269 | -118.34927 | 08S      | 33E   | 03      | W          |
| Swainson's hawk        | POINT   | NON-SPECIFIC | 1      | 0     | 4900      | 3711854 | 11      | 4152550  | 376061  | 37.51158 | -118.40235 | 05S      | 33E   | 18      | XX         |
| Swainson's hawk        | POLYGON | NON-SPECIFIC | 0      | 165.7 | 4115      | 3711843 | 11      | 4141847  | 379370  | 37.41558 | -118.36316 | 06S      | 33E   | 21      | NW         |
| Swainson's hawk        | POLYGON | NON-SPECIFIC | 0      | 639.4 | 4045      | 3711833 | 11      | 4130209  | 381216  | 37.31093 | -118.34044 | 07S      | 33E   | 27      | XX         |
| Swainson's hawk        | POLYGON | NON-SPECIFIC | 0      | 43    | 4215      | 3711843 | 11      | 4146083  | 381275  | 37.45399 | -118.34233 | 06S      | 33E   | 03      | SW         |
| Inyo County star-tulip | POLYGON | SPECIFIC     | 0      | 8.3   | 4240      | 3711844 | 11      | 4141377  | 372809  | 37.41047 | -118.43721 | 06S      | 32E   | 23      | SW         |

### 17 Environmental - Critical Habitats Species Accounts

| cname                  | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Inyo County star-tulip | POINT   | SPECIFIC     | 80m    | 0    | 4140      | 3711844 | 11      | 4141119  | 376877  | 37.40869 | -118.39122 | 06S      | 33E   | 19      | SE         |
| Inyo County star-tulip | POINT   | NON-SPECIFIC | 1/10   | 0    | 4400      | 3711844 | 11      | 4139514  | 367280  | 37.39290 | -118.49933 | 06S      | 32E   | 30      | SE         |
| Inyo County star-tulip | POLYGON | SPECIFIC     | 0      | 26.9 | 4000      | 3711843 | 11      | 4138273  | 380990  | 37.38358 | -118.34430 | 06S      | 33E   | 34      | W          |
| Inyo County star-tulip | POLYGON | NON-SPECIFIC | 0      | 218  | 4160      | 3711844 | 11      | 4150569  | 375993  | 37.49372 | -118.40279 | 05S      | 33E   | 19      | SW         |
| Inyo County star-tulip | POINT   | NON-SPECIFIC | 1/10   | 0    | 4100      | 3711843 | 11      | 4140076  | 379556  | 37.39964 | -118.36079 | 06S      | 33E   | 28      | NW         |
| Inyo County star-tulip | POINT   | SPECIFIC     | 80m    | 0    | 4160      | 3711844 | 11      | 4143758  | 375733  | 37.43232 | -118.40459 | 06S      | 32E   | 13      | NE         |

### 17 Environmental - Critical Habitats Species Accounts

| cname                  | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Inyo County star-tulip | POLYGON | SPECIFIC     | 0      | 36.7 | 4225      | 3711844 | 11      | 4138442  | 373461  | 37.38411 | -118.42935 | 06S      | 32E   | 35      | NE         |
| Inyo County star-tulip | POINT   | NON-SPECIFIC | 1/10   | 0    | 4021      | 3711833 | 11      | 4127517  | 379687  | 37.28648 | -118.35726 | 08S      | 33E   | 04      | NE         |
| Inyo County star-tulip | POLYGON | SPECIFIC     | 0      | 26.8 | 4640      | 3711843 | 11      | 4150470  | 382159  | 37.49364 | -118.33304 | 05S      | 33E   | 22      | SE         |
| Inyo County star-tulip | POLYGON | SPECIFIC     | 0      | 24.5 | 3840      | 3711844 | 11      | 4145964  | 375952  | 37.45223 | -118.40248 | 06S      | 33E   | 06      | SW         |
| Inyo County star-tulip | POINT   | NON-SPECIFIC | 1/10   | 0    | 4030      | 3711833 | 11      | 4125930  | 380620  | 37.27230 | -118.34649 | 08S      | 33E   | 10      | NW         |
| Inyo County star-tulip | POINT   | NON-SPECIFIC | 1/10   | 0    | 4000      | 3711833 | 11      | 4126074  | 383089  | 37.27391 | -118.31867 | 08S      | 33E   | 11      | NE         |
| Inyo County star-tulip | POLYGON | SPECIFIC     | 0      | 27.4 | 4165      | 3711844 | 11      | 4141002  | 374881  | 37.40737 | -118.41375 | 06S      | 32E   | 24      | SW         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                          | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Inyo County star-tulip         | POLYGON | NON-SPECIFIC | 0      | 37    | 4000      | 3711833 | 11      | 4134824  | 381494  | 37.35256 | -118.33804 | 07S      | 33E   | 10      | SE         |
| Inyo County star-tulip         | POLYGON | NON-SPECIFIC | 0      | 42    | 4200      | 3711844 | 11      | 4141744  | 373850  | 37.41391 | -118.42551 | 06S      | 32E   | 23      | NE         |
| Inyo County star-tulip         | POLYGON | NON-SPECIFIC | 0      | 42    | 4500      | 3711845 | 11      | 4144786  | 361071  | 37.43949 | -118.57045 | 06S      | 31E   | 09      | SE         |
| Inyo County star-tulip         | POINT   | NON-SPECIFIC | 1      | 0     | 7300      | 3711857 | 11      | 4159392  | 345135  | 37.56855 | -118.75358 | 04S      | 29E   | 27      | XX         |
| Booth's hairy evening-primrose | POLYGON | NON-SPECIFIC | 0      | 80.3  | -9999     | 3711866 | 11      | 4175702  | 353868  | 37.71693 | -118.65801 | 03S      | 30E   | 03      | W          |
| Owens sucker                   | POLYGON | NON-SPECIFIC | 0      | 549.3 | 4240      | 3711844 | 11      | 4141489  | 369883  | 37.41107 | -118.47028 | 06S      | 32E   | 21      | XX         |
| Owens sucker                   | POLYGON | NON-SPECIFIC | 0      | 26.7  | 6840      | 3711867 | 11      | 4175196  | 342705  | 37.71052 | -118.78450 | 03S      | 29E   | 04      | SW         |
| Owens sucker                   | POLYGON | NON-SPECIFIC | 0      | 37    | 7050      | 3711867 | 11      | 4169334  | 338265  | 37.65694 | -118.83354 | 03S      | 28E   | 25      | SE         |

### 17 Environmental - Critical Habitats Species Accounts

| cname        | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens sucker | POLYGON | NON-SPECIFIC | 0      | 237   | 4520      | 3711845 | 11      | 4144368  | 361142  | 37.43574 | -118.56957 | 06S      | 31E   | 16      | XX         |
| Owens sucker | POLYGON | NON-SPECIFIC | 0      | 181.3 | 4100      | 3711843 | 11      | 4137997  | 379753  | 37.38093 | -118.35822 | 06S      | 33E   | 33      | XX         |
| Owens sucker | POINT   | SPECIFIC     | 80m    | 0     | 4140      | 3711843 | 11      | 4140263  | 381495  | 37.40158 | -118.33891 | 06S      | 33E   | 27      | NE         |
| Owens sucker | POINT   | SPECIFIC     | 80m    | 0     | 4120      | 3711843 | 11      | 4140223  | 381192  | 37.40118 | -118.34233 | 06S      | 33E   | 27      | NW         |
| Owens sucker | POINT   | NON-SPECIFIC | 1/5    | 0     | 4145      | 3711834 | 11      | 4137121  | 376028  | 37.37255 | -118.40013 | 07S      | 33E   | 06      | NW         |
| Owens sucker | POINT   | NON-SPECIFIC | 4/5    | 0     | 4620      | 3711845 | 11      | 4146258  | 358972  | 37.45244 | -118.59445 | 06S      | 31E   | 05      | S          |
| Owens sucker | POLYGON | NON-SPECIFIC | 0      | 293   | 4400      | 3711844 | 11      | 4140522  | 365051  | 37.40166 | -118.52469 | 06S      | 32E   | 30      | XX         |



**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                    | ftype   | precision    | radius | area   | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|--------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens sucker             | POLYGON | NON-SPECIFIC | 0      | 51.7   | 6880      | 3711867 | 11      | 4174752  | 340835  | 37.70620 | -118.80560 | 03S      | 29E   | 08      | NW         |
| Owens sucker             | POLYGON | NON-SPECIFIC | 0      | 271.2  | 7054      | 3711867 | 11      | 4167865  | 336535  | 37.64340 | -118.85282 | 03S      | 28E   | 34      | XX         |
| Owens sucker             | POLYGON | SPECIFIC     | 0      | 92.5   | 4200      | 3711844 | 11      | 4140862  | 373945  | 37.40598 | -118.42429 | 06S      | 32E   | 23      | XX         |
| Owens sucker             | POLYGON | NON-SPECIFIC | 0      | 173.6  | 7620      | 3711857 | 11      | 4161891  | 336007  | 37.58949 | -118.85746 | 04S      | 28E   | 23      | XX         |
| Owens sucker             | POLYGON | NON-SPECIFIC | 0      | 4860.8 | 6770      | 3711856 | 11      | 4164029  | 346503  | 37.61056 | -118.73908 | 04S      | 29E   | 11      | XX         |
| greater sage-grouse      | POINT   | NON-SPECIFIC | 1/5    | 0      | 6775      | 3711857 | 11      | 4164725  | 342764  | 37.61620 | -118.78157 | 04S      | 29E   | 09      | NW         |
| northern harrier         | POINT   | NON-SPECIFIC | 1/5    | 0      | 4100      | 3711833 | 11      | 4125190  | 387212  | 37.26646 | -118.27204 | 08S      | 34E   | 08      | SW         |
| Townsend's big-eared bat | POINT   | NON-SPECIFIC | 1/5    | 0      | 5700      | 3711833 | 11      | 4135563  | 387055  | 37.35992 | -118.27539 | 07S      | 34E   | 08      | NW         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                    | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Townsend's big-eared bat | POINT   | NON-SPECIFIC | 1/5    | 0    | 7600      | 3711842 | 11      | 4138381  | 389287  | 37.38558 | -118.25061 | 06S      | 34E   | 33      | XX         |
| Townsend's big-eared bat | POINT   | SPECIFIC     | 80m    | 0    | 1230      | 3711833 | 11      | 4125200  | 387187  | 37.26655 | -118.27232 | 08S      | 34E   | 08      | SW         |
| Townsend's big-eared bat | POINT   | NON-SPECIFIC | 1/10   | 0    | 6230      | 3711843 | 11      | 4146513  | 387234  | 37.45861 | -118.27503 | 06S      | 34E   | 05      | NW         |
| Hall's meadow hawksbeard | POINT   | NON-SPECIFIC | 1      | 0    | 1250      | 3711834 | 11      | 4136236  | 376451  | 37.36463 | -118.39521 | 07S      | 33E   | 06      | XX         |
| Hall's meadow hawksbeard | POINT   | NON-SPECIFIC | 1/5    | 0    | 4200      | 3711844 | 11      | 4149112  | 375922  | 37.48059 | -118.40335 | 05S      | 33E   | 30      | SW         |
| Hall's meadow hawksbeard | POINT   | NON-SPECIFIC | 1/5    | 0    | 4260      | 3711844 | 11      | 4150169  | 374671  | 37.48994 | -118.41767 | 05S      | 32E   | 25      | NW         |
| Hall's meadow hawksbeard | POINT   | NON-SPECIFIC | 1/5    | 0    | 4410      | 3711844 | 11      | 4139742  | 367459  | 37.39498 | -118.49735 | 06S      | 32E   | 30      | SE         |
| Hall's meadow hawksbeard | POINT   | NON-SPECIFIC | 2/5    | 0    | 6930      | 3711867 | 11      | 4170327  | 341808  | 37.66650 | -118.79362 | 03S      | 29E   | 20      | SE         |
| Owens pupfish            | POLYGON | NON-SPECIFIC | 0      | 3.3  | 1290      | 3711844 | 11      | 4149036  | 375983  | 37.47991 | -118.40264 | 05S      | 33E   | 30      | SW         |

### 17 Environmental - Critical Habitats Species Accounts

| cname         | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens pupfish | POLYGON | NON-SPECIFIC | 0      | 27.9  | 4000      | 3711833 | 11      | 4125117  | 386948  | 37.26577 | -118.27501 | 08S      | 34E   | 08      | W          |
| Owens pupfish |         |              |        | -9999 | -9999     | 3711833 |         |          |         |          |            |          |       |         |            |
| Owens pupfish |         |              |        | -9999 | -9999     | 3711833 |         |          |         |          |            |          |       |         |            |
| Owens pupfish |         |              |        | -9999 | -9999     | 3711834 |         |          |         |          |            |          |       |         |            |
| Owens pupfish |         |              |        | -9999 | -9999     | 3711854 |         |          |         |          |            |          |       |         |            |
| Owens pupfish | POINT   | SPECIFIC     | 80m    | 0     | 4400      | 3711843 | 11      | 4146509  | 382540  | 37.45800 | -118.32810 | 06S      | 33E   | 02      | NW         |
| Owens pupfish | POINT   | SPECIFIC     | 80m    | 0     | 4096      | 3711833 | 11      | 4135685  | 382473  | 37.36045 | -118.32713 | 07S      | 33E   | 11      | NW         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname     | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-----------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| July gold | POLYGON | SPECIFIC     | 0      | 20.3  | 4800      | 3711833 | 11      | 4137172  | 385179  | 37.37418 | -118.29681 | 07S      | 33E   | 01      | NE         |
| July gold | POLYGON | SPECIFIC     | 0      | 293.3 | 5900      | 3711843 | 11      | 4148566  | 386016  | 37.47697 | -118.28912 | 05S      | 34E   | 31      | N          |
| July gold | POLYGON | SPECIFIC     | 0      | 42.9  | 5200      | 3711843 | 11      | 4145497  | 385020  | 37.44919 | -118.29991 | 06S      | 33E   | 12      | N          |
| July gold | POLYGON | NON-SPECIFIC | 0      | 166.5 | 5900      | 3711833 | 11      | 4136188  | 386548  | 37.36549 | -118.28121 | 07S      | 34E   | 06      | SE         |
| July gold | POLYGON | SPECIFIC     | 0      | 5.9   | 5500      | 3711843 | 11      | 4147796  | 384439  | 37.46983 | -118.30683 | 05S      | 33E   | 36      | SW         |
| July gold | POLYGON | SPECIFIC     | 0      | 1.9   | 6020      | 3711843 | 11      | 4147758  | 385595  | 37.46964 | -118.29376 | 05S      | 34E   | 31      | SW         |
| July gold | POLYGON | SPECIFIC     | 0      | 40.1  | 6500      | 3711843 | 11      | 4147670  | 386640  | 37.46897 | -118.28194 | 05S      | 34E   | 31      | SE         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                         | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-------------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| July gold                     | POLYGON | SPECIFIC     | 0      | 18.2 | 1750      | 3711843 | 11      | 4150649  | 384438  | 37.49554 | -118.30729 | 05S      | 33E   | 24      | SW         |
| July gold                     | POLYGON | SPECIFIC     | 0      | 3.2  | 6140      | 3711843 | 11      | 4145290  | 386943  | 37.44756 | -118.27813 | 06S      | 34E   | 07      | NE         |
| canescent draba               | POLYGON | SPECIFIC     | 0      | 9.2  | 9920      | 3711857 | 11      | 4155408  | 334924  | 37.53088 | -118.86825 | 05S      | 28E   | 12      | NW         |
| canescent draba               | POLYGON | SPECIFIC     | 0      | 6.3  | 9970      | 3711857 | 11      | 4156670  | 334382  | 37.54216 | -118.87468 | 05S      | 28E   | 02      | E          |
| canescent draba               | POLYGON | SPECIFIC     | 0      | 7.7  | 9800      | 3711857 | 11      | 4157292  | 334641  | 37.54781 | -118.87188 | 05S      | 28E   | 01      | NW         |
| Sweetwater Mountains<br>draba | POINT   | NON-SPECIFIC | 2/5    | 0    | 13000     | 3711857 | 11      | 4152795  | 334788  | 37.50733 | -118.86921 | 05S      | 28E   | 13      | SW         |
| spear-fruited draba           | POINT   | NON-SPECIFIC | 1      | 0    | 10800     | 3711857 | 11      | 4155312  | 334789  | 37.53000 | -118.86977 | 05S      | 28E   | 12      | XX         |
| tall draba                    | POINT   | NON-SPECIFIC | 1/5    | 0    | 9800      | 3711857 | 11      | 4157059  | 334394  | 37.54567 | -118.87463 | 05S      | 28E   | 02      | XX         |
| Panamint alligator lizard     | POINT   | SPECIFIC     | 80m    | 0    | 5000      | 3711843 | 11      | 4145550  | 384553  | 37.44961 | -118.30520 | 06S      | 33E   | 01      | S          |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                          | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Panamint alligator lizard      | POINT   | SPECIFIC     | 80m    | 0     | -9999     | 3711843 | 11      | 4140675  | 388012  | 37.40610 | -118.26536 | 06S      | 34E   | 20      | XX         |
| Scribner's wheat grass         | POINT   | NON-SPECIFIC | 3/5    | 0     | 12800     | 3711857 | 11      | 4153621  | 334242  | 37.51467 | -118.87558 | 05S      | 28E   | 14      | XX         |
| willow flycatcher              | POINT   | NON-SPECIFIC | 1      | 142.1 | 4100      | 3711843 | 11      | 4139783  | 380083  | 37.39707 | -118.35478 | 06S      | 33E   | 28      | W          |
| willow flycatcher              | POINT   | NON-SPECIFIC | 1/10   | 0     | 7360      | 3711857 | 11      | 4164314  | 336901  | 37.61147 | -118.84788 | 04S      | 28E   | 11      | SE         |
| willow flycatcher              | POINT   | NON-SPECIFIC | 1/10   | 0     | 7770      | 3711857 | 11      | 4157908  | 341338  | 37.55453 | -118.79624 | 04S      | 29E   | 32      | SE         |
| southwestern willow flycatcher | POLYGON | SPECIFIC     | 0      | 6     | 1350      | 3711844 | 11      | 4139716  | 367427  | 37.39474 | -118.49771 | 06S      | 32E   | 30      | SE         |
| spotted bat                    | POINT   | NON-SPECIFIC | 3/5    | 0     | 6000      | 3711855 | 11      | 4154647  | 360680  | 37.52829 | -118.57673 | 05S      | 31E   | 09      | XX         |
| spotted bat                    | POINT   | NON-SPECIFIC | 1/10   | 0     | 4040      | 3711833 | 11      | 4135724  | 382454  | 37.36079 | -118.32735 | 07S      | 33E   | 11      | NW         |

### 17 Environmental - Critical Habitats Species Accounts

| cname                    | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| prairie falcon           |         |              |        | -9999 | -9999     | 3711866 |         |          |         |          |            |          |       |         |            |
| prairie falcon           |         |              |        | -9999 | -9999     | 3711856 |         |          |         |          |            |          |       |         |            |
| prairie falcon           |         |              |        | -9999 | -9999     | 3711844 |         |          |         |          |            |          |       |         |            |
| prairie falcon           |         |              |        | -9999 | -9999     | 3711845 |         |          |         |          |            |          |       |         |            |
| hot springs fimbristylis | POINT   | SPECIFIC     | 80m    | 0     | 1230      | 3711833 | 11      | 4125200  | 387187  | 37.26655 | -118.27232 | 08S      | 34E   | 08      | SW         |
| hot springs fimbristylis | POINT   | NON-SPECIFIC | 1/10   | 0     | 4000      | 3711833 | 11      | 4123968  | 377997  | 37.25428 | -118.37574 | 08S      | 33E   | 17      | NW         |
| hot springs fimbristylis | POLYGON | SPECIFIC     | 0      | 18.1  | 4230      | 3711844 | 11      | 4148804  | 376051  | 37.47783 | -118.40184 | 05S      | 33E   | 30      | SW         |
| hot springs fimbristylis | POLYGON | SPECIFIC     | 0      | 9.2   | 4230      | 3711844 | 11      | 4146869  | 376179  | 37.46041 | -118.40007 | 06S      | 33E   | 06      | NW         |
| Owens tui chub           | POINT   | NON-SPECIFIC | 1      | 0     | 4140      | 3711844 | 11      | 4138018  | 376880  | 37.38075 | -118.39067 | 06S      | 33E   | 31      | SE         |
| Owens tui chub           | POINT   | NON-SPECIFIC | 1      | 0     | 4200      | 3711833 | 11      | 4123665  | 378196  | 37.25158 | -118.37345 | 08S      | 33E   | 17      | E          |
| Owens tui chub           | POINT   | NON-SPECIFIC | 1      | 0     | 4140      | 3711844 | 11      | 4140770  | 376405  | 37.40548 | -118.39649 | 06S      | 33E   | 30      | SE         |

**17 Environmental - Critical Habitats  
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| cname          | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|----------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens tui chub | POLYGON | SPECIFIC     | 0      | 434.2 | 6440      | 3711856 | 11      | 4159516  | 357313  | 37.57164 | -118.61577 | 04S      | 30E   | 25      | S          |
| Owens tui chub | POLYGON | NON-SPECIFIC | 0      | 142.1 | 4080      | 3711843 | 11      | 4139783  | 380083  | 37.39707 | -118.35478 | 06S      | 33E   | 28      | E          |
| Owens tui chub | POINT   | NON-SPECIFIC | 1      | 0     | 7000      | 3711856 | 11      | 4159890  | 346781  | 37.57332 | -118.73506 | 04S      | 29E   | 25      | NW         |
| Owens tui chub | POLYGON | NON-SPECIFIC | 0      | 36    | 7070      | 3711867 | 11      | 4167341  | 335786  | 37.63854 | -118.86119 | 03S      | 28E   | 35      | SW         |
| Owens tui chub | POINT   | NON-SPECIFIC | 1      | 0     | 6880      | 3711867 | 11      | 4172115  | 340777  | 37.68243 | -118.80569 | 03S      | 29E   | 17      | SW         |
| Owens tui chub | POLYGON | NON-SPECIFIC | 0      | 23    | 6960      | 3711867 | 11      | 4172914  | 337924  | 37.68913 | -118.83820 | 03S      | 28E   | 13      | NW         |
| Owens tui chub | POINT   | SPECIFIC     | 80m    | 0     | 4096      | 3711833 | 11      | 4135685  | 382473  | 37.36045 | -118.32713 | 07S      | 33E   | 11      | NW         |
| Owens tui chub | POLYGON | NON-SPECIFIC | 0      | 34.4  | 4440      | 3711845 | 11      | 4145103  | 362416  | 37.44255 | -118.55531 | 06S      | 31E   | 10      | NE         |



**17 Environmental - Critical Habitats  
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| cname                               | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-------------------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens tui chub                      | POLYGON | NON-SPECIFIC | 0      | 351   | 4650      | 3711845 | 11      | 4140201  | 361214  | 37.39820 | -118.56797 | 06S      | 31E   | 27      | XX         |
| California wolverine                | POINT   | NON-SPECIFIC | 1      | 0     | 7060      | 3711856 | 11      | 4160958  | 348734  | 37.58326 | -118.71318 | 04S      | 30E   | 19      | SW         |
| Blandow's bog moss                  | POLYGON | SPECIFIC     | 0      | 0.4   | 9450      | 3711857 | 11      | 4153351  | 344891  | 37.51408 | -118.75507 | 05S      | 29E   | 13      | SW         |
| Inyo hulsea                         | POLYGON | SPECIFIC     | 0      | 5.7   | 6300      | 3711856 | 11      | 4153685  | 356164  | 37.51893 | -118.62763 | 05S      | 30E   | 13      | NE         |
| travertine band-thigh diving beetle | POINT   | NON-SPECIFIC | 1/5    | 0     | 6880      | 3711867 | 11      | 4170467  | 343049  | 37.66798 | -118.77958 | 03S      | 29E   | 21      | S          |
| alkali ivesia                       | POLYGON | SPECIFIC     | 0      | 573.2 | 4230      | 3711844 | 11      | 4148126  | 375577  | 37.47166 | -118.40708 | 05S      | 32E   | 31      | W          |
| alkali ivesia                       | POLYGON | SPECIFIC     | 0      | 349.6 | 4240      | 3711854 | 11      | 4152266  | 375605  | 37.50897 | -118.40746 | 05S      | 32E   | 24      | XX         |
| alkali ivesia                       | POLYGON | SPECIFIC     | 0      | 23.1  | 6880      | 3711867 | 11      | 4173765  | 340132  | 37.69719 | -118.81336 | 03S      | 29E   | 07      | SE         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                           | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| alkali ivesia                   | POLYGON | SPECIFIC     | 0      | 42.9 | 6840      | 3711867 | 11      | 4173157  | 344145  | 37.69240 | -118.76773 | 03S      | 29E   | 15      | NW         |
| alkali ivesia                   | POINT   | NON-SPECIFIC | 2/5    | 0    | 6930      | 3711867 | 11      | 4170327  | 341808  | 37.66650 | -118.79362 | 03S      | 29E   | 20      | SE         |
| alkali ivesia                   | POLYGON | SPECIFIC     | 0      | 61.3 | 6880      | 3711867 | 11      | 4170590  | 344861  | 37.66939 | -118.75906 | 03S      | 29E   | 22      | SE         |
| alkali ivesia                   | POLYGON | SPECIFIC     | 0      | 36.8 | 6800      | 3711867 | 11      | 4167360  | 345505  | 37.64040 | -118.75108 | 03S      | 29E   | 35      | SW         |
| alkali ivesia                   | POLYGON | SPECIFIC     | 0      | 11.9 | 6982      | 3711867 | 11      | 4166058  | 340338  | 37.62779 | -118.80934 | 04S      | 29E   | 06      | SE         |
| seep kobresia                   | POINT   | NON-SPECIFIC | 1      | 0    | 10200     | 3711858 | 11      | 4158335  | 332731  | 37.55686 | -118.89374 | 04S      | 28E   | 33      | SW         |
| silver-haired bat               | POINT   | NON-SPECIFIC | 1      | 0    | 1250      | 3711834 | 11      | 4136236  | 376451  | 37.36463 | -118.39521 | 07S      | 33E   | 06      | XX         |
| hoary bat                       | POLYGON | NON-SPECIFIC | 0      | 74   | -9999     | 3711843 | 11      | 4140714  | 387641  | 37.40640 | -118.26955 | 06S      | 34E   | 20      | XX         |
| western white-tailed jackrabbit | POINT   | NON-SPECIFIC | 1      | 0    | 4140      | 3711844 | 11      | 4138018  | 376880  | 37.38075 | -118.39067 | 06S      | 33E   | 31      | SE         |
| northern leopard frog           | POINT   | NON-SPECIFIC | 1/5    | 0    | 4625      | 3711845 | 11      | 4142344  | 360616  | 37.41742 | -118.57513 | 06S      | 31E   | 21      | NE         |

### 17 Environmental - Critical Habitats Species Accounts

| cname                 | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-----------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| northern leopard frog | POINT   | NON-SPECIFIC | 1      | 0    | 4370      | 3711833 | 11      | 4135766  | 384493  | 37.36143 | -118.30434 | 07S      | 33E   | 12      | XX         |
| northern leopard frog | POINT   | NON-SPECIFIC | 1      | 0    | 4160      | 3711844 | 11      | 4142508  | 375504  | 37.42102 | -118.40695 | 06S      | 32E   | 13      | XX         |
| northern leopard frog | POINT   | NON-SPECIFIC | 4/5    | 0    | 5160      | 3711845 | 11      | 4148750  | 360230  | 37.47508 | -118.58069 | 05S      | 31E   | 33      | XX         |
| Sierra marten         | POINT   | SPECIFIC     | 80m    | 0    | 7038      | 3711856 | 11      | 4158675  | 351669  | 37.56316 | -118.67948 | 04S      | 30E   | 33      | NW         |
| Sierra marten         | POINT   | SPECIFIC     | 80m    | 0    | 7150      | 3711856 | 11      | 4158498  | 347759  | 37.56094 | -118.72370 | 04S      | 29E   | 36      | NE         |
| Pacific fisher        | POINT   | NON-SPECIFIC | 1      | 0    | 9800      | 3711857 | 11      | 4158395  | 334377  | 37.55770 | -118.87512 | 04S      | 28E   | 34      | XX         |
| Torrey's blazing star | POLYGON | NON-SPECIFIC | 0      | 78.4 | 4180      | 3711844 | 11      | 4144600  | 375755  | 37.43991 | -118.40448 | 06S      | 33E   | 07      | XX         |
| Torrey's blazing star | POLYGON | NON-SPECIFIC | 0      | 75.9 | 5500      | 3711845 | 11      | 4150967  | 357884  | 37.49470 | -118.60765 | 05S      | 31E   | 19      | XX         |
| Torrey's blazing star | POINT   | NON-SPECIFIC | 1/5    | 0    | 6230      | 3711855 | 11      | 4152751  | 357462  | 37.51071 | -118.61277 | 05S      | 31E   | 18      | XX         |

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 Species Accounts**

| cname                       | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-----------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| dwarf monolepis             | POINT   | NON-SPECIFIC | 2/5    | 0     | -9999     | 3711867 | 11      | 4174461  | 345186  | 37.70432 | -118.75620 | 03S      | 29E   | 10      | XX         |
| Owens Valley vole           | POINT   | NON-SPECIFIC | 1      | 142.1 | 4100      | 3711843 | 11      | 4139783  | 380083  | 37.39707 | -118.35478 | 06S      | 33E   | 28      | W          |
| Owens Valley vole           | POINT   | NON-SPECIFIC | 1      | 0     | 4600      | 3711843 | 11      | 4140661  | 384002  | 37.40548 | -118.31066 | 06S      | 33E   | 24      | SW         |
| Owens Valley vole           | POINT   | NON-SPECIFIC | 1      | 0     | -9999     | 3711833 | 11      | 4135705  | 380093  | 37.36032 | -118.35401 | 07S      | 33E   | 09      | XX         |
| Owens Valley vole           | POLYGON | NON-SPECIFIC | 0      | 293   | 4400      | 3711844 | 11      | 4140522  | 365051  | 37.40166 | -118.52469 | 06S      | 32E   | 30      | XX         |
| western small-footed myotis | POLYGON | NON-SPECIFIC | 0      | 141.3 | 10250     | 3711843 | 11      | 4140704  | 384558  | 37.40593 | -118.30437 | 06S      | 33E   | 24      | XX         |
| western small-footed myotis | POLYGON | NON-SPECIFIC | 0      | 74    | -9999     | 3711843 | 11      | 4140714  | 387641  | 37.40640 | -118.26955 | 06S      | 34E   | 20      | XX         |
| western small-footed myotis | POINT   | SPECIFIC     | 80m    | 0     | 1230      | 3711833 | 11      | 4125200  | 387187  | 37.26655 | -118.27232 | 08S      | 34E   | 08      | SW         |
| western small-footed myotis | POINT   | NON-SPECIFIC | 1/10   | 0     | 6230      | 3711843 | 11      | 4146513  | 387234  | 37.45861 | -118.27503 | 06S      | 34E   | 05      | NW         |
| long-legged myotis          | POLYGON | NON-SPECIFIC | 0      | 141.3 | 10250     | 3711843 | 11      | 4140704  | 384558  | 37.40593 | -118.30437 | 06S      | 33E   | 24      | XX         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                    | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Lahontan cutthroat trout | POLYGON | SPECIFIC     | 0      | 137.7 | 7200      | 3711876 | 11      | 4179505  | 345811  | 37.74987 | -118.75019 | 02S      | 29E   | 26      | NW         |
| Nevada oryctes           | POLYGON | SPECIFIC     | 0      | 225.7 | 4100      | 3711843 | 11      | 4138610  | 380217  | 37.38652 | -118.35308 | 06S      | 33E   | 33      | NE         |
| Nevada oryctes           | POINT   | NON-SPECIFIC | 1/10   | 0     | 3985      | 3711833 | 11      | 4125513  | 385029  | 37.26910 | -118.29671 | 08S      | 33E   | 12      | NE         |
| Nevada oryctes           | POINT   | NON-SPECIFIC | 1/10   | 0     | 3985      | 3711833 | 11      | 4126718  | 384963  | 37.27995 | -118.29763 | 08S      | 33E   | 01      | SE         |
| Nevada oryctes           | POINT   | NON-SPECIFIC | 1/10   | 0     | 4020      | 3711833 | 11      | 4127165  | 382955  | 37.28373 | -118.32035 | 08S      | 33E   | 02      | NE         |
| Nevada oryctes           | POINT   | NON-SPECIFIC | 1/10   | 0     | 4000      | 3711833 | 11      | 4128682  | 384360  | 37.29758 | -118.30474 | 07S      | 33E   | 36      | NW         |
| Nevada oryctes           | POINT   | NON-SPECIFIC | 1/10   | 0     | 4000      | 3711833 | 11      | 4129165  | 384447  | 37.30194 | -118.30384 | 07S      | 33E   | 36      | NE         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname          | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|----------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Nevada oryctes | POINT   | NON-SPECIFIC | 1/10   | 0    | 4035      | 3711833 | 11      | 4130606  | 381634  | 37.31457 | -118.33580 | 07S      | 33E   | 27      | NE         |
| Nevada oryctes | POINT   | NON-SPECIFIC | 1/10   | 0    | 4075      | 3711833 | 11      | 4131991  | 380941  | 37.32696 | -118.34384 | 07S      | 33E   | 22      | NW         |
| Nevada oryctes | POINT   | NON-SPECIFIC | 1/10   | 0    | 4050      | 3711833 | 11      | 4132001  | 381868  | 37.32717 | -118.33338 | 07S      | 33E   | 22      | NE         |
| Nevada oryctes | POINT   | NON-SPECIFIC | 1/10   | 0    | 4020      | 3711833 | 11      | 4131608  | 384002  | 37.32390 | -118.30924 | 07S      | 33E   | 24      | SW         |
| Nevada oryctes | POINT   | NON-SPECIFIC | 1/10   | 0    | 4090      | 3711833 | 11      | 4133599  | 381606  | 37.34154 | -118.33659 | 07S      | 33E   | 15      | NE         |
| Nevada oryctes | POLYGON | SPECIFIC     | 0      | 47.3 | 4040      | 3711833 | 11      | 4135131  | 381327  | 37.35531 | -118.33998 | 07S      | 33E   | 10      | N          |
| Nevada oryctes | POINT   | NON-SPECIFIC | 1/10   | 0    | 4035      | 3711833 | 11      | 4134351  | 381869  | 37.34835 | -118.33374 | 07S      | 33E   | 10      | SE         |

**17 Environmental - Critical Habitats  
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| cname                             | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|-----------------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Nevada oryctes                    | POINT   | NON-SPECIFIC | 1/10   | 0    | 3975      | 3711833 | 11      | 4123493  | 385325  | 37.25094 | -118.29306 | 08S      | 34E   | 18      | SW         |
| Nevada oryctes                    | POLYGON | SPECIFIC     | 0      | 10.5 | 4120      | 3711843 | 11      | 4140716  | 378935  | 37.40533 | -118.36790 | 06S      | 33E   | 21      | SW         |
| Nevada oryctes                    | POINT   | NON-SPECIFIC | 1/10   | 0    | 4130      | 3711844 | 11      | 4139884  | 377566  | 37.39765 | -118.38323 | 06S      | 33E   | 29      | NW         |
| Nevada oryctes                    | POINT   | NON-SPECIFIC | 1/10   | 0    | 4160      | 3711844 | 11      | 4140694  | 377632  | 37.40496 | -118.38262 | 06S      | 33E   | 29      | NW         |
| small-flowered grass-of-Parnassus | POINT   | NON-SPECIFIC | 1/5    | 0    | 7100      | 3711857 | 11      | 4164628  | 338324  | 37.61456 | -118.83183 | 04S      | 28E   | 12      | SE         |
| small-flowered grass-of-Parnassus | POINT   | NON-SPECIFIC | 1      | 0    | 7300      | 3711857 | 11      | 4159392  | 345135  | 37.56855 | -118.75358 | 04S      | 29E   | 27      | XX         |
| small-flowered grass-of-Parnassus | POINT   | NON-SPECIFIC | 1/10   | 0    | 9055      | 3711857 | 11      | 4158611  | 334594  | 37.55969 | -118.87271 | 04S      | 28E   | 34      | NW         |

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 Species Accounts**

| cname                      | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|----------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| scalloped-leaved lousewort | POLYGON | SPECIFIC     | 0      | 8    | 7080      | 3711857 | 11      | 4164525  | 338677  | 37.61369 | -118.82781 | 04S      | 28E   | 12      | SE         |
| Inyo phacelia              | POINT   | NON-SPECIFIC | 1/5    | 0    | 4100      | 3711833 | 11      | 4125190  | 387212  | 37.26646 | -118.27204 | 08S      | 34E   | 08      | SW         |
| Inyo phacelia              | POLYGON | SPECIFIC     | 0      | 1.7  | 3700      | 3711844 | 11      | 4145465  | 375579  | 37.44767 | -118.40660 | 06S      | 32E   | 12      | NE         |
| Inyo phacelia              | POLYGON | SPECIFIC     | 0      | 2.3  | 3600      | 3711844 | 11      | 4144854  | 375700  | 37.44218 | -118.40514 | 06S      | 32E   | 12      | NE         |
| Inyo phacelia              | POLYGON | SPECIFIC     | 0      | 6.9  | 3700      | 3711844 | 11      | 4143964  | 375571  | 37.43415 | -118.40644 | 06S      | 32E   | 13      | NE         |
| Inyo phacelia              | POINT   | NON-SPECIFIC | 3/5    | 0    | 6800      | 3711867 | 11      | 4173099  | 344507  | 37.69193 | -118.76361 | 03S      | 29E   | 15      | N          |
| Inyo phacelia              | POINT   | NON-SPECIFIC | 1      | 0    | 7000      | 3711867 | 11      | 4166426  | 342464  | 37.63147 | -118.78533 | 04S      | 29E   | 04      | XX         |
| Parish's popcorn-flower    | POINT   | NON-SPECIFIC | 1      | 0    | 4100      | 3711843 | 11      | 4138800  | 378587  | 37.38801 | -118.37152 | 06S      | 33E   | 32      | XX         |



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| cname                    | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|--------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Parish's popcorn-flower  | POLYGON | NON-SPECIFIC | 0      | 71.2 | 4300      | 3711844 | 11      | 4137558  | 371554  | 37.37587 | -118.45073 | 07S      | 32E   | 03      | XX         |
| slender-leaved pondweed  | POINT   | NON-SPECIFIC | 1/5    | 0    | 6800      | 3711867 | 11      | 4171358  | 340530  | 37.67557 | -118.80832 | 03S      | 29E   | 19      | NE         |
| Owens Valley springsnail | POINT   | SPECIFIC     | 80m    | 0    | 1230      | 3711833 | 11      | 4125200  | 387187  | 37.26655 | -118.27232 | 08S      | 34E   | 08      | SW         |
| Owens Valley springsnail | POINT   | NON-SPECIFIC | 1/5    | 0    | 1380      | 3711843 | 11      | 4150483  | 382100  | 37.49375 | -118.33372 | 05S      | 33E   | 22      | SE         |
| Owens Valley springsnail | POINT   | NON-SPECIFIC | 1/5    | 0    | 5040      | 3711853 | 11      | 4151202  | 383376  | 37.50039 | -118.31940 | 05S      | 33E   | 23      | SE         |
| Owens Valley springsnail | POINT   | NON-SPECIFIC | 1/10   | 0    | 4590      | 3711843 | 11      | 4150062  | 382287  | 37.48998 | -118.33153 | 05S      | 33E   | 27      | NE         |
| Fish Slough springsnail  | POLYGON | NON-SPECIFIC | 0      | 3.3  | 1290      | 3711844 | 11      | 4149036  | 375983  | 37.47991 | -118.40264 | 05S      | 33E   | 30      | SW         |
| Wong's springsnail       | POLYGON | NON-SPECIFIC | 0      | 44   | 6004      | 3711855 | 11      | 4157398  | 358552  | 37.55275 | -118.60134 | 04S      | 31E   | 31      | SW         |

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 Species Accounts**

| cname                            | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|----------------------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Wong's springsnail               | POLYGON | NON-SPECIFIC | 0      | 19.2  | 4505      | 3711845 | 11      | 4144824  | 361270  | 37.43987 | -118.56821 | 06S      | 31E   | 09      | SE         |
| Wong's springsnail               | POINT   | SPECIFIC     | 80m    | 0     | 6805      | 3711866 | 11      | 4166998  | 347705  | 37.63751 | -118.72608 | 03S      | 29E   | 36      | SE         |
| Wong's springsnail               | POINT   | NON-SPECIFIC | 2/5    | 0     | 4600      | 3711845 | 11      | 4146803  | 358468  | 37.45727 | -118.60025 | 06S      | 31E   | 05      | XX         |
| Wong's springsnail               | POINT   | NON-SPECIFIC | 3/5    | 0     | 4600      | 3711845 | 11      | 4141062  | 360602  | 37.40586 | -118.57504 | 06S      | 31E   | 21      | XX         |
| Sierra Nevada yellow-legged frog | POINT   | NON-SPECIFIC | 1/5    | 0     | 7660      | 3711856 | 11      | 4154987  | 351783  | 37.52995 | -118.67745 | 05S      | 30E   | 09      | NE         |
| Owens speckled dace              | POINT   | NON-SPECIFIC | 1/5    | 0     | 6830      | 3711867 | 11      | 4174362  | 344128  | 37.70325 | -118.76818 | 03S      | 29E   | 10      | SW         |
| Owens speckled dace              | POLYGON | NON-SPECIFIC | 0      | 181.3 | 4100      | 3711843 | 11      | 4137997  | 379753  | 37.38093 | -118.35822 | 06S      | 33E   | 33      | XX         |
| Owens speckled dace              | POINT   | NON-SPECIFIC | 1      | 0     | 7000      | 3711867 | 11      | 4173586  | 339606  | 37.69548 | -118.81929 | 03S      | 29E   | 07      | XX         |

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| cname               | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens speckled dace | POINT   | NON-SPECIFIC | 3/5    | 0    | 4160      | 3711844 | 11      | 4142784  | 375828  | 37.42355 | -118.40335 | 06S      | 33E   | 18      | SW         |
| Owens speckled dace | POLYGON | NON-SPECIFIC | 0      | 26.6 | 6880      | 3711867 | 11      | 4169904  | 341311  | 37.66261 | -118.79916 | 03S      | 29E   | 29      | N          |
| Owens speckled dace | POINT   | NON-SPECIFIC | 1/5    | 0    | 4120      | 3711844 | 11      | 4142115  | 377137  | 37.41770 | -118.38845 | 06S      | 33E   | 19      | NE         |
| Owens speckled dace | POINT   | NON-SPECIFIC | 1/5    | 0    | 7170      | 3711867 | 11      | 4167119  | 335997  | 37.63658 | -118.85875 | 03S      | 28E   | 35      | SW         |
| Owens speckled dace | POINT   | NON-SPECIFIC | 1      | 0    | 4140      | 3711844 | 11      | 4138018  | 376880  | 37.38075 | -118.39067 | 06S      | 33E   | 31      | SE         |
| Owens speckled dace | POINT   | NON-SPECIFIC | 1      | 0    | 4240      | 3711834 | 11      | 4125216  | 377530  | 37.26547 | -118.38122 | 08S      | 33E   | 08      | SW         |
| Owens speckled dace | POLYGON | NON-SPECIFIC | 0      | 237  | 4520      | 3711845 | 11      | 4144368  | 361142  | 37.43574 | -118.56957 | 06S      | 31E   | 16      | XX         |
| Owens speckled dace | POINT   | NON-SPECIFIC | 4/5    | 0    | 4620      | 3711845 | 11      | 4146258  | 358972  | 37.45244 | -118.59445 | 06S      | 31E   | 05      | S          |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname               | ftype   | precision    | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------------|---------|--------------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens speckled dace | POLYGON | SPECIFIC     | 0      | 18.7  | 6850      | 3711867 | 11      | 4166237  | 340302  | 37.62940 | -118.80979 | 04S      | 29E   | 06      | E          |
| Owens speckled dace | POINT   | SPECIFIC     | 80m    | 0     | 4140      | 3711843 | 11      | 4140263  | 381495  | 37.40158 | -118.33891 | 06S      | 33E   | 27      | NE         |
| Owens speckled dace | POINT   | NON-SPECIFIC | 1/5    | 0     | 4145      | 3711834 | 11      | 4137121  | 376028  | 37.37255 | -118.40013 | 07S      | 33E   | 06      | NW         |
| Owens speckled dace | POINT   | NON-SPECIFIC | 2/5    | 0     | 4000      | 3711843 | 11      | 4146099  | 381811  | 37.45421 | -118.33628 | 06S      | 33E   | 03      | XX         |
| Owens speckled dace | POLYGON | NON-SPECIFIC | 0      | 293   | 4400      | 3711844 | 11      | 4140522  | 365051  | 37.40166 | -118.52469 | 06S      | 32E   | 30      | XX         |
| bank swallow        | POLYGON | NON-SPECIFIC | 0      | 149.5 | 2065      | 3711856 | 11      | 4166329  | 347527  | 37.63145 | -118.72796 | 04S      | 29E   | 01      | XX         |

### 17 Environmental - Critical Habitats Species Accounts

| cname                        | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|------------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| bank swallow                 | POINT   | NON-SPECIFIC | 2/5    | 0    | 1250      | 3711843 | 11      | 4138151  | 378520  | 37.38216 | -118.37217 | 06S      | 33E   | 32      | XX         |
| short-fruited willow         | POLYGON | NON-SPECIFIC | 0      | 11   | 10200     | 3711857 | 11      | 4156853  | 334632  | 37.54385 | -118.87189 | 05S      | 28E   | 01      | NW         |
| short-fruited willow         | POINT   | NON-SPECIFIC | 1/10   | 0    | 10650     | 3711857 | 11      | 4157197  | 335488  | 37.54711 | -118.86228 | 05S      | 28E   | 01      | NE         |
| short-fruited willow         | POLYGON | NON-SPECIFIC | 0      | 44   | 9200      | 3711857 | 11      | 4158216  | 334707  | 37.55615 | -118.87135 | 04S      | 28E   | 34      | E          |
| snow willow                  | POINT   | NON-SPECIFIC | 1/10   | 0    | 9055      | 3711857 | 11      | 4158611  | 334594  | 37.55969 | -118.87271 | 04S      | 28E   | 34      | NW         |
| Owens Valley<br>checkerbloom | POLYGON | SPECIFIC     | 0      | 27.5 | 4400      | 3711844 | 11      | 4139486  | 367367  | 37.39266 | -118.49835 | 06S      | 32E   | 30      | SE         |
| Owens Valley<br>checkerbloom | POLYGON | SPECIFIC     | 0      | 40.8 | 4240      | 3711844 | 11      | 4141148  | 372020  | 37.40829 | -118.44608 | 06S      | 32E   | 22      | SE         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                     | ftype   | precision | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------------------|---------|-----------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens Valley checkerbloom | POLYGON | SPECIFIC  | 0      | 26.9 | 4000      | 3711843 | 11      | 4138273  | 380990  | 37.38358 | -118.34430 | 06S      | 33E   | 34      | W          |
| Owens Valley checkerbloom | POLYGON | SPECIFIC  | 0      | 45   | 4240      | 3711844 | 11      | 4141436  | 373394  | 37.41107 | -118.43061 | 06S      | 32E   | 23      | SE         |
| Owens Valley checkerbloom | POLYGON | SPECIFIC  | 0      | 23.9 | 4010      | 3711833 | 11      | 4129165  | 382293  | 37.30167 | -118.32813 | 07S      | 33E   | 35      | NW         |
| Owens Valley checkerbloom | POLYGON | SPECIFIC  | 0      | 42.1 | 4100      | 3711843 | 11      | 4140053  | 379625  | 37.39945 | -118.36000 | 06S      | 33E   | 28      | W          |
| Owens Valley checkerbloom | POLYGON | SPECIFIC  | 0      | 90.1 | 4220      | 3711844 | 11      | 4138359  | 373633  | 37.38338 | -118.42739 | 06S      | 32E   | 35      | E          |
| Owens Valley checkerbloom | POLYGON | SPECIFIC  | 0      | 16.2 | 4180      | 3711844 | 11      | 4141286  | 374355  | 37.40986 | -118.41974 | 06S      | 32E   | 24      | SW         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                     | ftype   | precision    | radius | area | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------------------|---------|--------------|--------|------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Owens Valley checkerbloom | POLYGON | SPECIFIC     | 0      | 24.2 | 4480      | 3711845 | 11      | 4145160  | 360563  | 37.44279 | -118.57626 | 06S      | 31E   | 09      | E          |
| Owens Valley checkerbloom | POLYGON | SPECIFIC     | 0      | 64.6 | 4480      | 3711845 | 11      | 4140307  | 363396  | 37.39948 | -118.54335 | 06S      | 31E   | 26      | N          |
| Owens Valley checkerbloom | POLYGON | SPECIFIC     | 0      | 60.4 | 4040      | 3711833 | 11      | 4125593  | 380202  | 37.26922 | -118.35115 | 08S      | 33E   | 09      | NE         |
| Owens Valley checkerbloom | POLYGON | SPECIFIC     | 0      | 10.8 | 4000      | 3711833 | 11      | 4126100  | 383137  | 37.27416 | -118.31813 | 08S      | 33E   | 11      | NE         |
| Owens Valley checkerbloom | POLYGON | SPECIFIC     | 0      | 21.6 | 3990      | 3711833 | 11      | 4128111  | 383063  | 37.29227 | -118.31928 | 07S      | 33E   | 35      | SE         |
| Owens Valley checkerbloom | POLYGON | SPECIFIC     | 0      | 5.1  | 4060      | 3711833 | 11      | 4136086  | 381135  | 37.36389 | -118.34231 | 07S      | 33E   | 03      | SW         |
| alkali tansy-sage         | POINT   | NON-SPECIFIC | 1      | 0    | 6900      | 3711867 | 11      | 4169925  | 344975  | 37.66342 | -118.75764 | 03S      | 29E   | 27      | XX         |

**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                     | ftype   | precision    | radius | area   | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|---------------------------|---------|--------------|--------|--------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| alkali tansy-sage         | POINT   | NON-SPECIFIC | 4/5    | 0      | 6885      | 3711867 | 11      | 4170890  | 342145  | 37.67164 | -118.78992 | 03S      | 29E   | 21      | XX         |
| prairie wedge grass       | POLYGON | NON-SPECIFIC | 0      | 12.5   | 4240      | 3711843 | 11      | 4139629  | 383651  | 37.39614 | -118.31446 | 06S      | 33E   | 26      | SE         |
| foxtail thelypodium       | POINT   | NON-SPECIFIC | 2/5    | 0      | 4250      | 3711843 | 11      | 4139637  | 383611  | 37.39620 | -118.31491 | 06S      | 33E   | 26      | SE         |
| foxtail thelypodium       | POLYGON | NON-SPECIFIC | 0      | 56     | -9999     | 3711854 | 11      | 4151423  | 376147  | 37.50144 | -118.40118 | 05S      | 33E   | 19      | XX         |
| foxtail thelypodium       | POINT   | NON-SPECIFIC | 1      | 0      | 7000      | 3711856 | 11      | 4157006  | 355178  | 37.54869 | -118.63944 | 05S      | 30E   | 01      | XX         |
| Transmontane Alkali Marsh | POLYGON | SPECIFIC     | 0      | 1402.1 | 4200      | 3711854 | 11      | 4149801  | 375676  | 37.48676 | -118.40624 | 05S      | 32E   | 25      | NE         |
| little bulrush            | POINT   | NON-SPECIFIC | 1/5    | 0      | 10200     | 3711857 | 11      | 4155260  | 335120  | 37.52959 | -118.86600 | 05S      | 28E   | 12      | XX         |
| little bulrush            | POINT   | NON-SPECIFIC | 1/10   | 0      | 10650     | 3711857 | 11      | 4157197  | 335488  | 37.54711 | -118.86228 | 05S      | 28E   | 01      | NE         |



**17 Environmental - Critical Habitats  
 Species Accounts**

| cname                      | ftype   | precision | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|----------------------------|---------|-----------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 27.3  | 7478      | 3711857 | 11      | 4164154  | 336896  | 37.61003 | -118.84790 | 04S      | 28E   | XX      | XX         |
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 84.7  | 7220      | 3711857 | 11      | 4158076  | 341680  | 37.55611 | -118.79241 | 04S      | 29E   | XX      | XX         |
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 183.6 | 7900      | 3711856 | 11      | 4156278  | 350394  | 37.54137 | -118.69343 | 05S      | 30E   | XX      | XX         |
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 577.2 | 5700      | 3711856 | 11      | 4152370  | 358227  | 37.50740 | -118.60404 | 05S      | 31E   | XX      | XX         |
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 45.1  | 7000      | 3711856 | 11      | 4152475  | 354122  | 37.50770 | -118.65049 | 05S      | 30E   | XX      | XX         |
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 349.8 | 5900      | 3711846 | 11      | 4141069  | 354650  | 37.40502 | -118.64226 | 06S      | 30E   | 26      | XX         |

Title: Digital 395 Middle Mile  
 Easy Grants ID: 5569

### 17 Environmental - Critical Habitats Species Accounts

| cname                      | ftype   | precision | radius | area  | elevation | keyquad | utmzone | utmnorth | utmeast | latitude | longitude  | township | range | section | qtrsection |
|----------------------------|---------|-----------|--------|-------|-----------|---------|---------|----------|---------|----------|------------|----------|-------|---------|------------|
| Water Birch Riparian Scrub | POLYGON | SPECIFIC  | 0      | 324.9 | 5700      | 3711835 | 11      | 4138638  | 360706  | 37.38404 | -118.57342 | 07S      | 31E   | XX      | XX         |