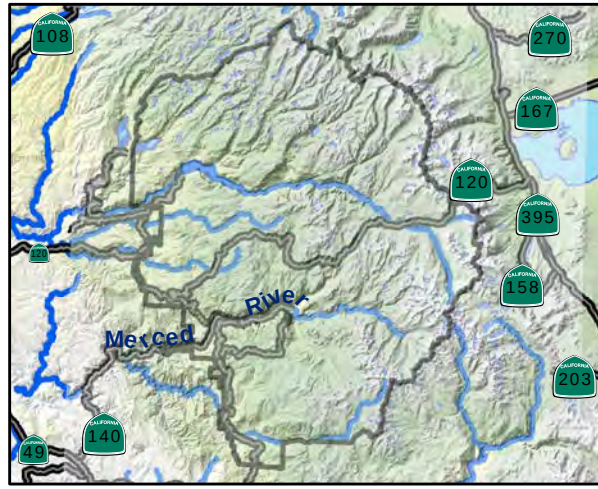


2020 Invasive Plant Work Plan

Cover Page

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior

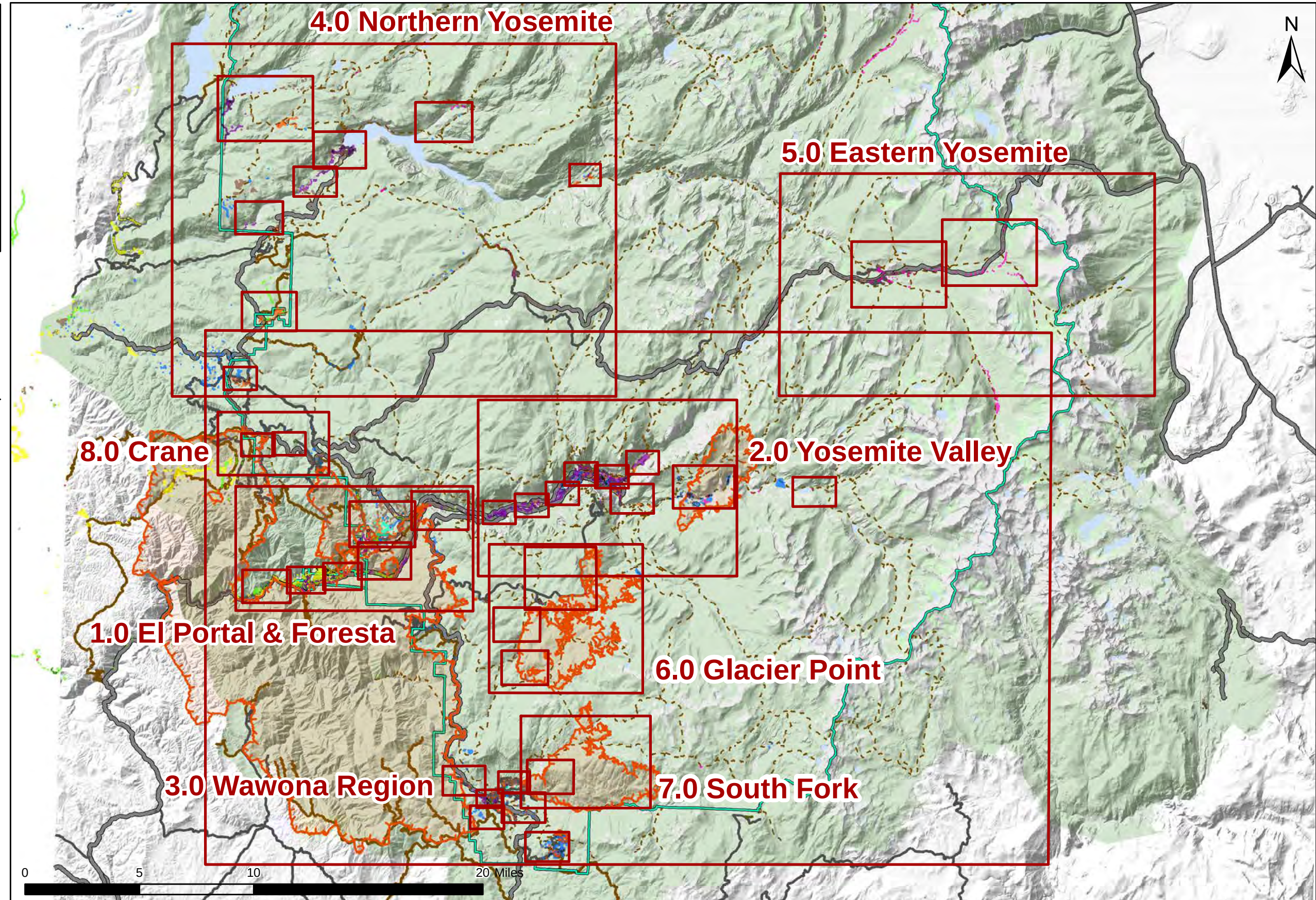


Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Invasive Plant Species

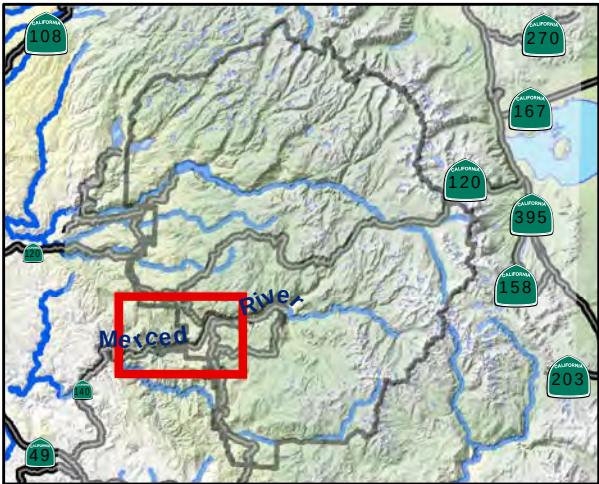
- Early Detection Species
- Rubus sp.
- Broom Species
- Cirsium vulgare
- Taraxacum officinale
- Hypericum perforatum
- Leucanthemum vulgare
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species



2020 Invasive Plant Work Plan

1.0 El Portal & Foresta

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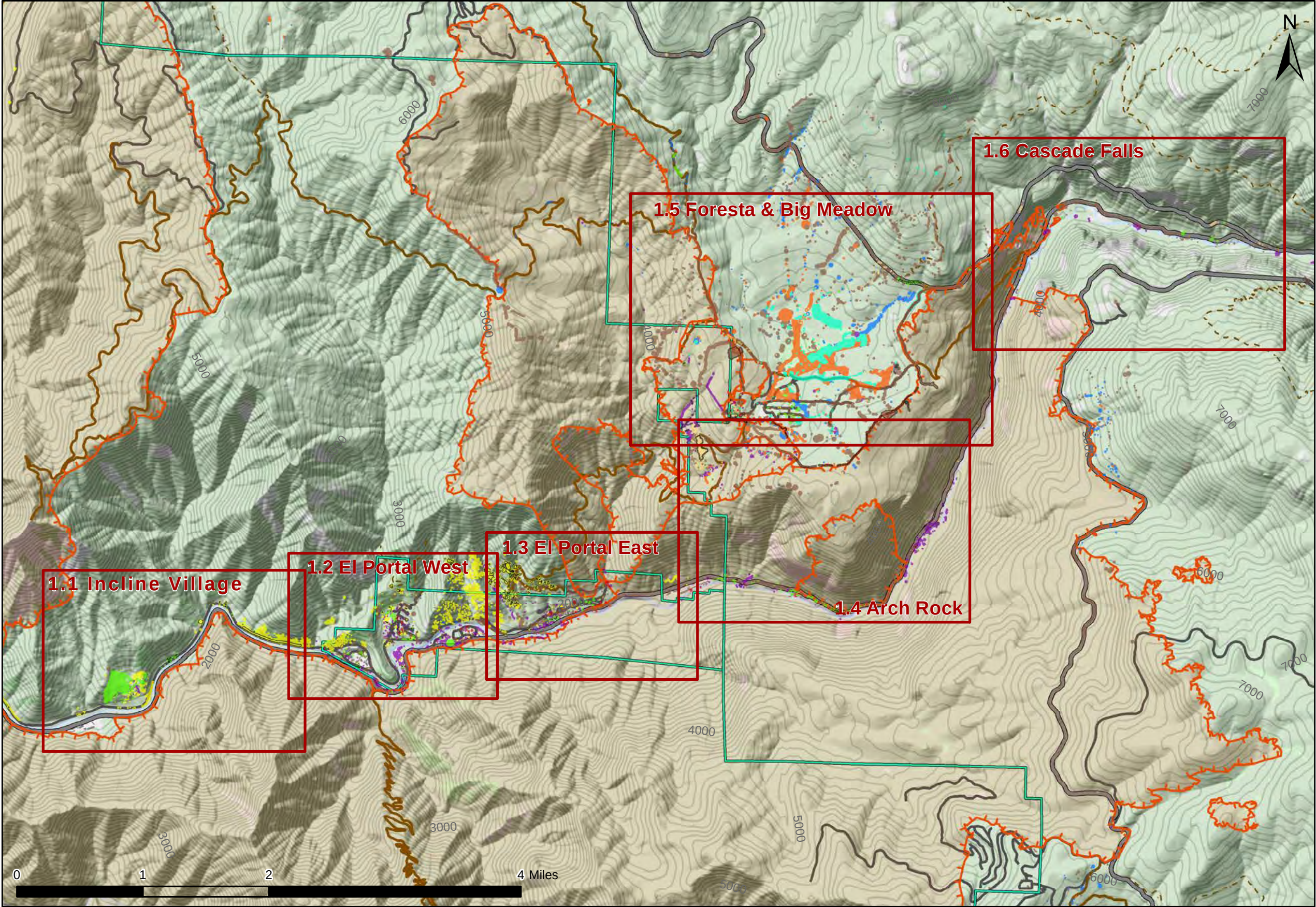
- Map Features**
- Park Boundary
 - Wilderness
 - Fire Perimeters
 - Roads
 - Trails
 - Buildings
 - Wet meadows
 - Rivers
 - Lakes
 - Reservoirs

- Treatment Annotations**
- Early Detection
 - Blackberry
 - High priority
 - Low priority

Invasive Treatments

Treated in 2019

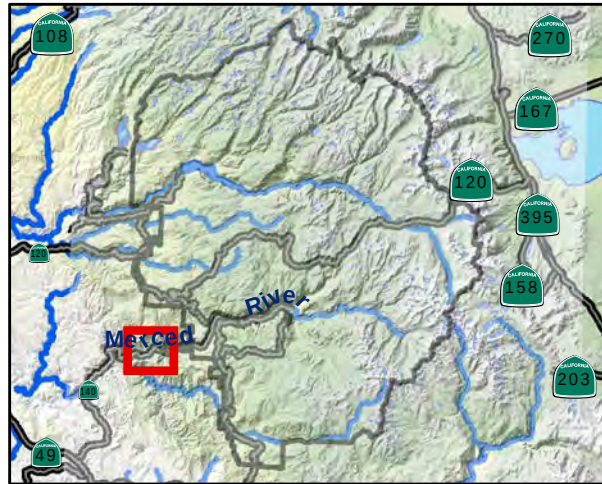
- Invasive Plant Species**
- Early Detection Species
 - Rubus sp.
 - Broom Species
 - Cirsium vulgare
 - Taraxacum officinale
 - Hypericum perforatum
 - Leucanthemum vulgare
 - Perennial Woody Species
 - Holcus lanatus
 - Centaurea solstitialis
 - Lower Priority Species



2020 Invasive Plant Work Plan

1.1 Incline Village

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

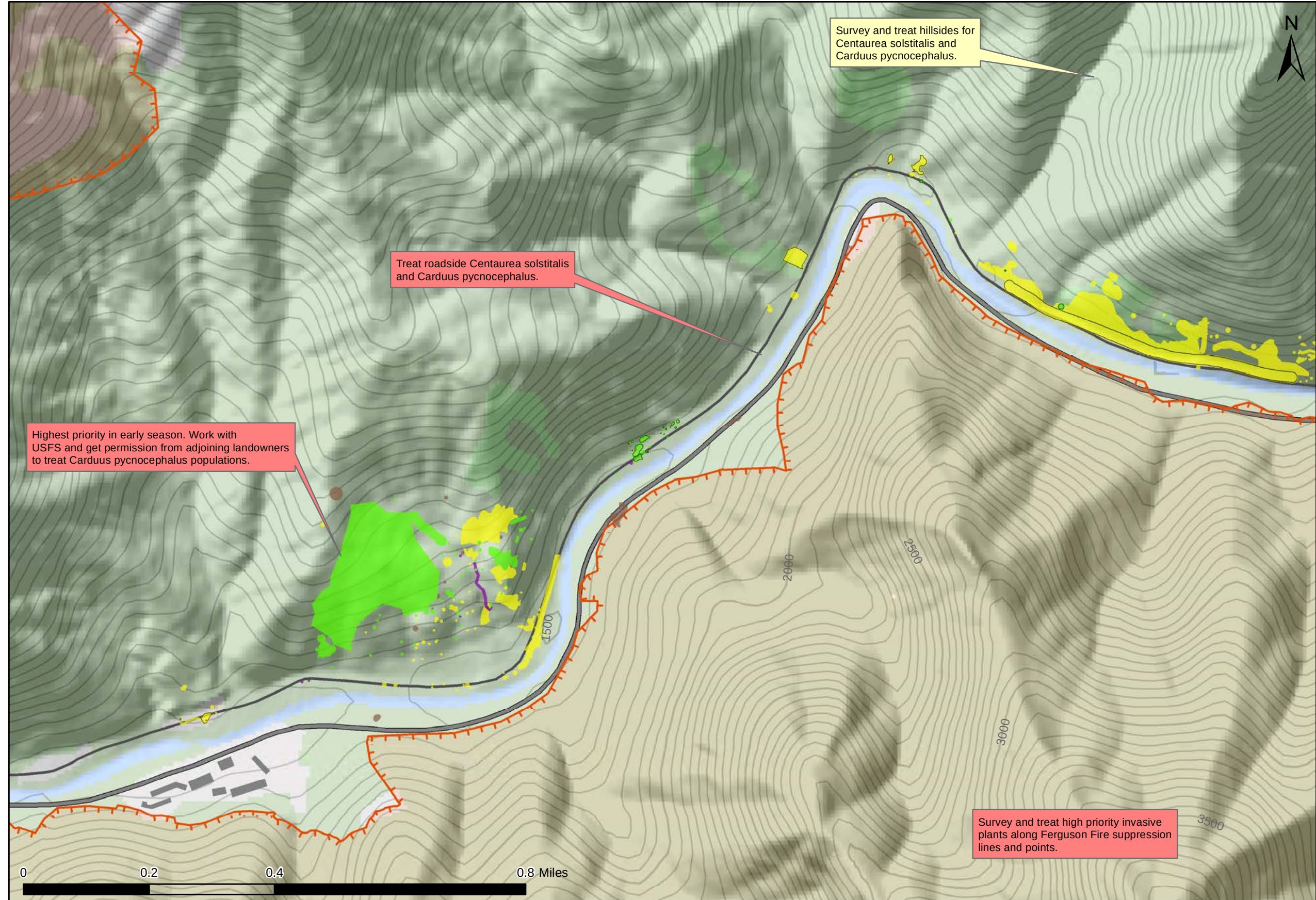
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

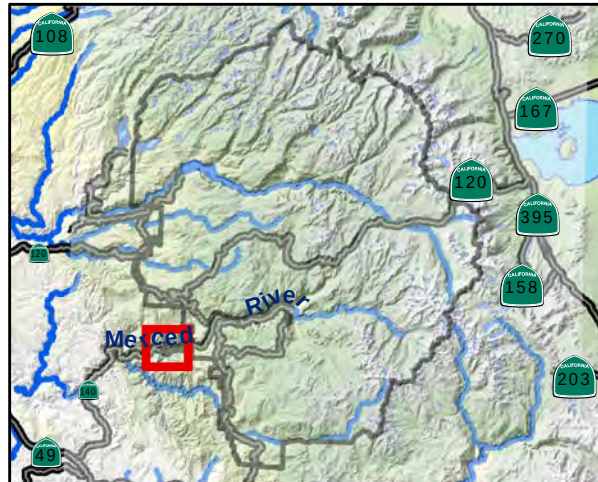
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Hypericum perforatum |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

1.2 El Portal West

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Map Features

- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

Treatment Annotations

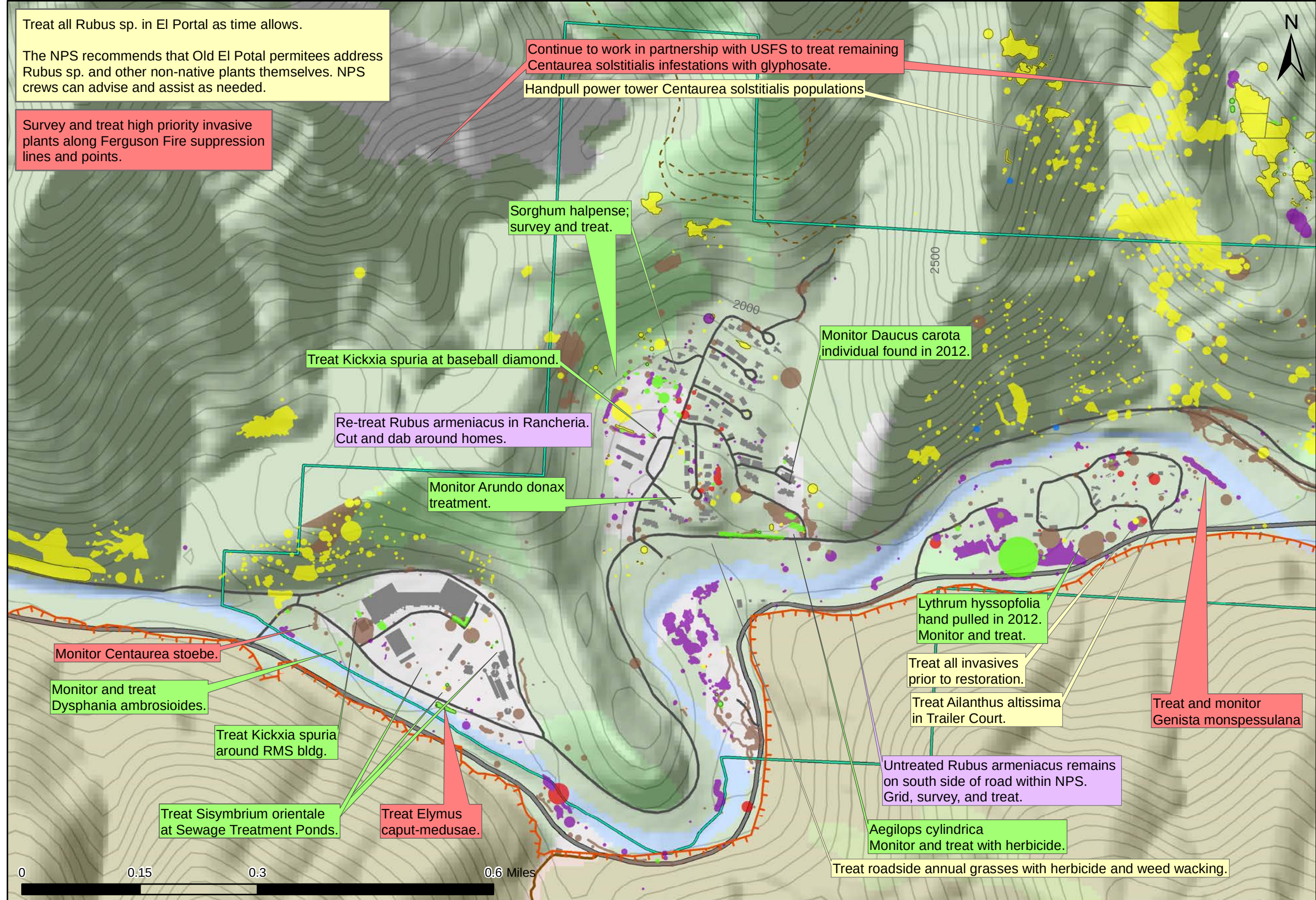
- Early Detection
- High priority
- Blackberry
- Low priority

Invasive Treatments

- Treated in 2019

Invasive Plant Species

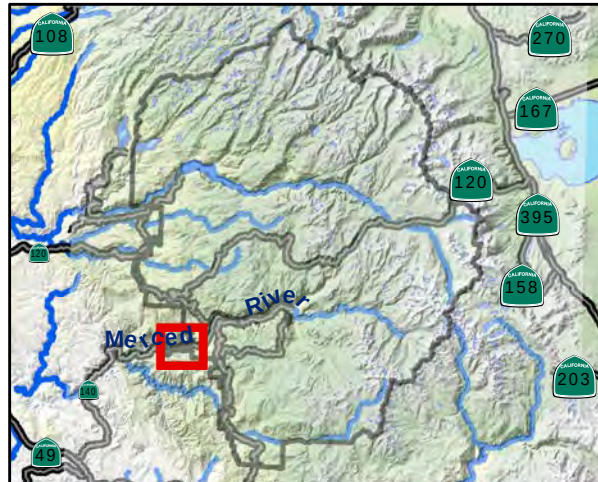
- Early Detection Species
- Rubus sp.
- Broom Species
- Cirsium vulgare
- Hypericum perforatum
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species



2020 Invasive Plant Work Plan

1.3 El Portal East

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Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

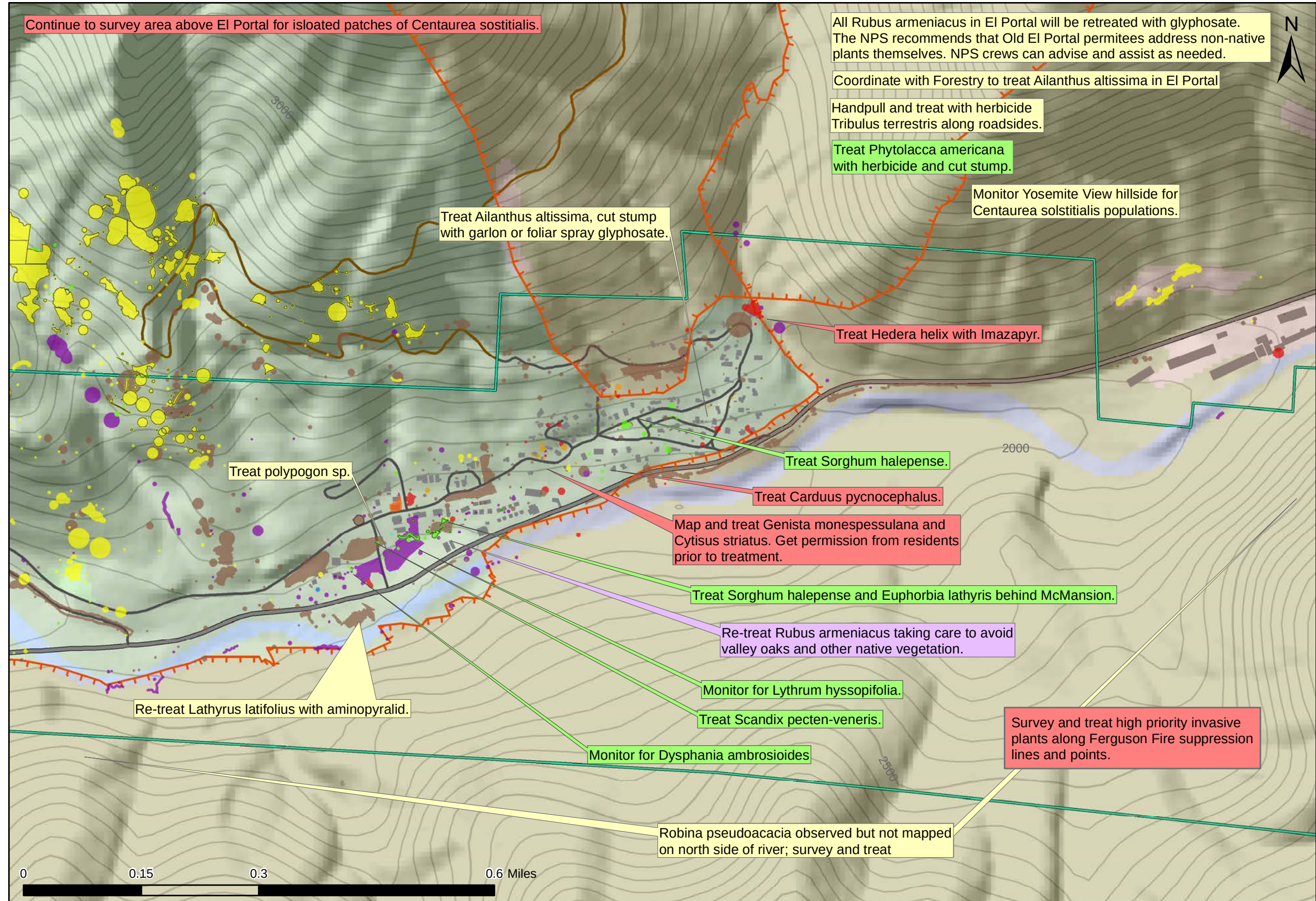
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

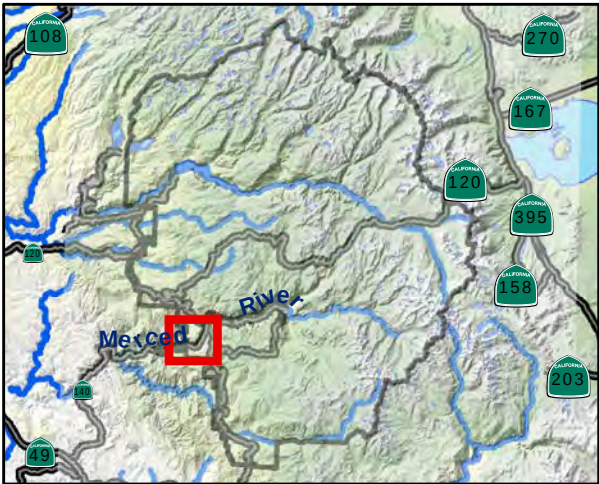
- Early Detection Species
- Rubus sp.
- Broom Species
- Cirsium vulgare
- Leucanthemum vulgare
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species



2020 Invasive Plant Work Plan

1.4 Arch Rock

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Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

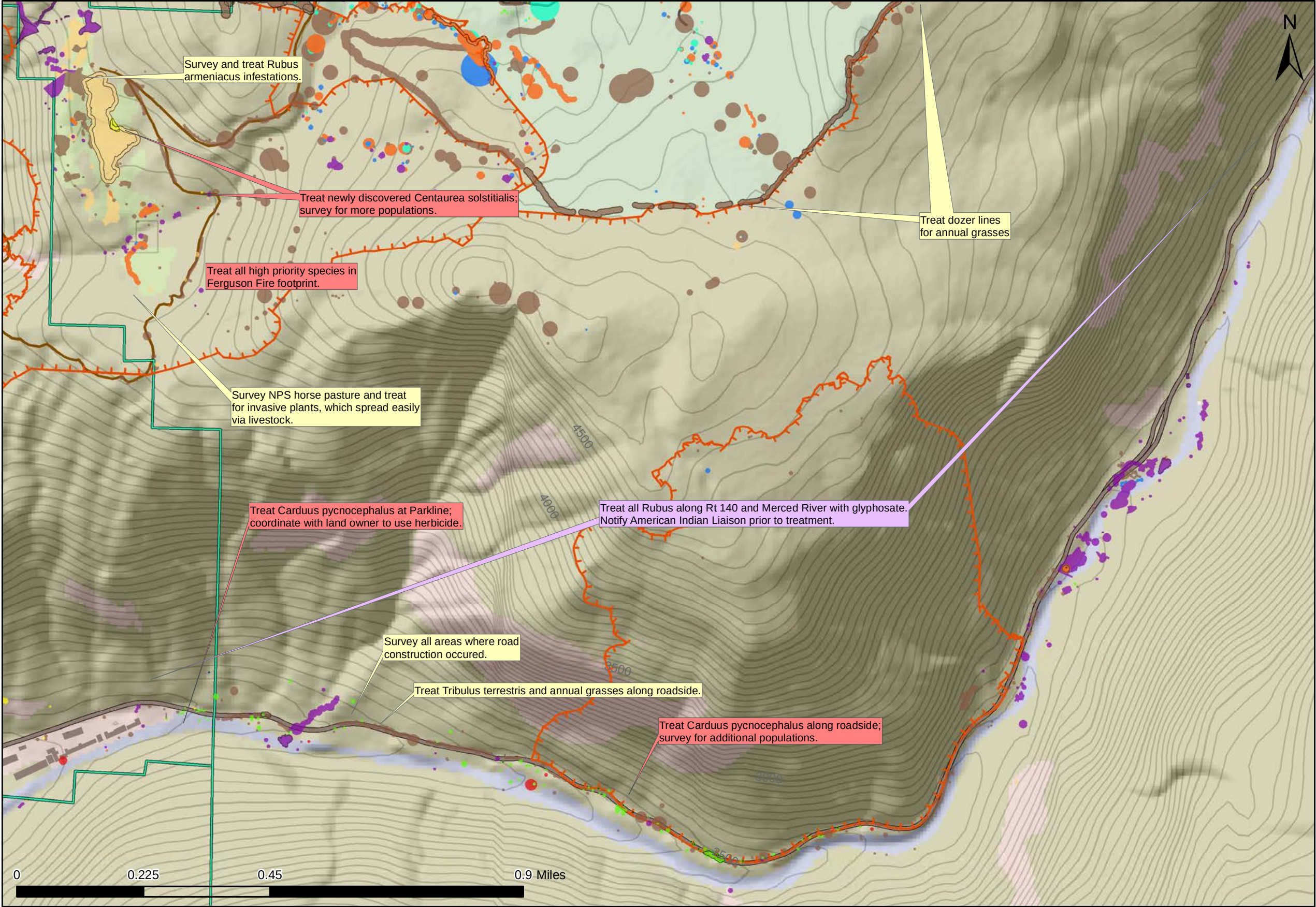
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

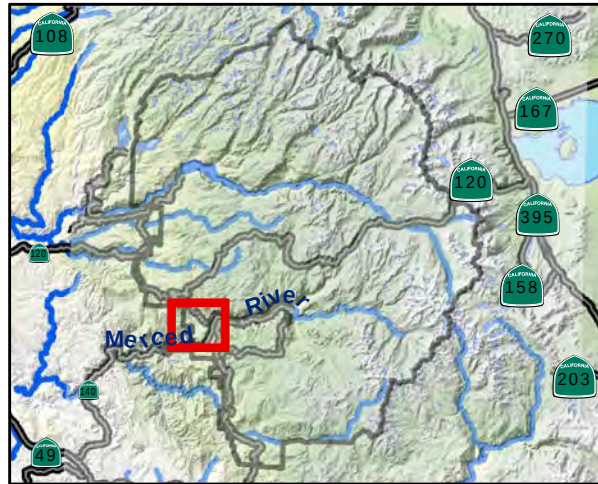
- Early Detection Species
- Rubus sp.
- Cirsium vulgare
- Taraxacum officinale
- Hypericum perforatum
- Leucanthemum vulgare
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species



2020 Invasive Plant Work Plan

1.5 Foresta & Big Meadow

Yosemite National Park
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Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

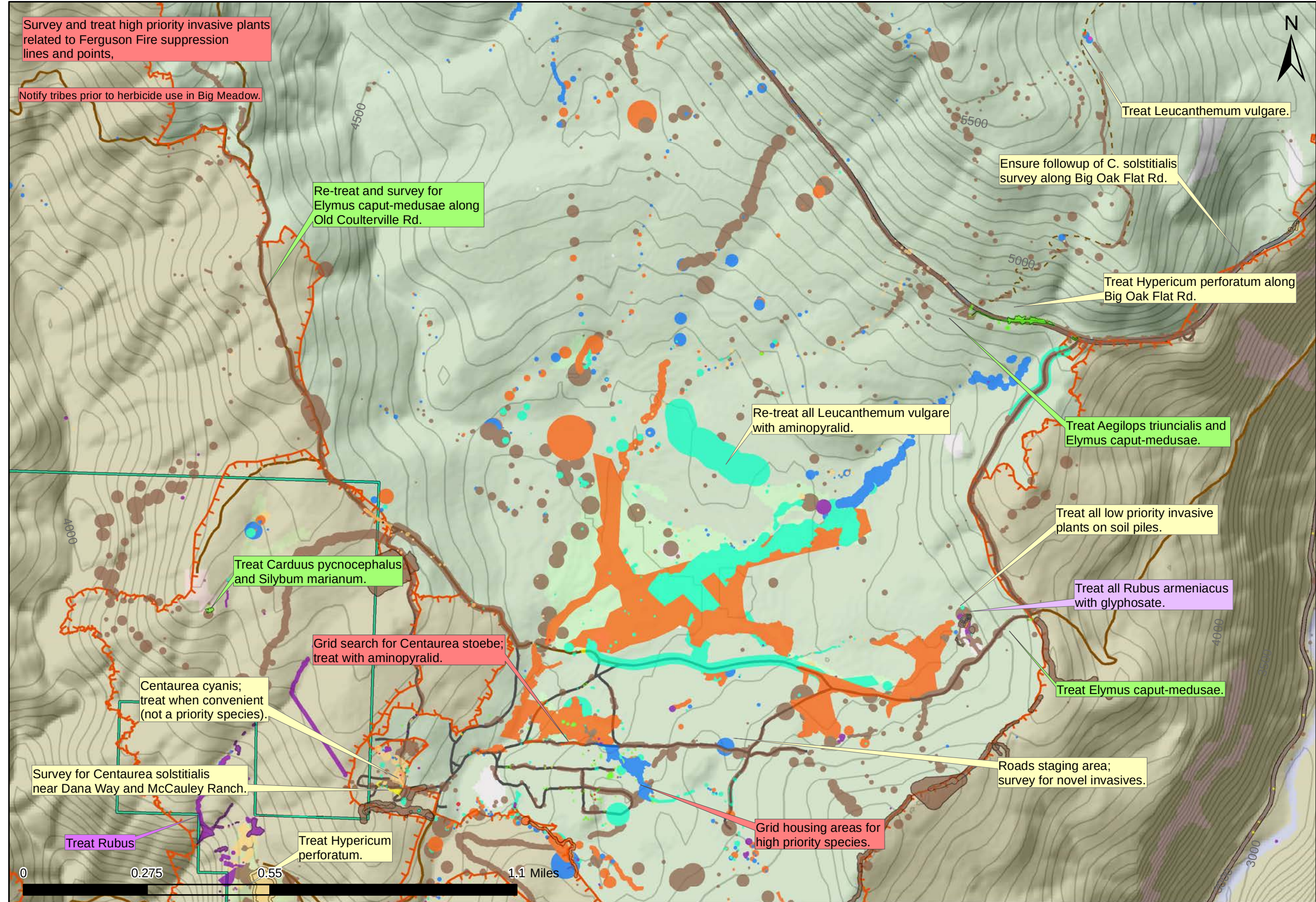
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

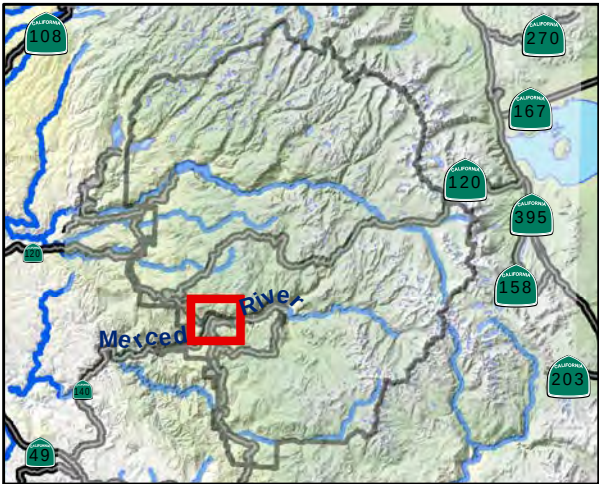
- Early Detection Species
- Rubus sp.
- Cirsium vulgare
- Taraxacum officinale
- Hypericum perforatum
- Leucanthemum vulgare
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species



2020 Invasive Plant Work Plan

1.6 Cascade Falls

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Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

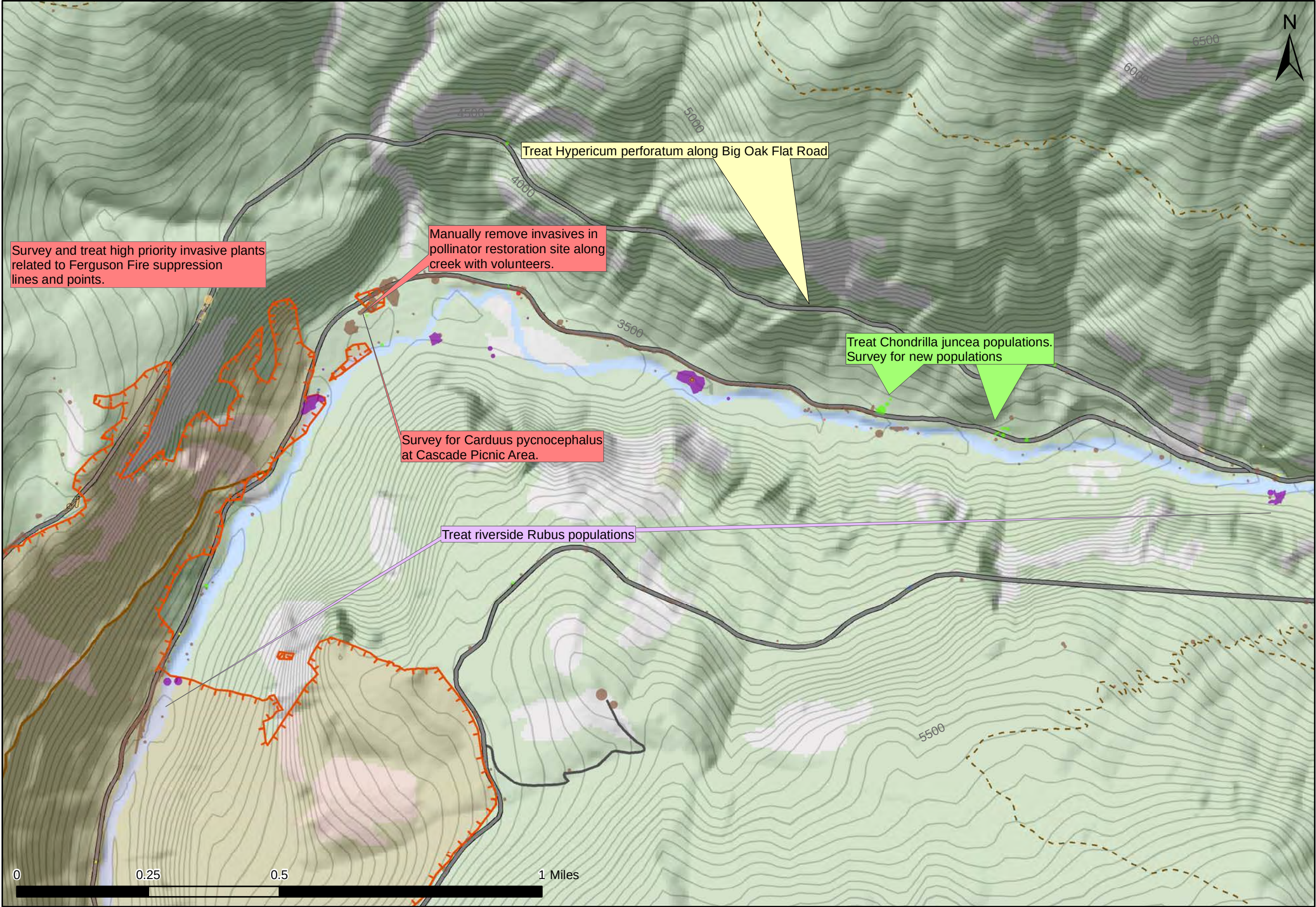
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

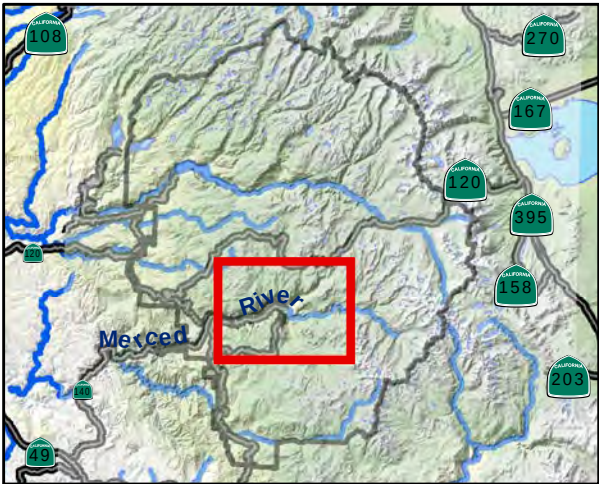
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Rubus sp. |
| | Cirsium vulgare |
| | Hypericum perforatum |
| | Perennial Woody Species |
| | Holcus lanatus |
| | Centaurea solstitialis |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

2.0 Yosemite Valley

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

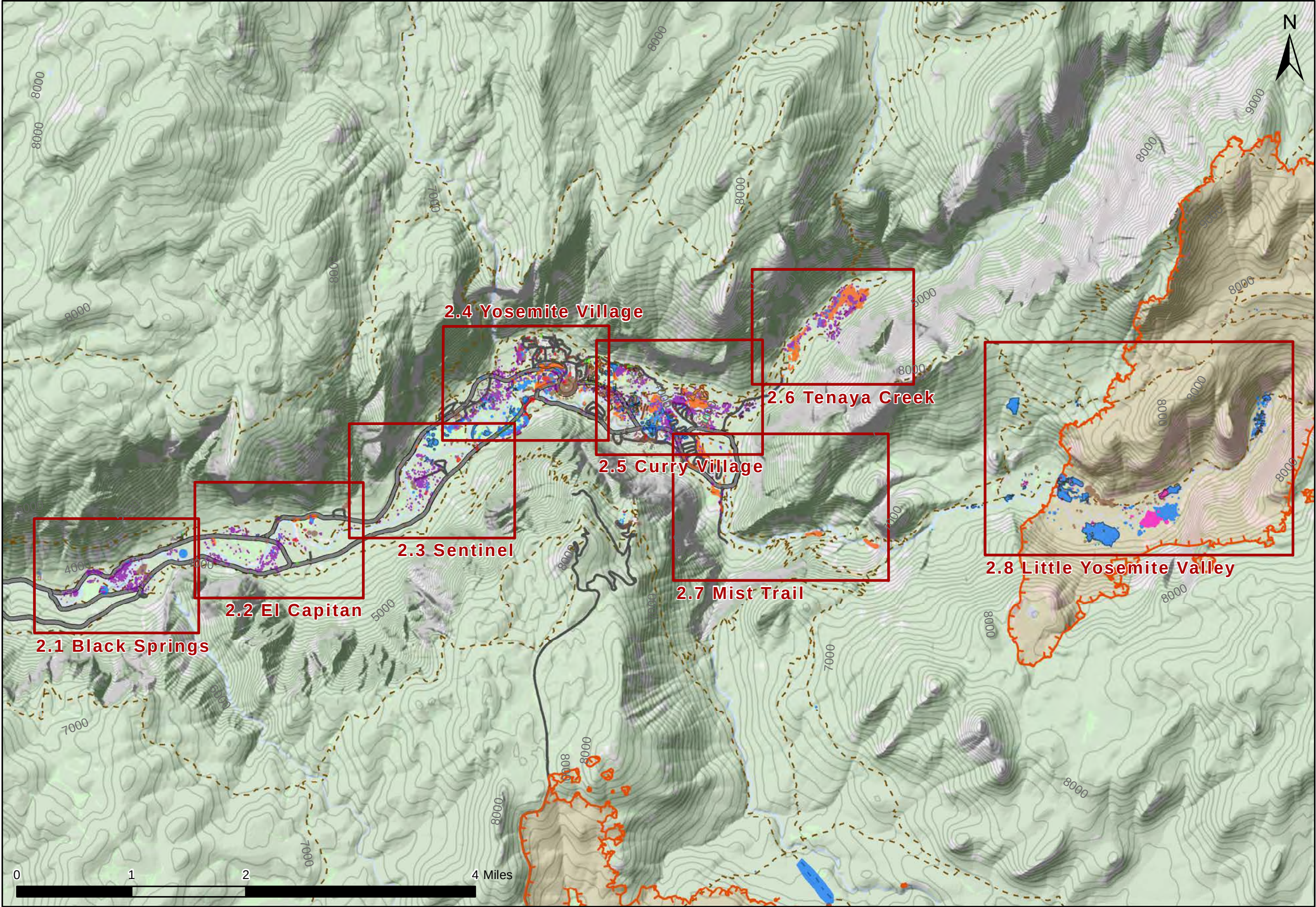
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

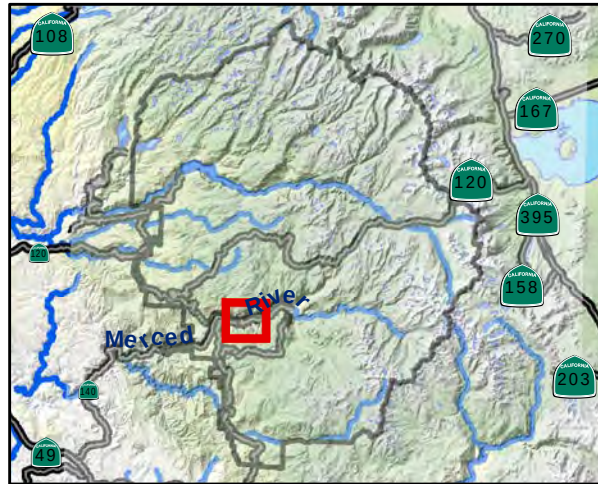
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

2.1 Black Springs

Yosemite National Park
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U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Lower Priority Species |

Notify aquatic ecologist prior to treatment of velvet grass or blackberry. Use aquatic formulations within 10 feet of wetlands or water.

Do not spray if rain is >1/2 inch for 72 hours.

Grid search, map, and treat Rubus sp. north of Northside Drive.

Monitor and handpull Ambrosia acanthicarpa.

Treat Rubus laciniatus populations with Polaris.

Monitor and handpull Ambrosia acanthicarpa.

Map Holcus lanatus populations

Treat Robina pseudoacacia with basal bark and cut-stump.

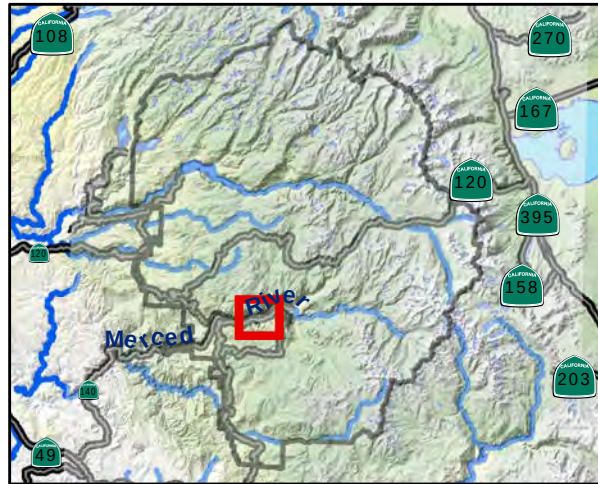
Cut and dab method used, honoring tribal request. Continue to treat following prescription suggestions from tribal site visit in 2010. Adhere to 3 week signage period, or as directed by American Indian Liaison.

0 0.125 0.25 0.5 Miles

2020 Invasive Plant Work Plan

2.2 El Capitan

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

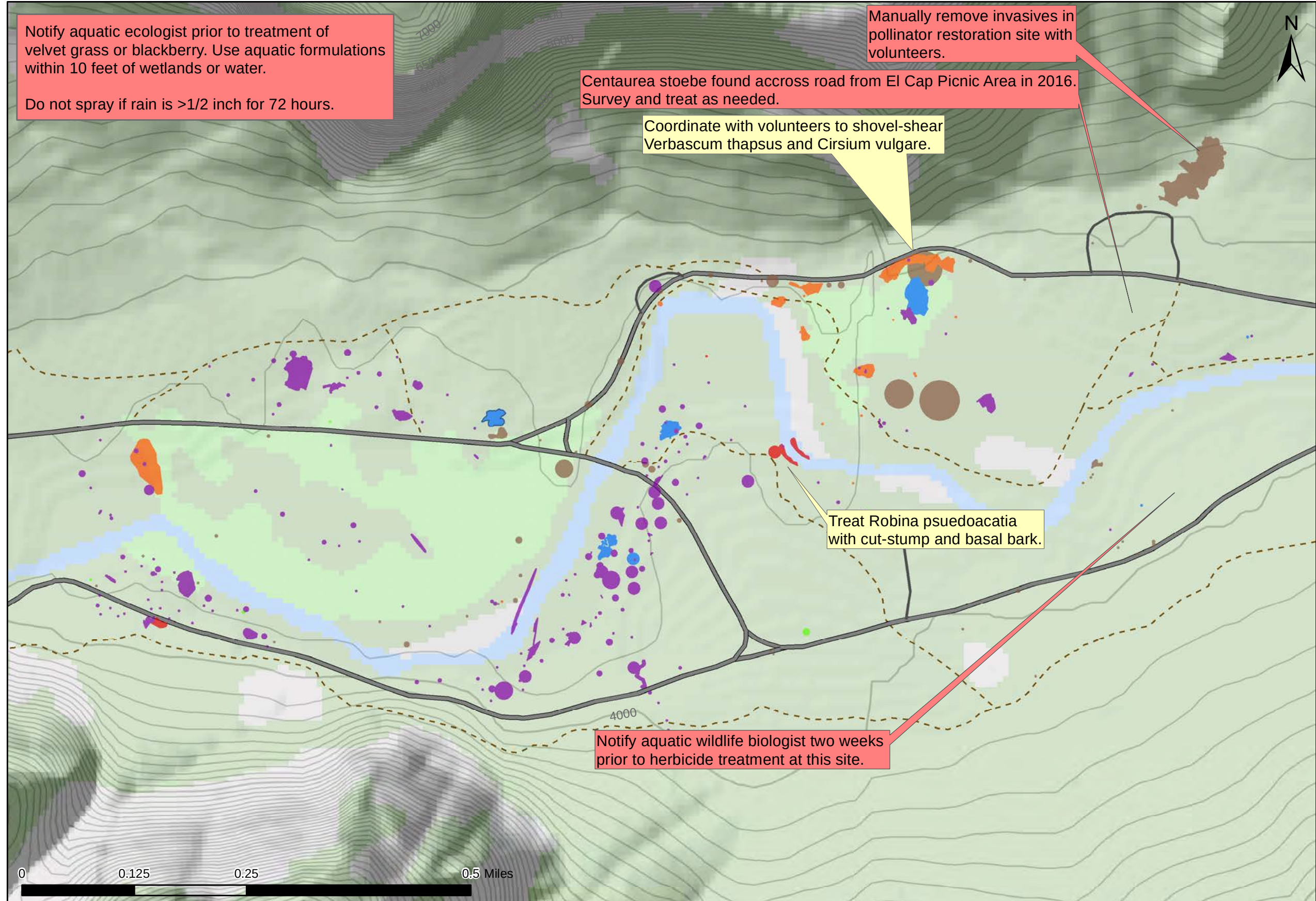
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

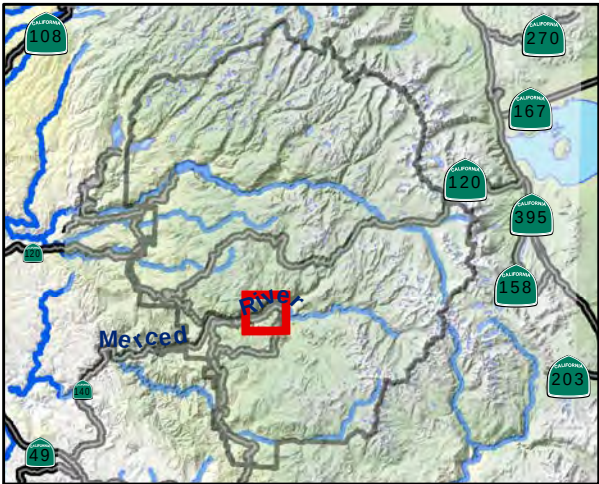
- Early Detection Species
- Rubus sp.
- Cirsium vulgare
- Taraxacum officinale
- Hypericum perforatum
- Perennial Woody Species
- Holcus lanatus
- Lower Priority Species



2020 Invasive Plant Work Plan

2.3 Sentinel

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior

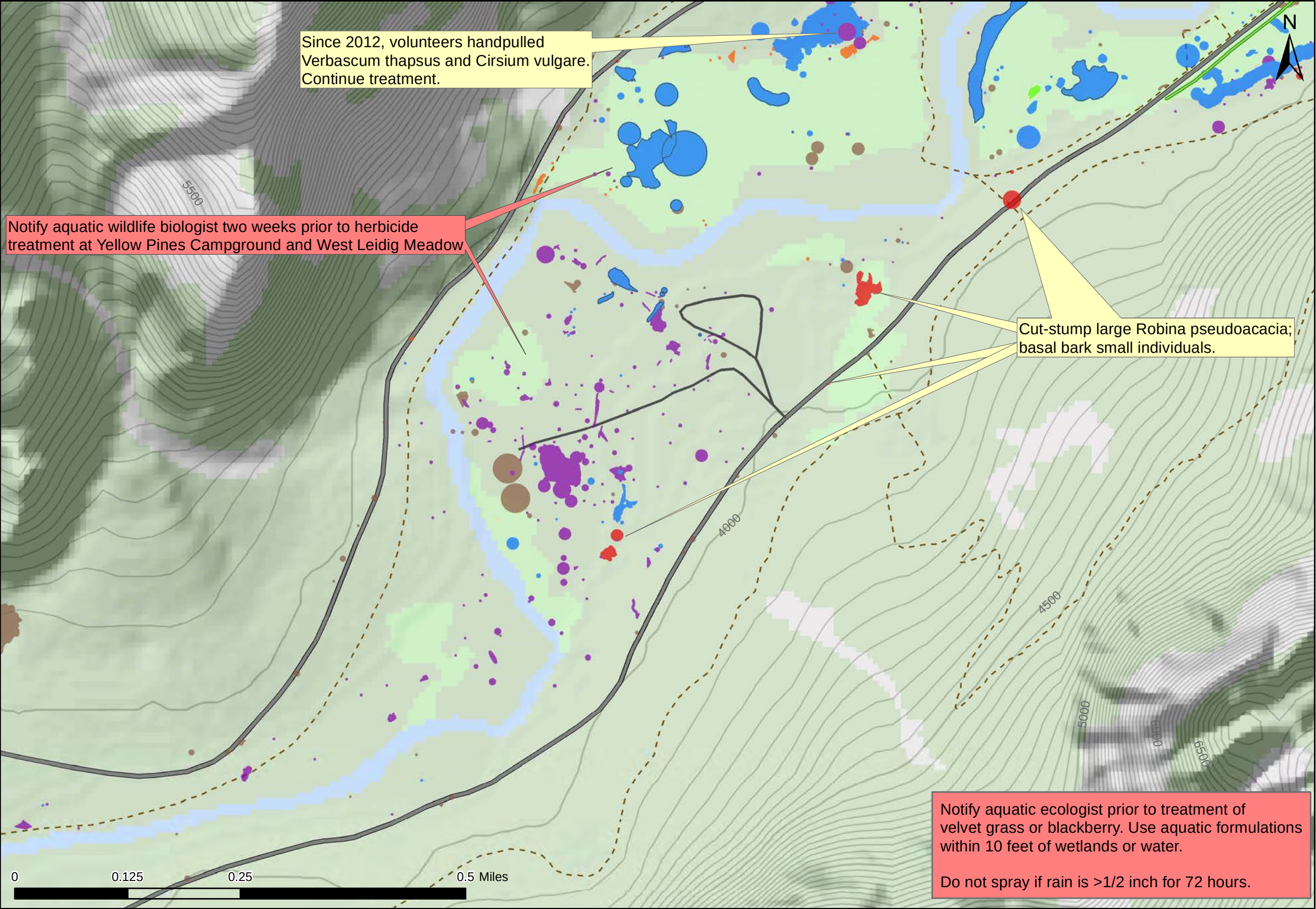


- Map Features**
- Park Boundary
 - Wilderness
 - Fire Perimeters
 - Roads
 - Trails
 - Buildings
 - Wet meadows
 - Rivers
 - Lakes
 - Reservoirs

- Treatment Annotations**
- Early Detection
 - Blackberry
 - High priority
 - Low priority

- Invasive Treatments**
- Treated in 2019

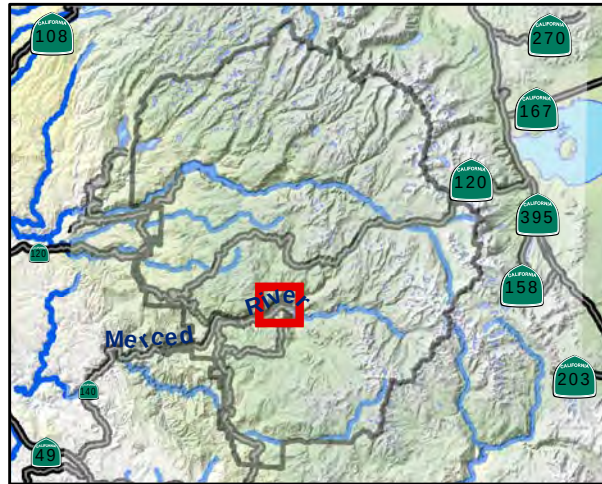
- Invasive Plant Species**
- Early Detection Species
 - Rubus sp.
 - Cirsium vulgare
 - Taraxacum officinale
 - Hypericum perforatum
 - Perennial Woody Species
 - Holcus lanatus
 - Lower Priority Species



2020 Invasive Plant Work Plan

2.4 Yosemite Village

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

Treatment Annotations

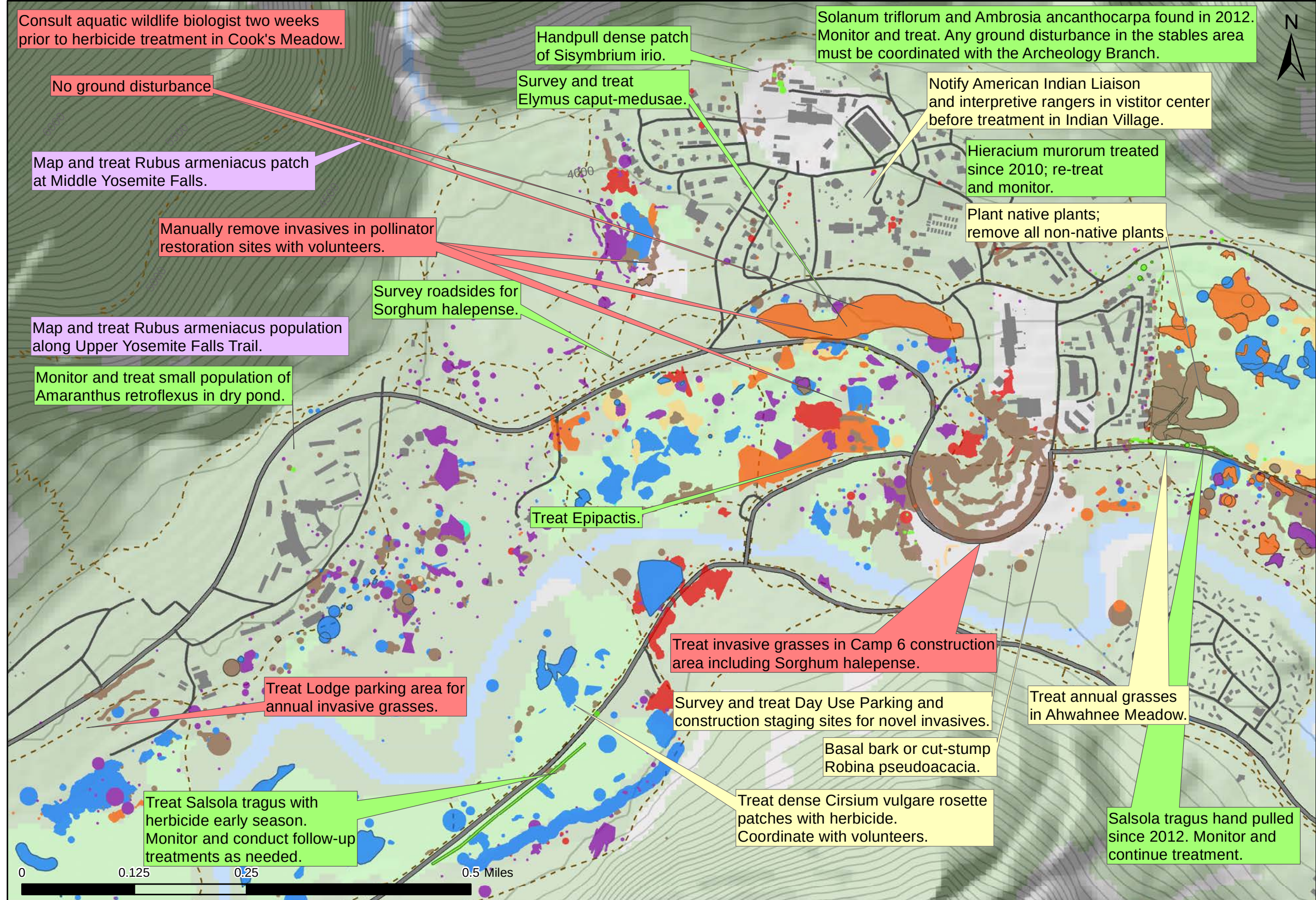
- Early Detection
- High priority
- Blackberry
- Low priority

Invasive Treatments

- Treated in 2019

Invasive Plant Species

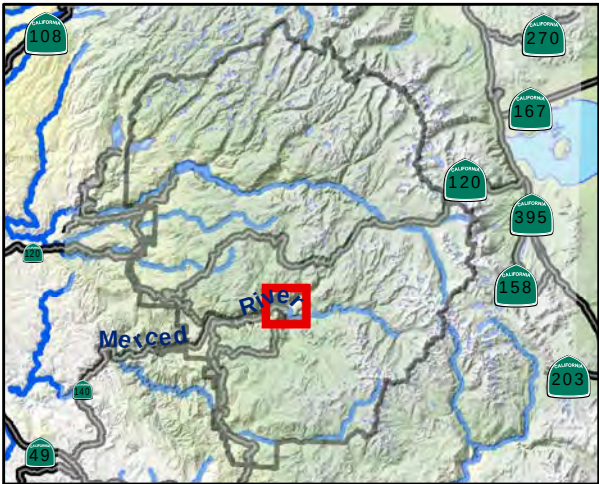
- Early Detection Species
- Rubus sp.
- Cirsium vulgare
- Taraxacum officinale
- Hypericum perforatum
- Leucanthemum vulgare
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species



2020 Invasive Plant Work Plan

2.5 Half Dome Village

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Lower Priority Species |

Coordinate with volunteers to treat Cirsium vulgare within Ahwahnee Meadow prescribed fire
Treat Holcus lanatus in Ahwahnee Meadow.
Check with wildlife biologist and American Indian Liaison.

Treat Hieracium murorum in Ahwahnee Parking lot.

Carduus pycnocephalus found in 2017. Survey and treat.

Staging area; re-treat soil piles and survey for novel invasives.

Treat Bromus inermis and Holcus lanatus in MRP restoration area.

Cut and dab blackberry in campground areas.

Notify tribes is using herbicide in gathering areas.

Notify aquatic ecologist prior to treatment of velvet grass or blackberry. Use aquatic formulations within 10 feet of wetlands or water.

Do not spray if rain is >1/2 inch for 72 hours.

Survey cliff base below Royal Arches for previously known Rubus armeniacus population.

Treat Rubus sp. in Royal Arches Meadow. Give 2 weeks notice to American Indian Liaison before treatment. Also ID and locate rare native orchid (Epipactis) prior to treatment. Within 3m, treat by cut and dab only.

Treat Holcus lanatus in Royal Arches Meadow.

Treat and map Leucanthemum vulgare.

Close to camp site G, treat Sorghum halepense and other invasives.

Monitor and re-treat Rubus in Half Dome Village; give 48 hours minimum notice to Aramark and nearby residents.

Epipactis treated since 2011; continue treatment.

Treat Robina pseudoacacia via cut stump in consultation with Forestry.

Monitor and treat for Sorghum halepense.

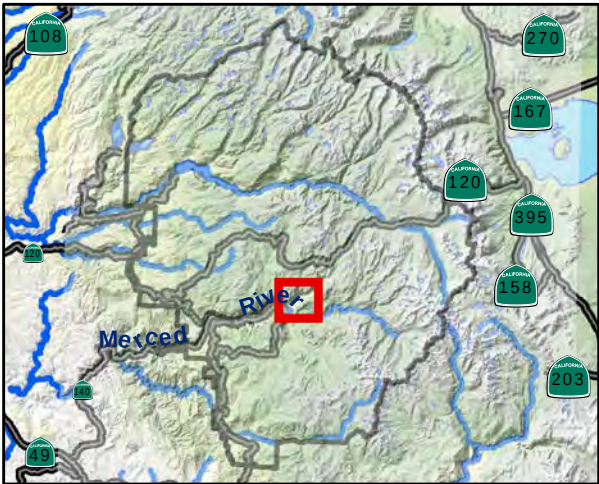
Monitor for Solanum triflorum.

0 0.125 0.25 0.5 Miles

2020 Invasive Plant Work Plan

2.6 Tenaya Creek

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

- | | |
|--|-------------------------|
| | Early Detection Species |
| | Rubus sp. |
| | Cirsium vulgare |
| | Hypericum perforatum |
| | Holcus lanatus |
| | Lower Priority Species |

Notify aquatic ecologist prior to treatment of velvet grass or blackberry. Use aquatic formulations within 10 feet of wetlands or water.

Do not spray if rain is >1/2 inch for 72 hours.

Shovel-shear *Cirsium vulgare* with volunteers.

Use compasses to aid grid lines.

Map and treat *Lactuca biennis* throughout area.

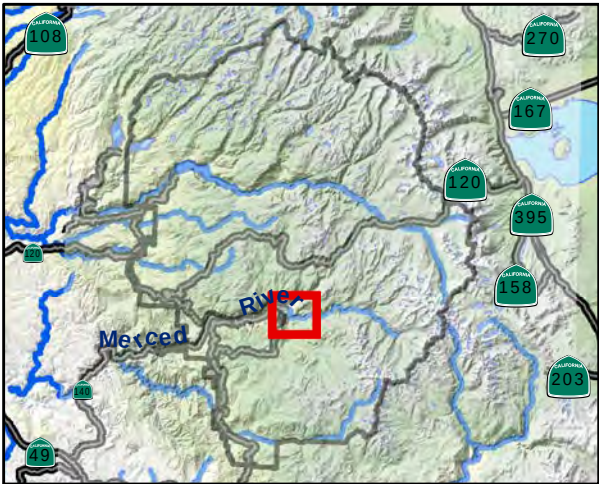
Treat all *Rubus armeniacus* in Tenaya Canyon.

0 0.125 0.25 0.5 Miles

2020 Invasive Plant Work Plan

2.7 Mist Trail

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U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

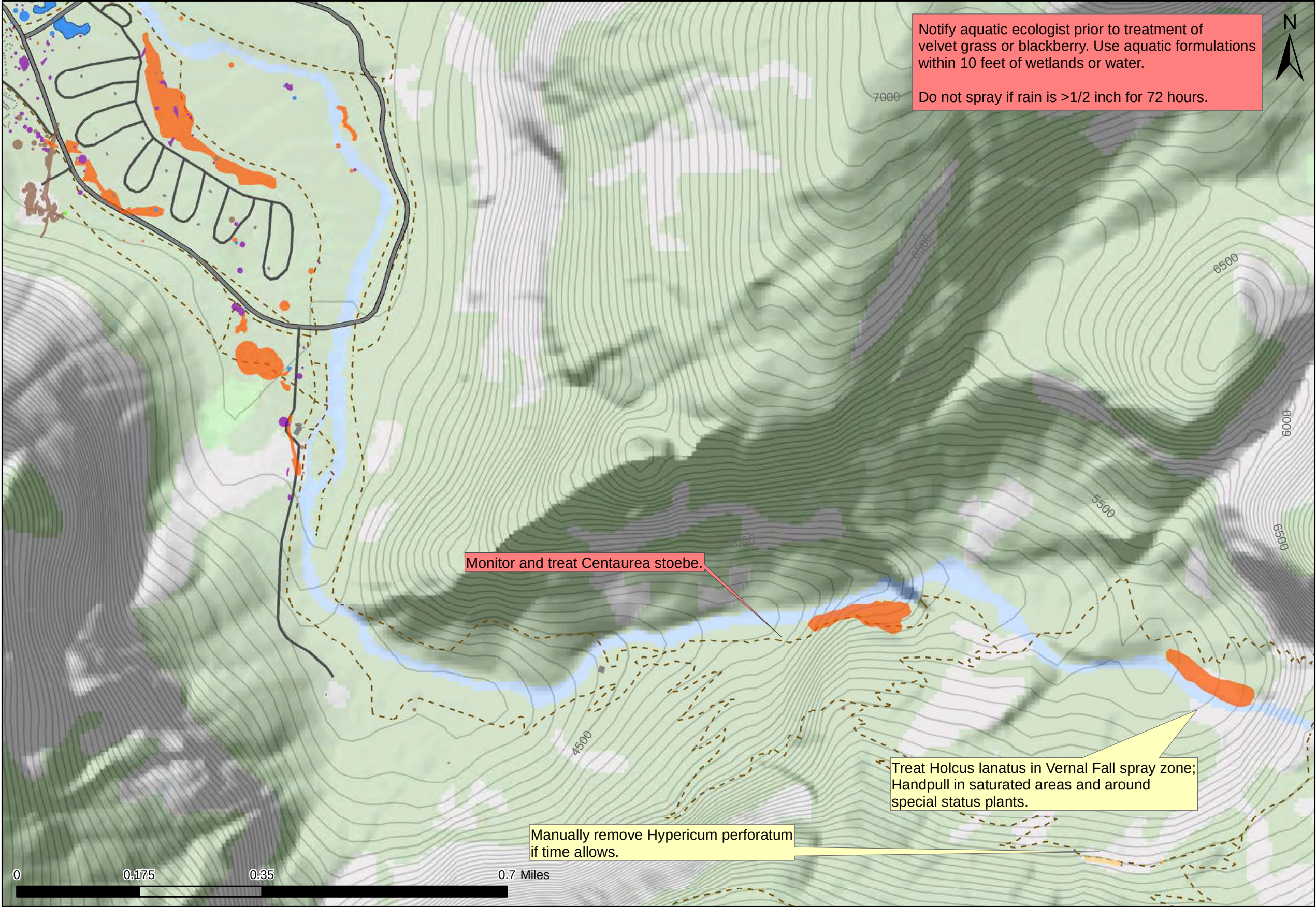
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

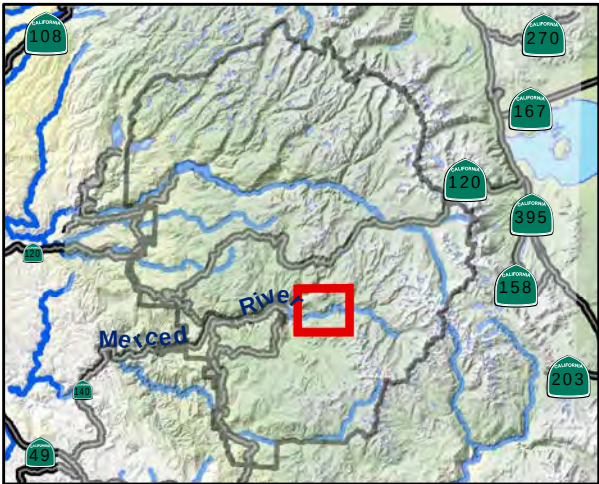
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Hypericum perforatum |
| Holcus lanatus |
| Lower Priority Species |



2020 Invasive Plant Work Plan

2.8 Little Yosemite Valley

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Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

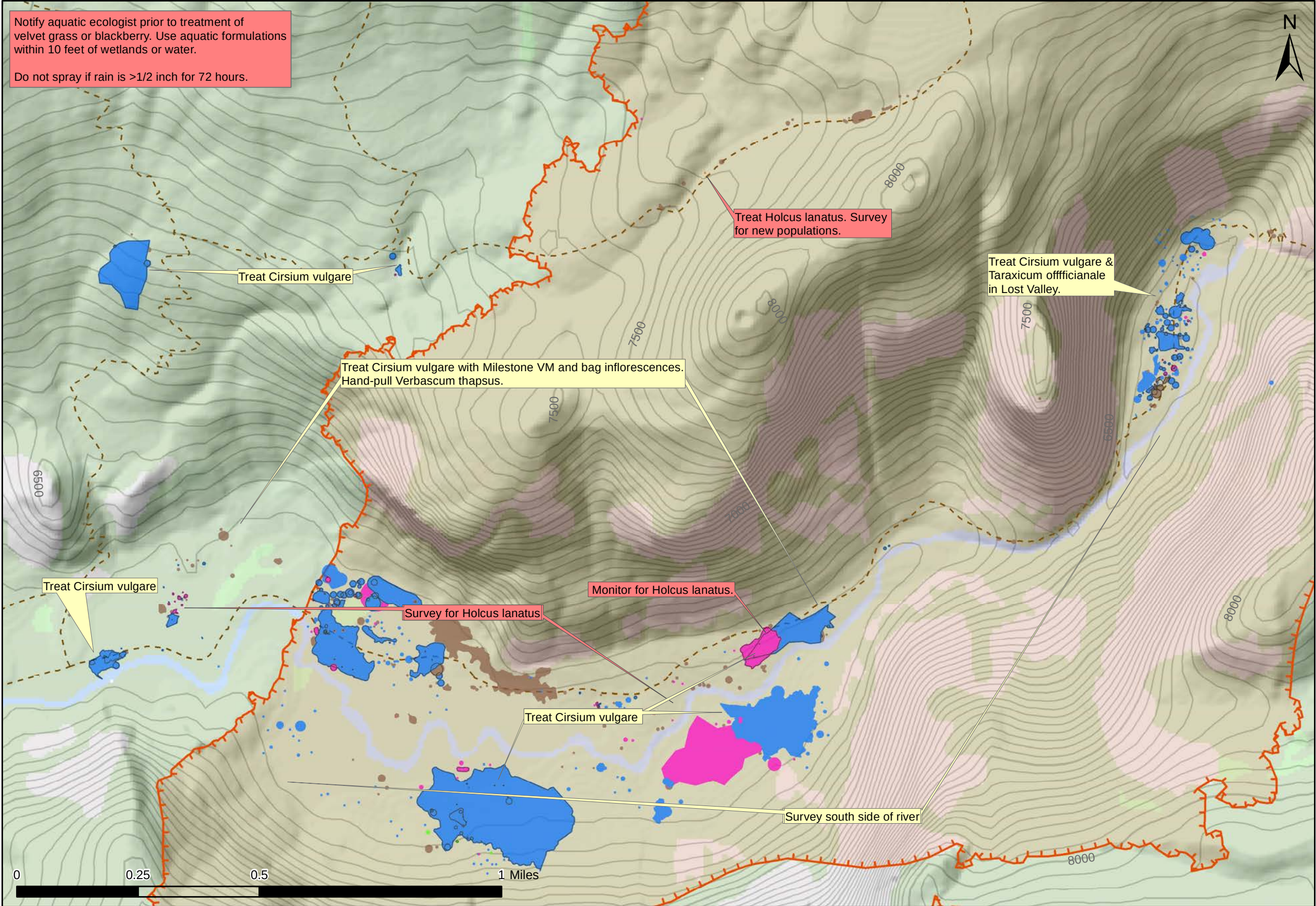
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

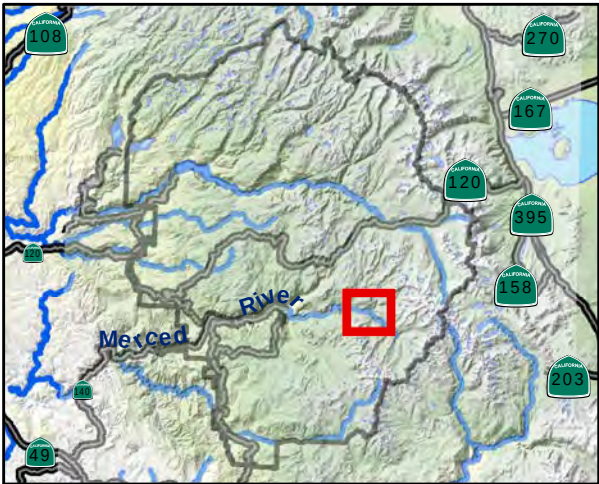
- | |
|-----------------------------|
| Early Detection Species |
| <i>Cirsium vulgare</i> |
| <i>Taraxacum officinale</i> |
| <i>Holcus lanatus</i> |
| Lower Priority Species |



2020 Invasive Plant Work Plan

2.9 Merced Lake

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Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

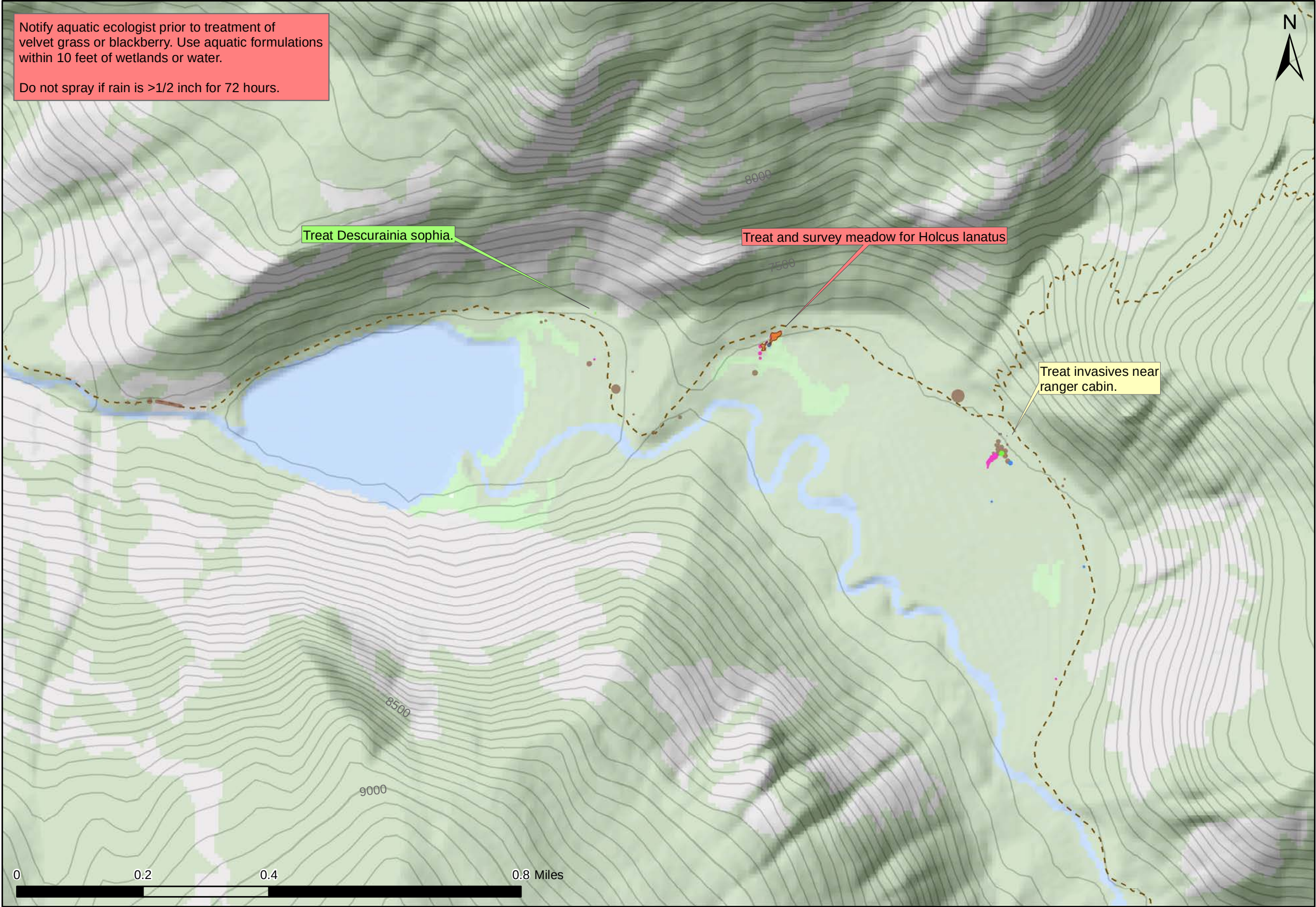
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

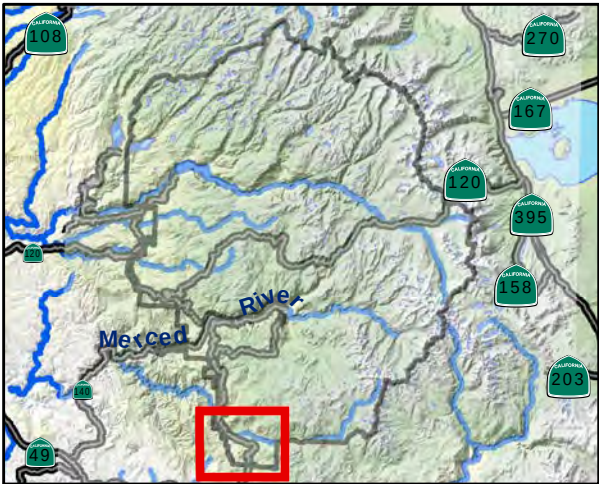
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

3.0 Wawona Region

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Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

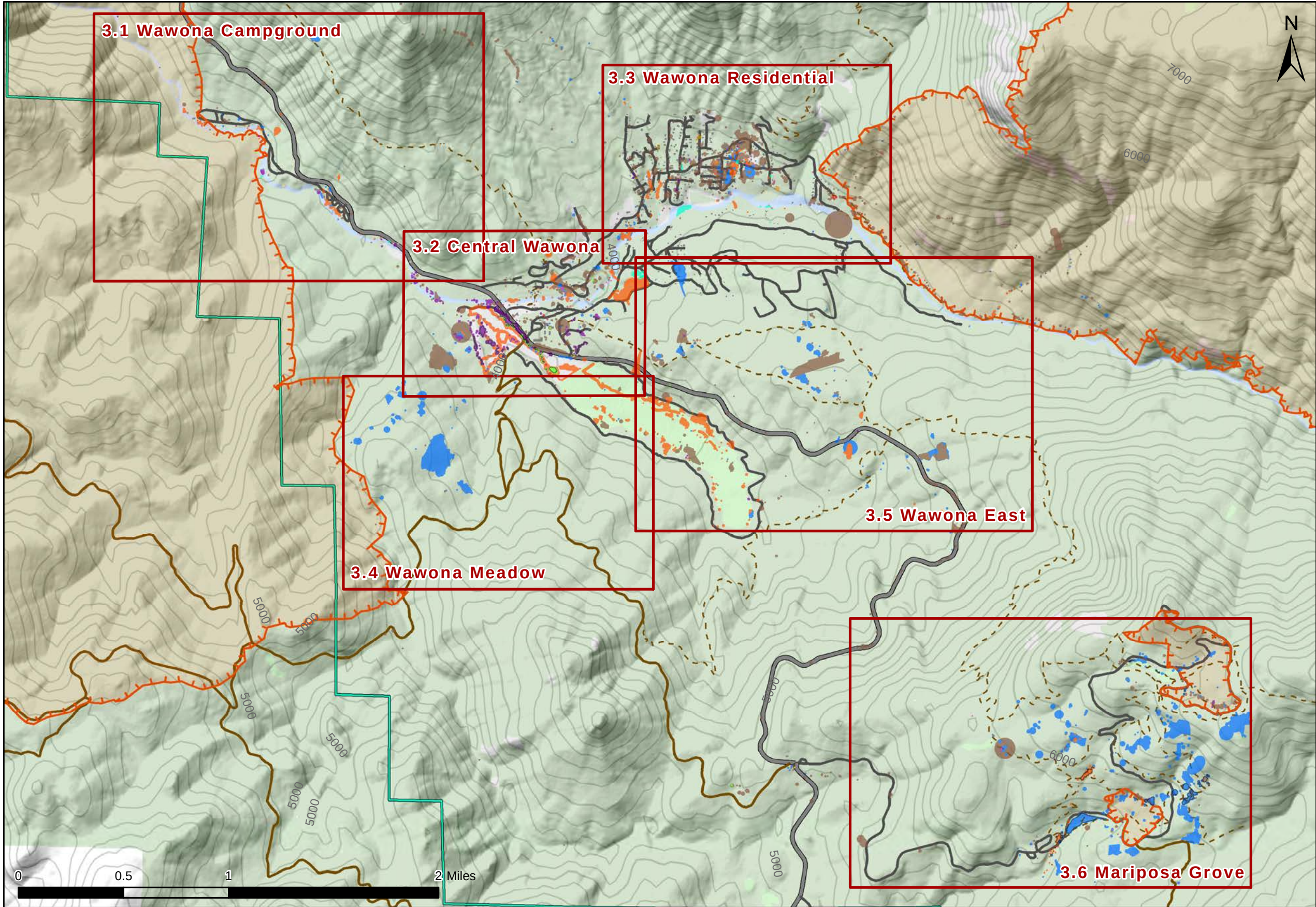
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

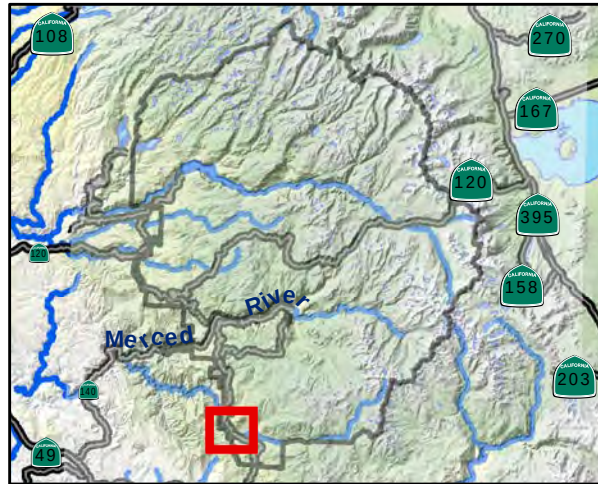
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Broom Species |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

3.1 Wawona Campground

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Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

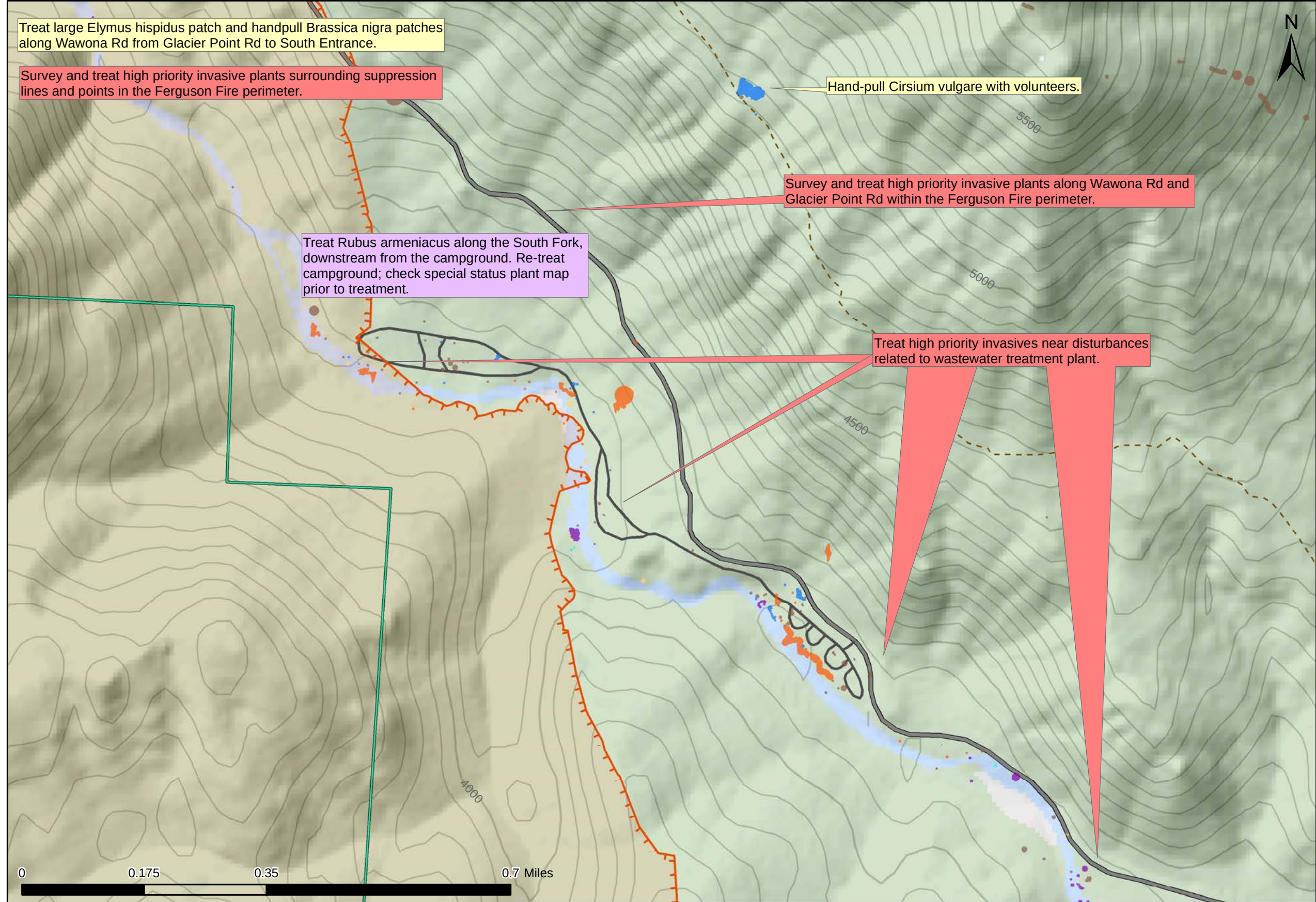
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

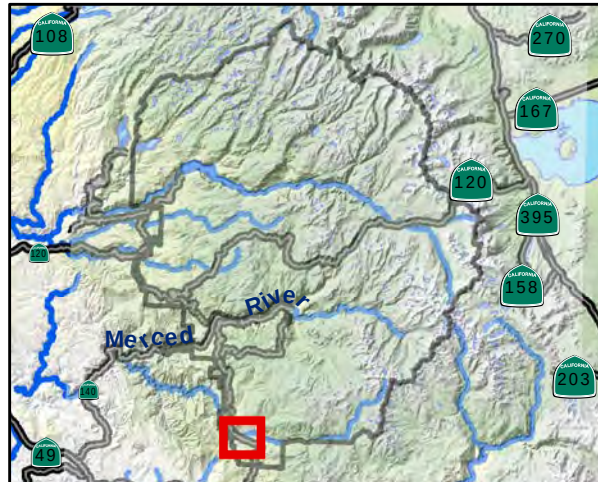
- | |
|------------------------|
| Rubus sp. |
| Cirsium vulgare |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Holcus lanatus |
| Lower Priority Species |



2020 Invasive Plant Work Plan

3.2 Central Wawona

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

- Early Detection Species
- Rubus sp.
- Cirsium vulgare
- Taraxacum officinale
- Hypericum perforatum
- Leucanthemum vulgare
- Perennial Woody Species
- Holcus lanatus
- Centaurea solstitialis
- Lower Priority Species

Monitor helispot; spray *Holcus lanatus* and *Bromus tectorum* with glyphosate or mow to prevent seed spread; identify important vehicle staging areas & survey. Retreat *Holcus lanatus* in Fall and apply pre-emergent Matrix to *Bromus tectorum* in Fall.

Monitor and treat *Lactuca virosa* and *Ambrosia acanthicarpa*

Survey and treat invasives in areas disturbed by South Fork Fire operations.

Treat high priority invasives with herbicide in areas disturbed by wastewater plant construction.

Treat *Ranunculus repens* throughout creek with glyphosate. Survey for new populations.

Re-survey horse camp, staging area, and treatment plant

Re-treat *Rubus* sp. along golf course in coordination with Aramark.

Centaurea solstitialis found in 2016; survey and treat.

Re-map *Holcus lanatus*.

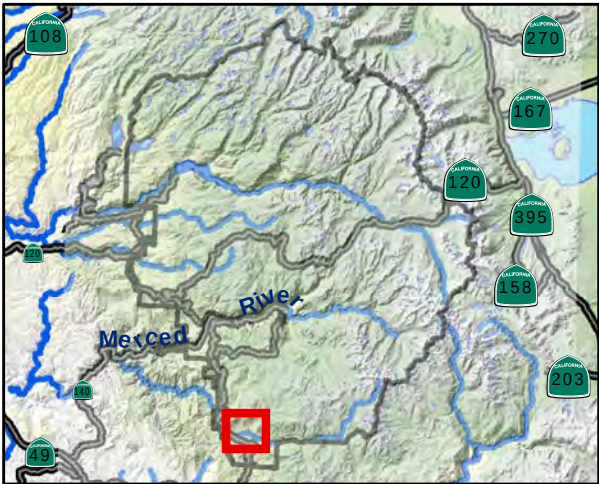
Treat golf course *Humulus lupulus* population with Polaris.

0 0.1 0.2 0.4 Miles

2020 Invasive Plant Work Plan

3.3 Wawona Residential

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

- | |
|-------------------------|
| Rubus sp. |
| Broom Species |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Lower Priority Species |

Treat all remaining *Rubus armeniacus* in Wawona on NPS land, and with explicit consent of private land inholders. Consider more outreach and volunteers for grid surveys and hand pulling in NPS housing areas. Riparian *Rubus* along South Fork of the Merced is of highest priority. Coordinate any ground disturbing activities in residential area (i.e. handpulling, shovel shearing) with Anthropology Branch. Notify American Indian Liaison when working in the area. Place signage when near *Rhus trilobata* applying herbicide

Survey and treat invasives in areas disturbed by South Fork Fire operations.

Cytisus scorpiarius treated in 2016. Monitor and re-treat with landowner permission.

Lychnis coronaria is spreading and should be discouraged for use as an ornamental.

Treat *Holcus lanatus*.

Map *Lathyrus latifolius*. Treat with herbicide if agreement is made with landowner.

Cytisus scorpiarius treated in 2016. Monitor and re-treat with landowner permission.

Monitor *Robinia pseudoacacia*.

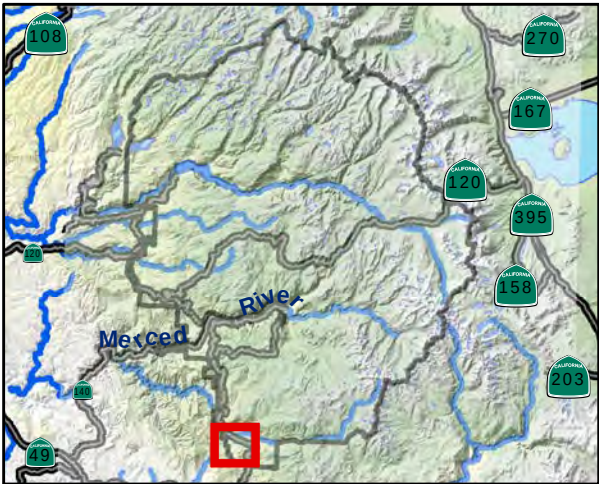
Treat *Bromus tectorum* in fire footprint along trail.

0 0.125 0.25 0.5 Miles

2020 Invasive Plant Work Plan

3.4 Wawona Meadow

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



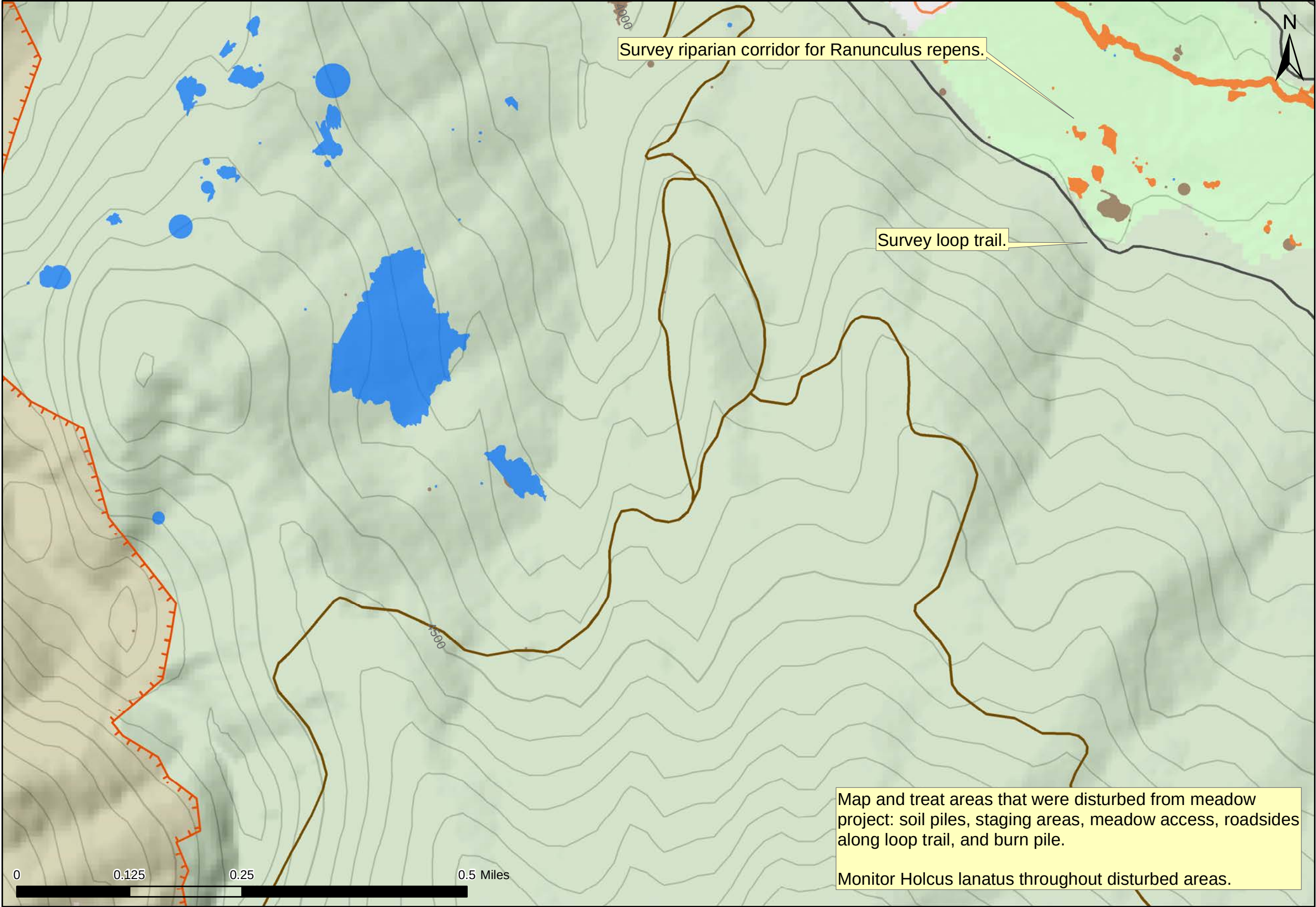
- Map Features**
- Park Boundary
 - Wilderness
 - Fire Perimeters
 - Roads
 - Trails
 - Buildings
 - Wet meadows
 - Rivers
 - Lakes
 - Reservoirs

- Treatment Annotations**
- Early Detection
 - Blackberry
 - High priority
 - Low priority

Invasive Treatments

Treated in 2019

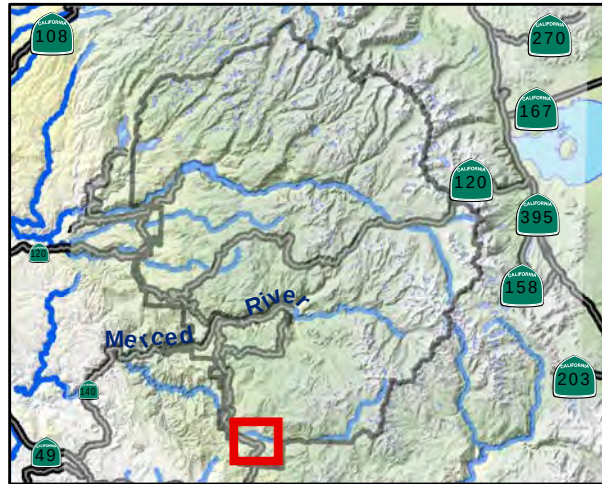
- Invasive Plant Species**
- Cirsium vulgare
 - Holcus lanatus
 - Lower Priority Species



2020 Invasive Plant Work Plan

3.5 Wawona East

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

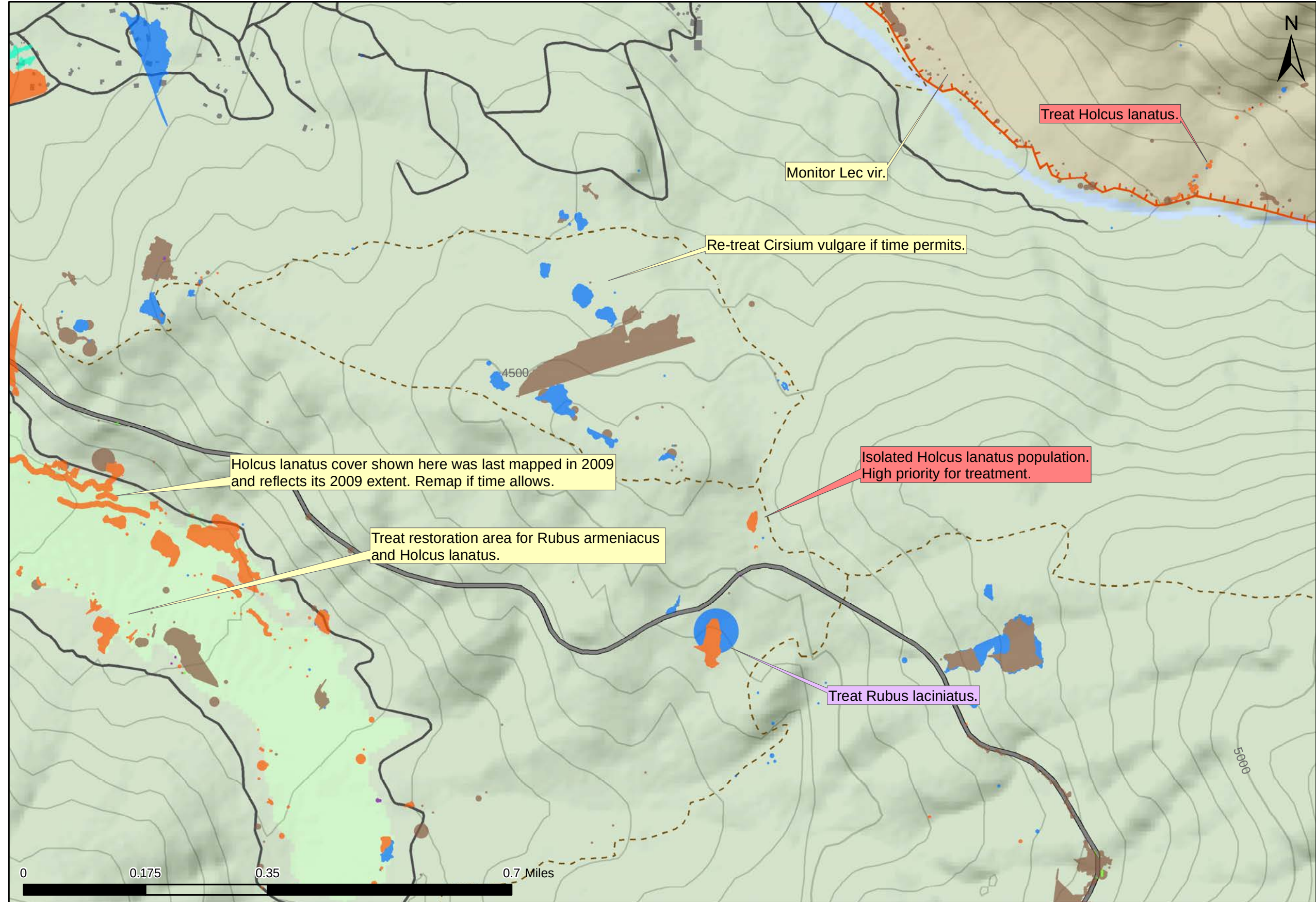
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

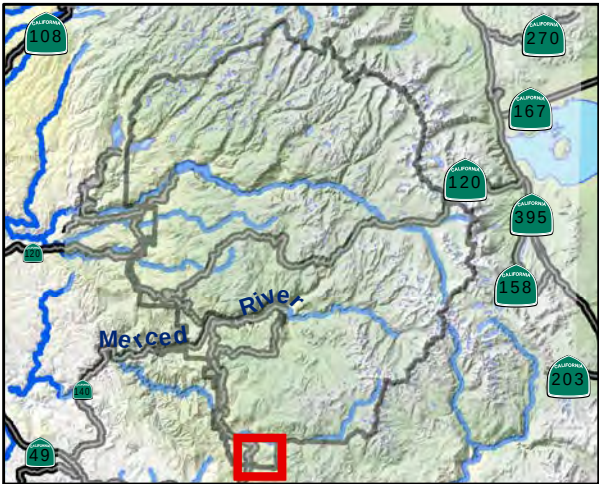
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Holcus lanatus |
| Lower Priority Species |



2020 Invasive Plant Work Plan

3.6 Mariposa Grove

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

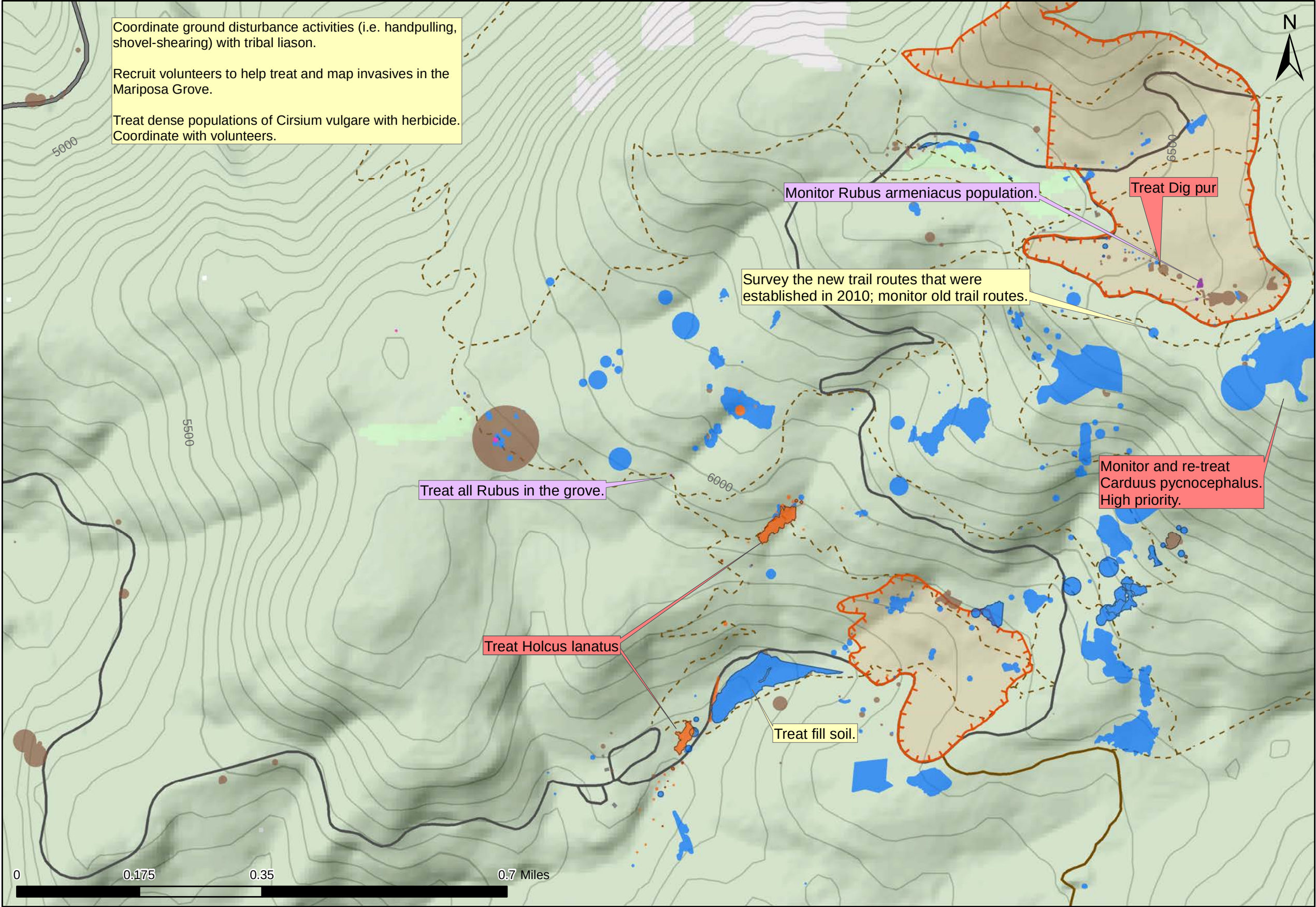
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

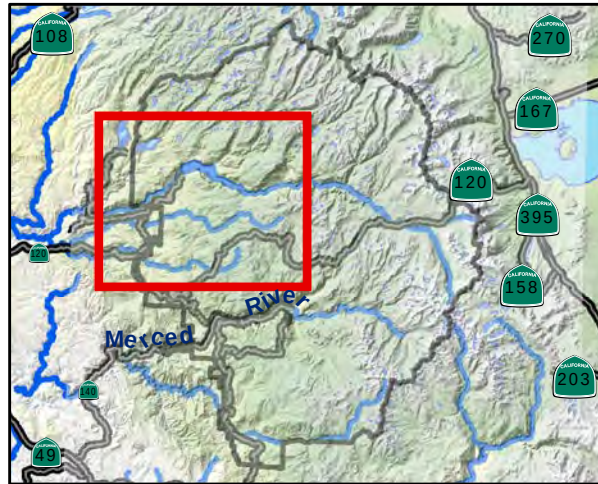
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Holcus lanatus |
| Lower Priority Species |



2020 Invasive Plant Work Plan

4.0 Northern Yosemite

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

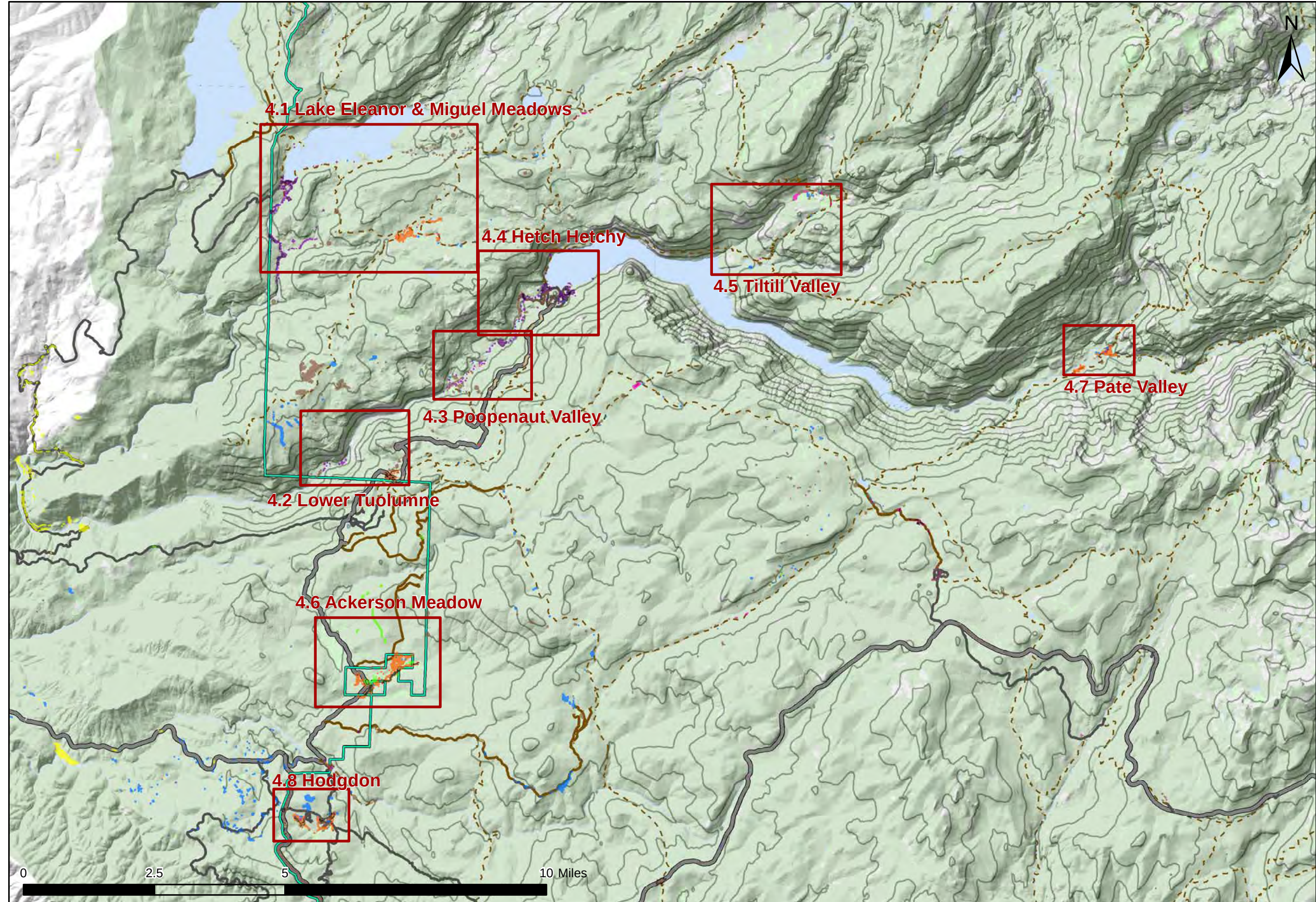
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

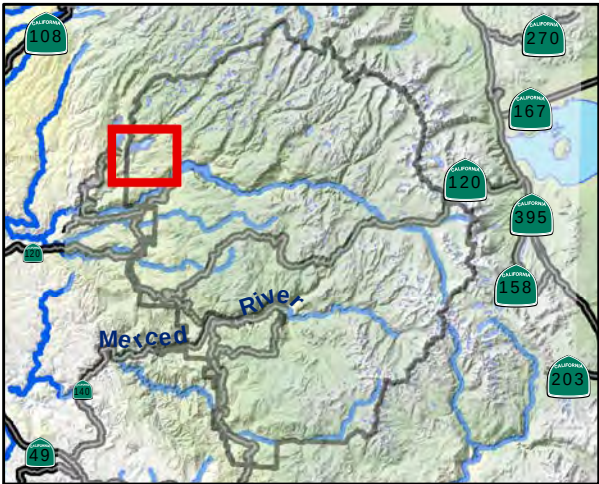
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Broom Species |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

4.1 Lake Eleanor & Miguel Meadows

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

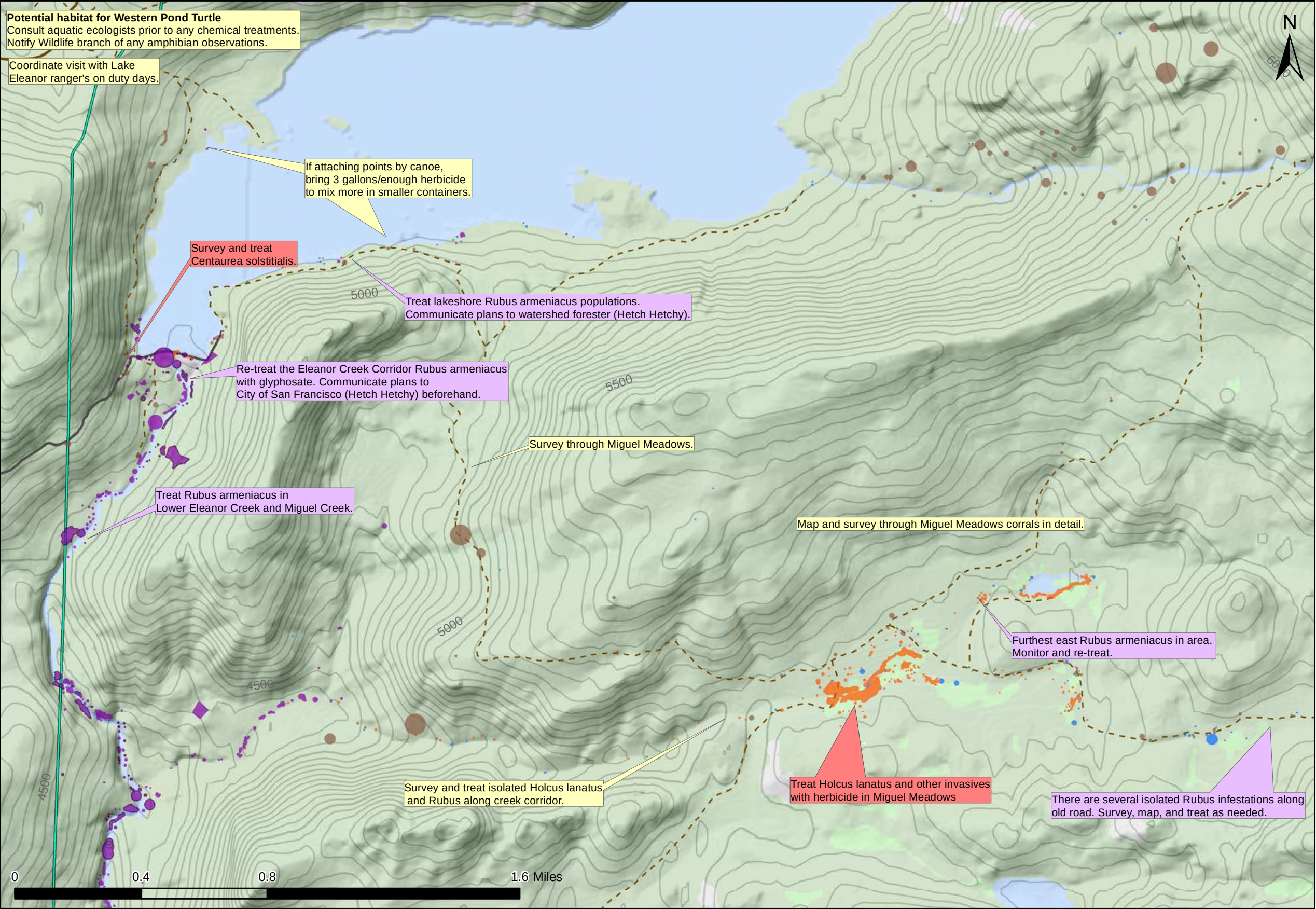
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

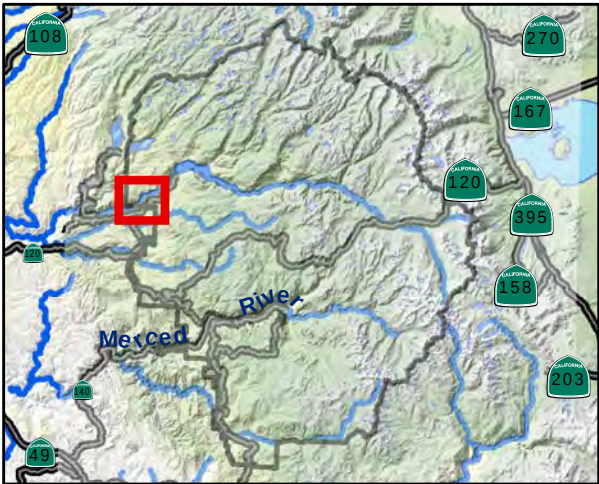
- | | |
|--|------------------------|
| | Rubus sp. |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Hypericum perforatum |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

4.2 Lower Tuolumne

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

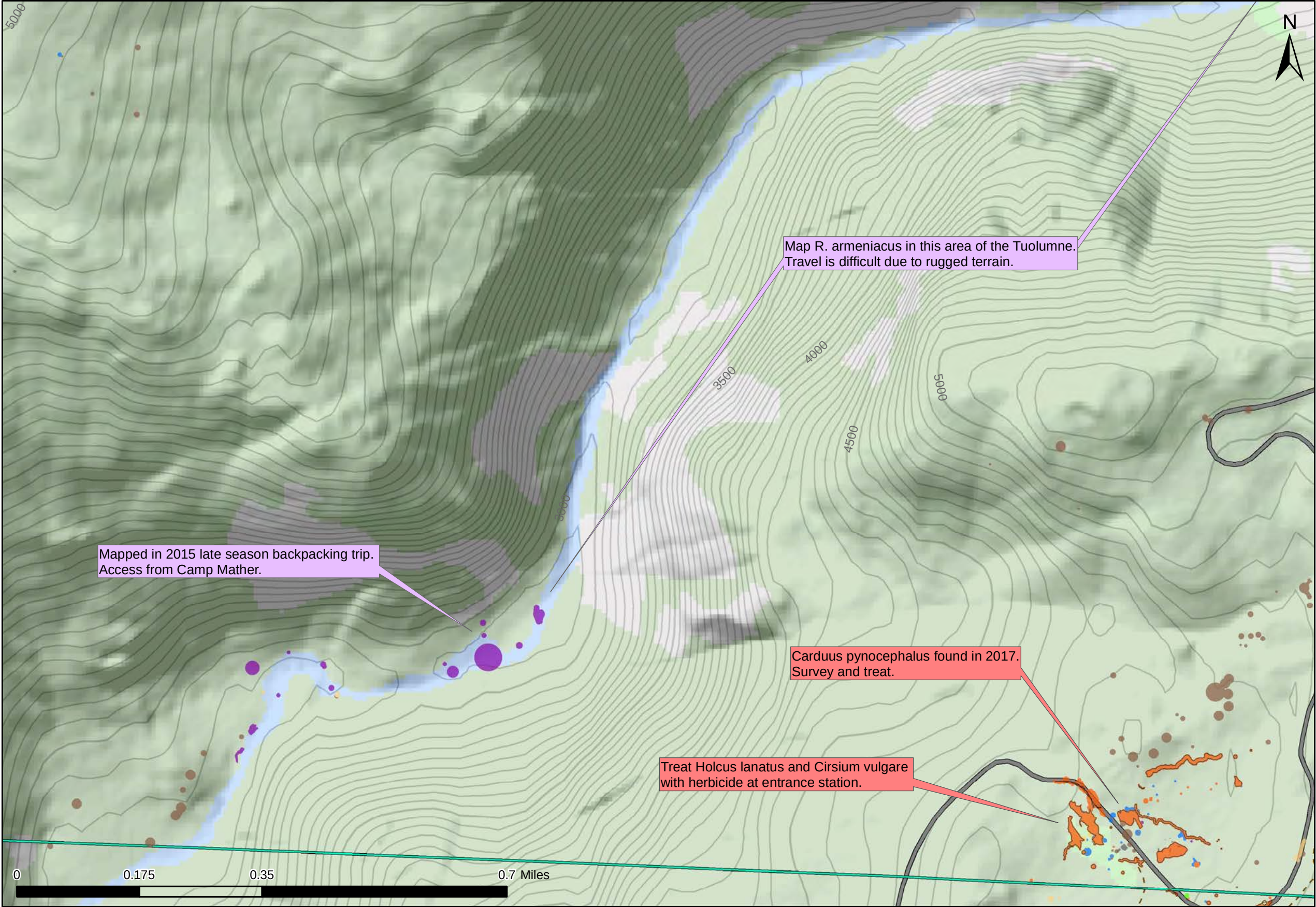
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

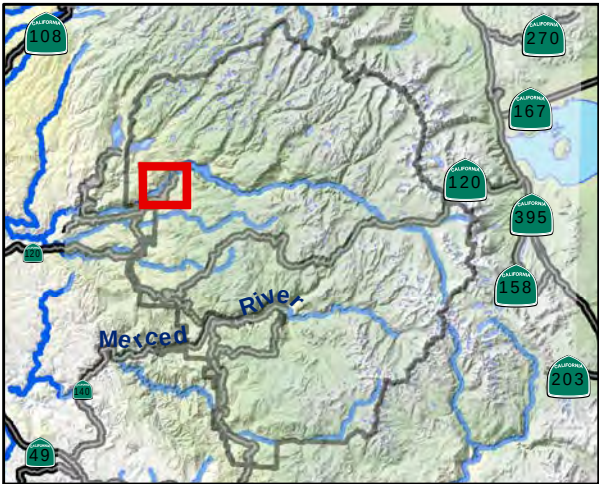
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Hypericum perforatum |
| Holcus lanatus |
| Lower Priority Species |



2020 Invasive Plant Work Plan

4.3 Poopenaut Valley

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



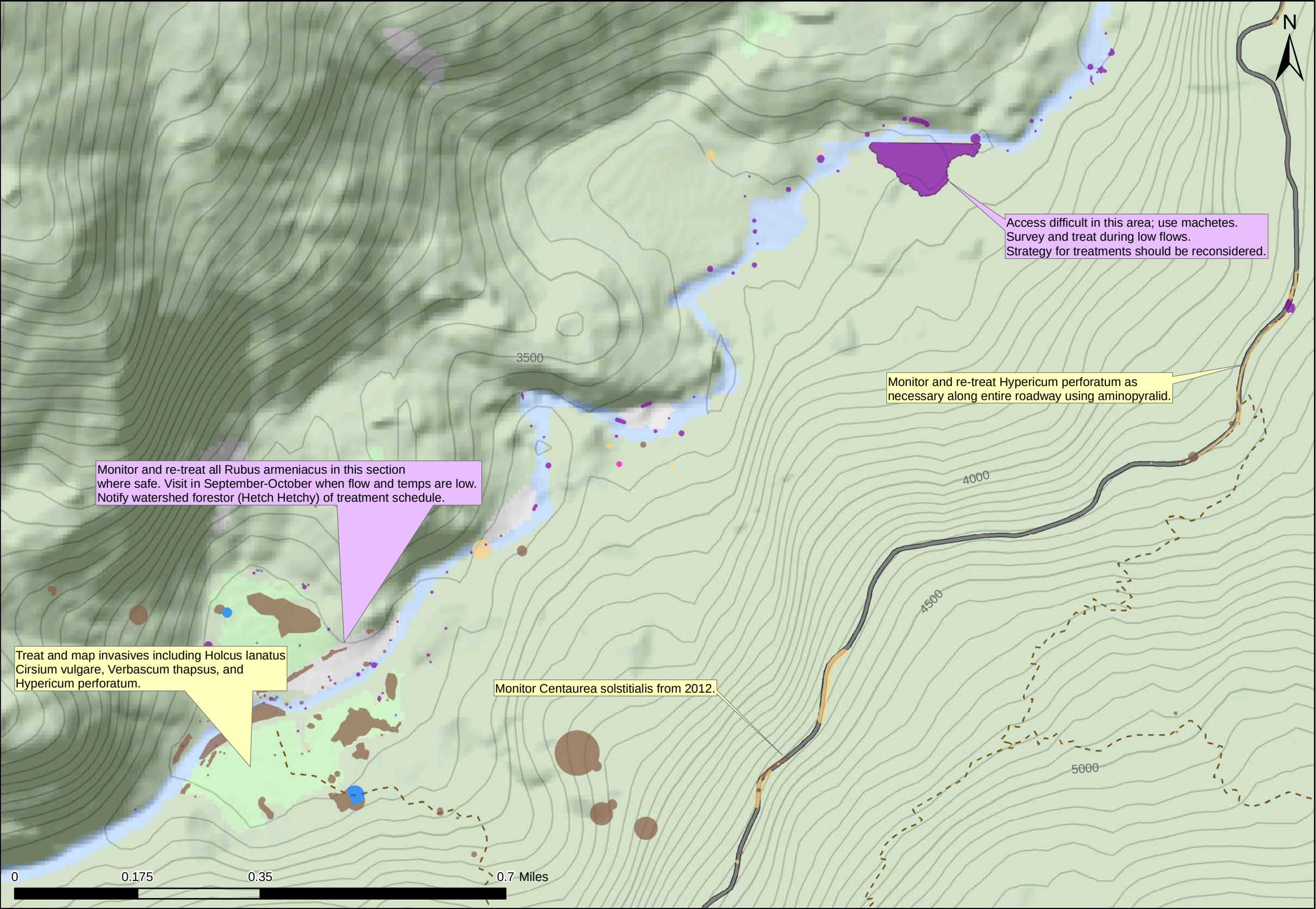
- Map Features**
- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

- Treatment Annotations**
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments
 Treated in 2019

Invasive Plant Species

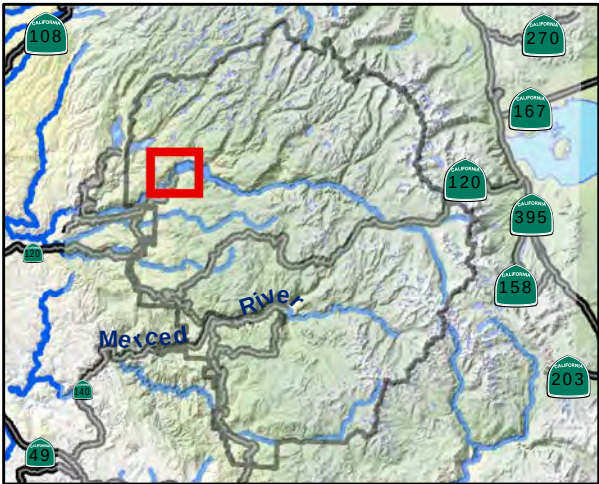
- | | |
|--|------------------------|
| | Rubus sp. |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Hypericum perforatum |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

4.4 Hetch Hetchy

Yosemite National Park
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U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

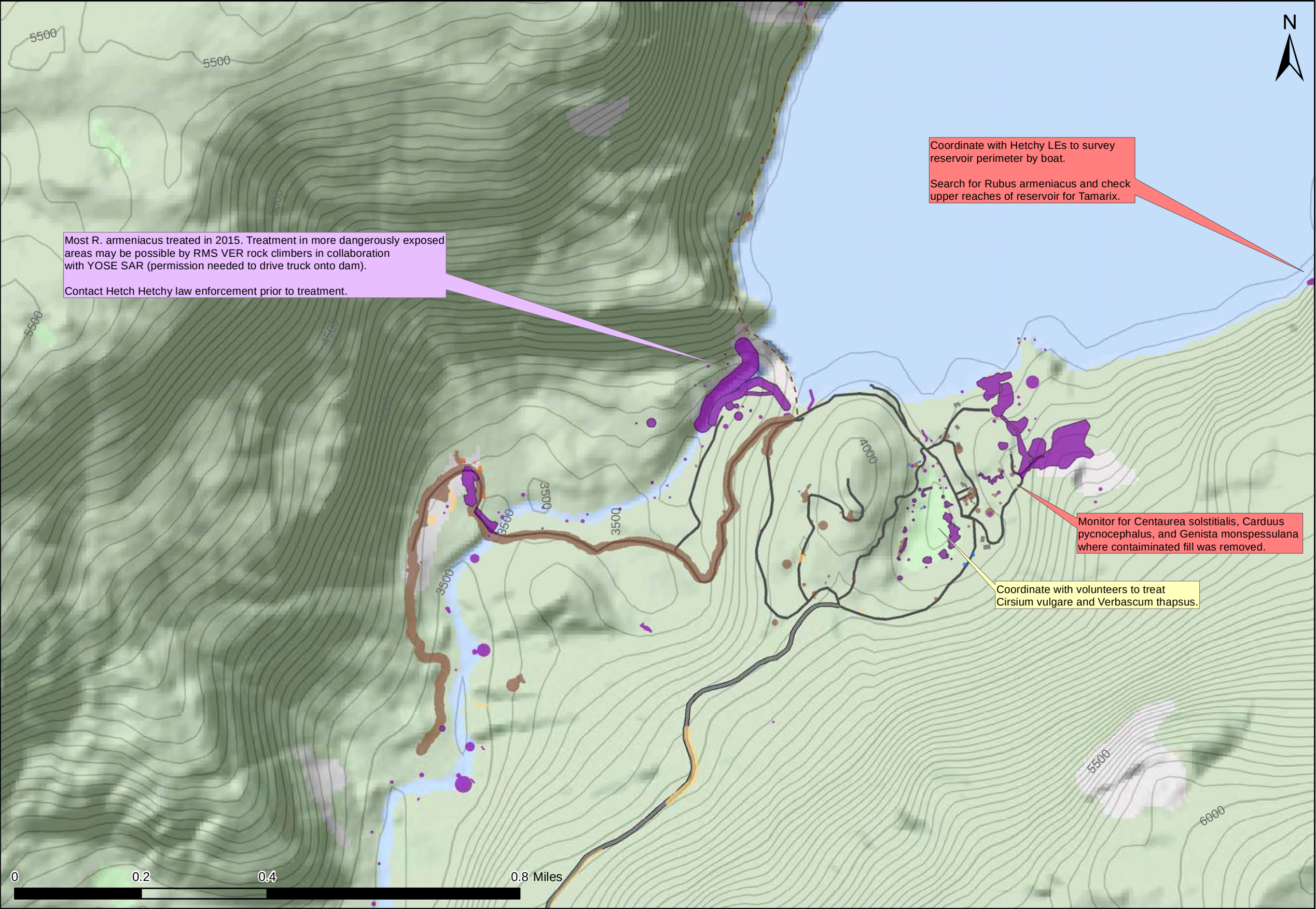
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

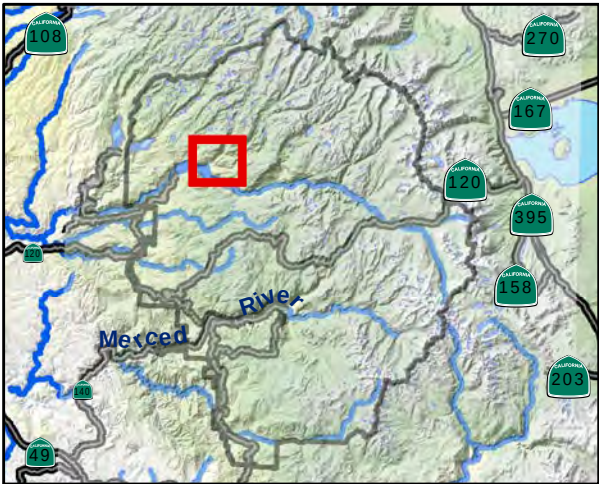
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Broom Species |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

4.5 Tiltill Valley

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

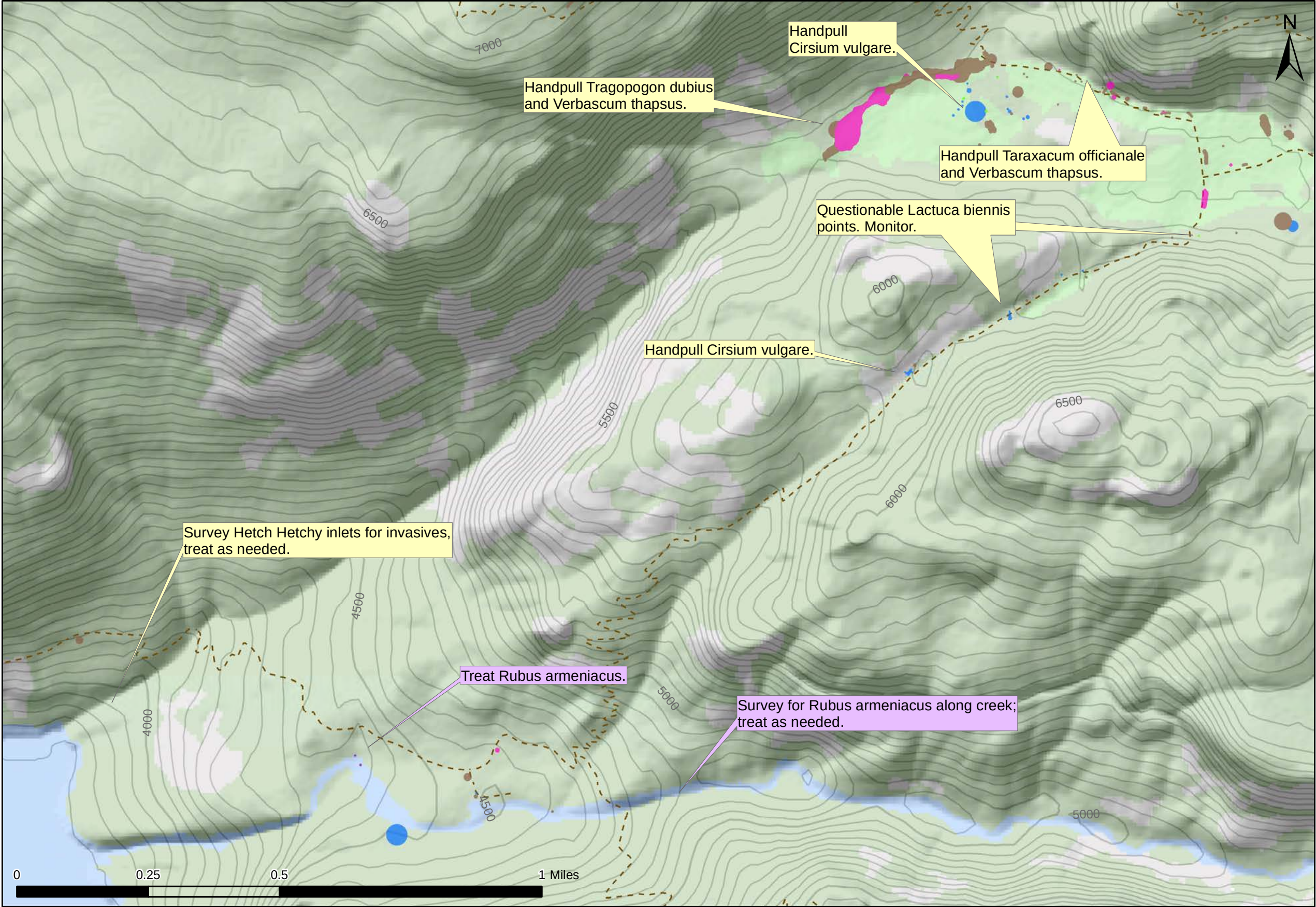
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

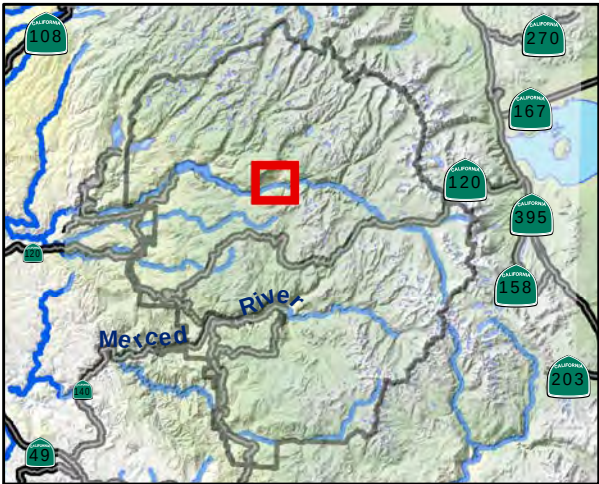
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officianale |
| Lower Priority Species |



2020 Invasive Plant Work Plan

4.6 Pate Valley

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

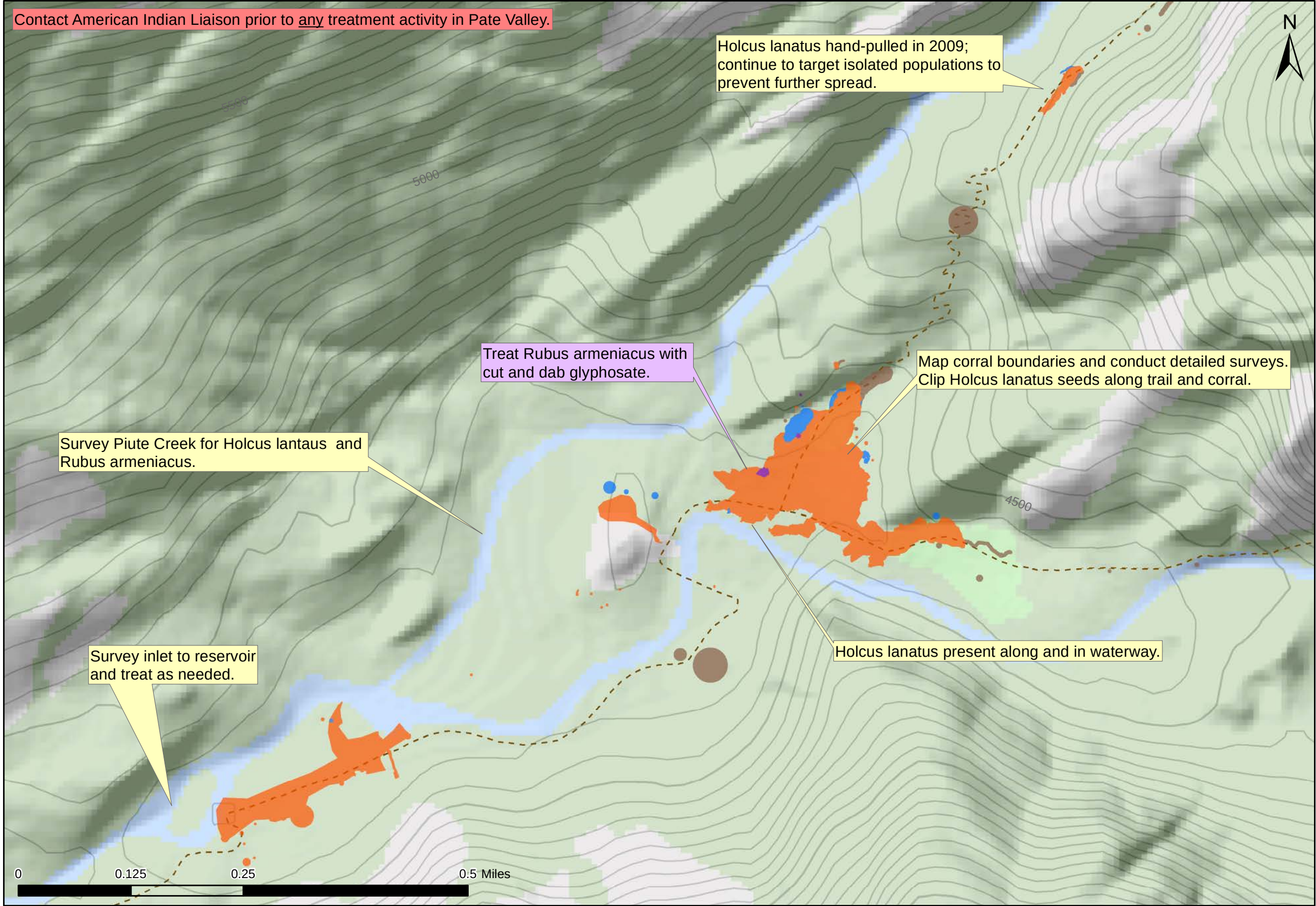
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

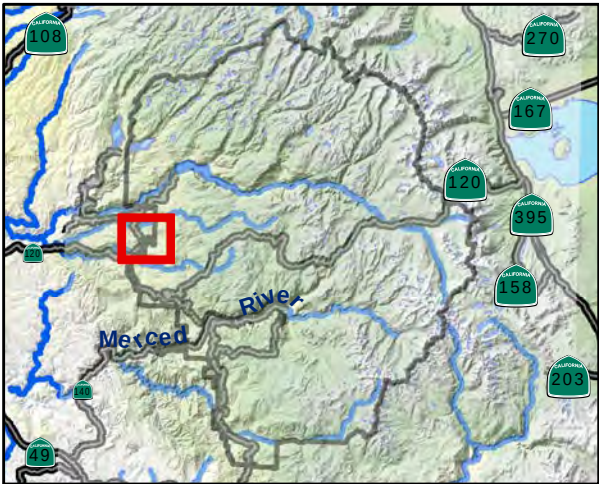
- | |
|------------------------|
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officianale |
| Holcus lanatus |
| Lower Priority Species |



2020 Invasive Plant Work Plan

4.7 Ackerson Meadow

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

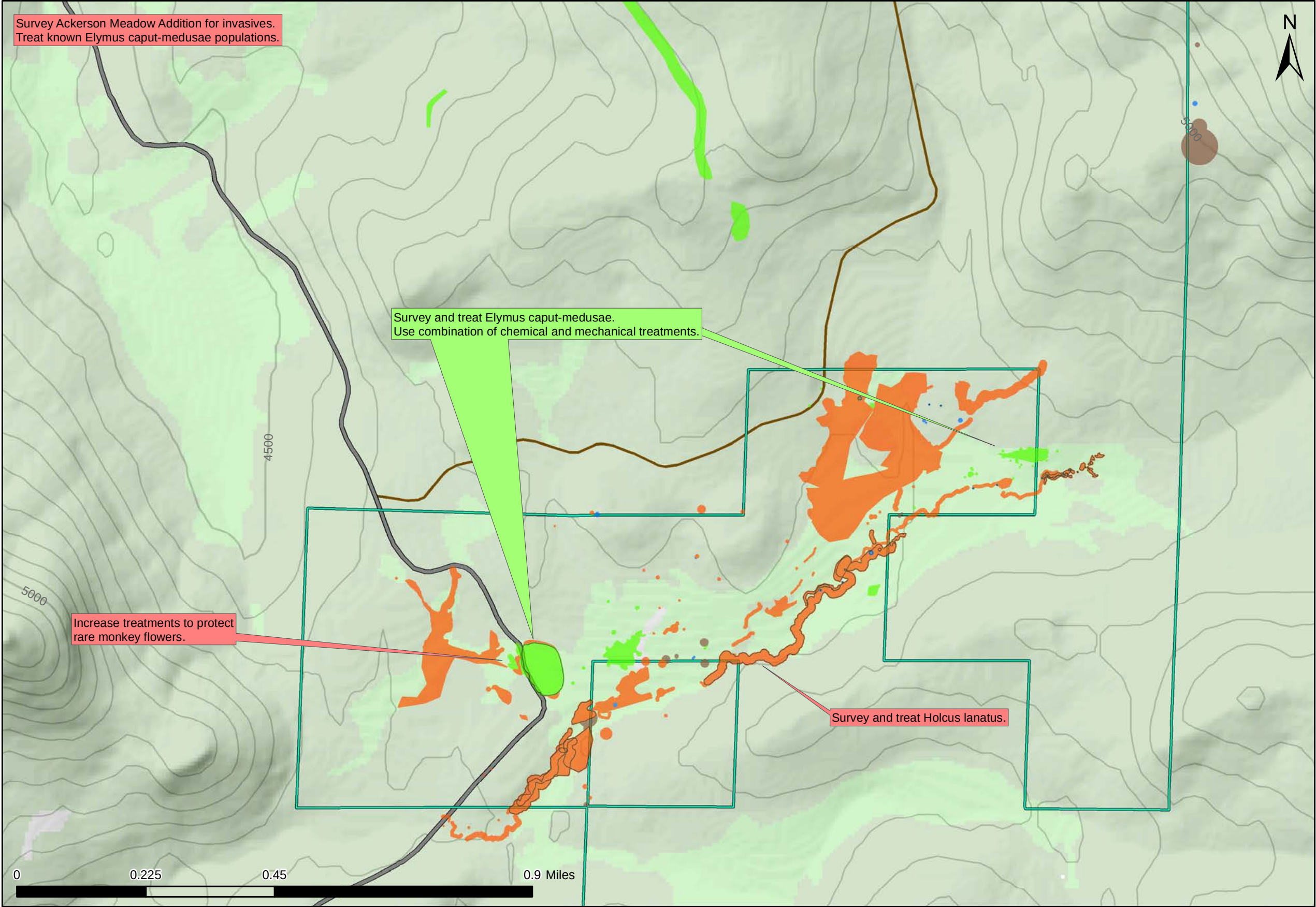
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

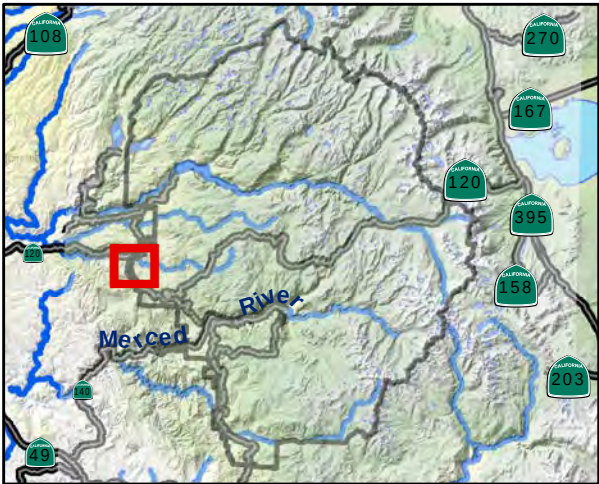
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Cirsium vulgare |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

4.8 Hodgdon

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

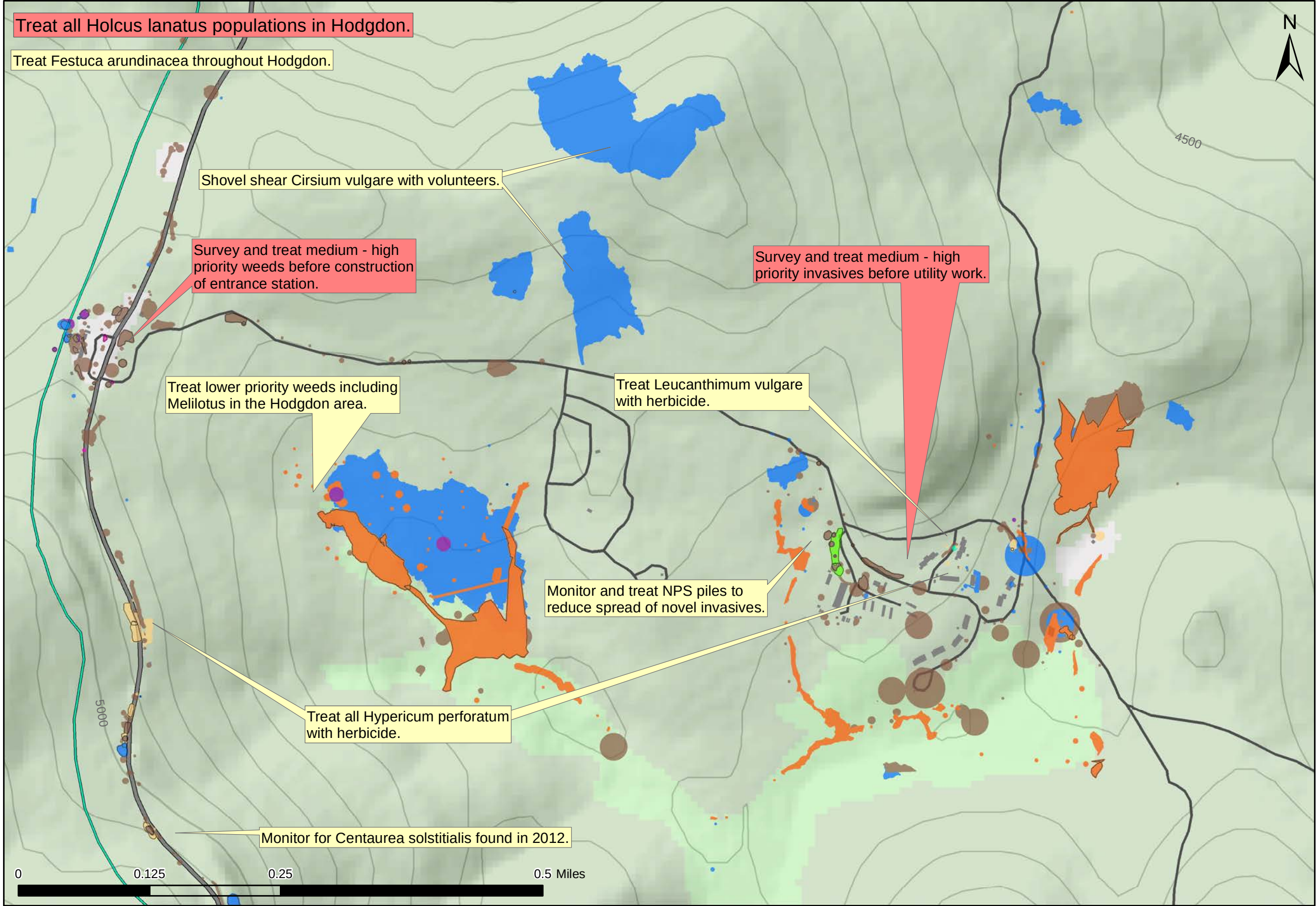
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

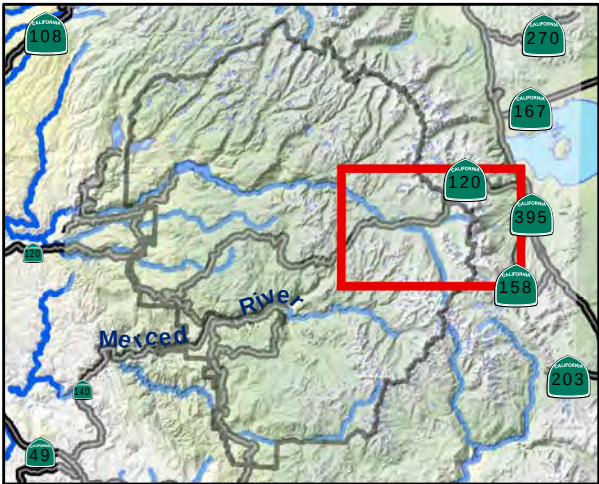
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

5.0 Eastern Yosemite

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior

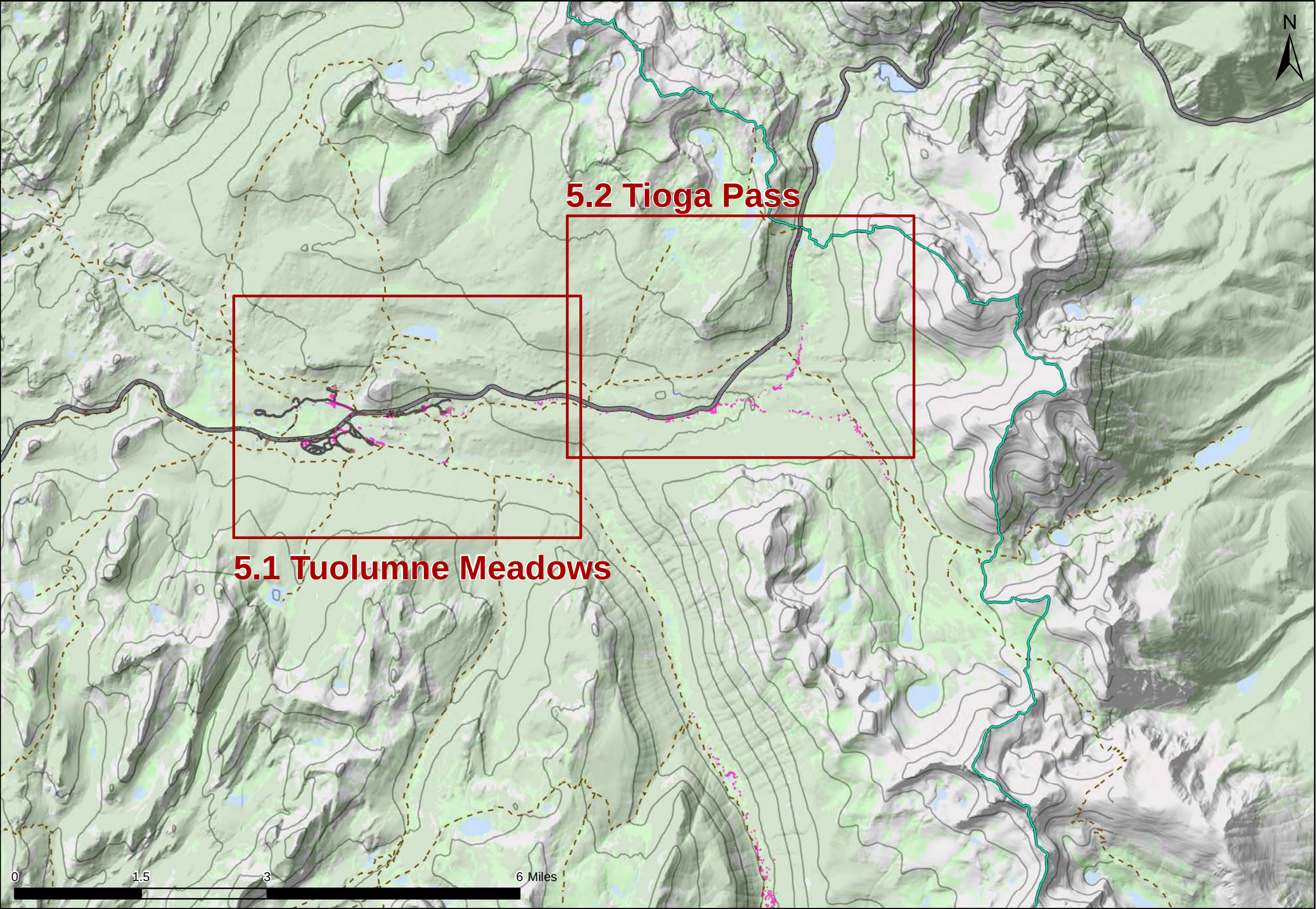


- Map Features**
- Park Boundary
 - Wilderness
 - Fire Perimeters
 - Roads
 - Trails
 - Buildings
 - Wet meadows
 - Rivers
 - Lakes
 - Reservoirs

- Treatment Annotations**
- Early Detection
 - Blackberry
 - High priority
 - Low priority

- Invasive Treatments**
- Treated in 2019

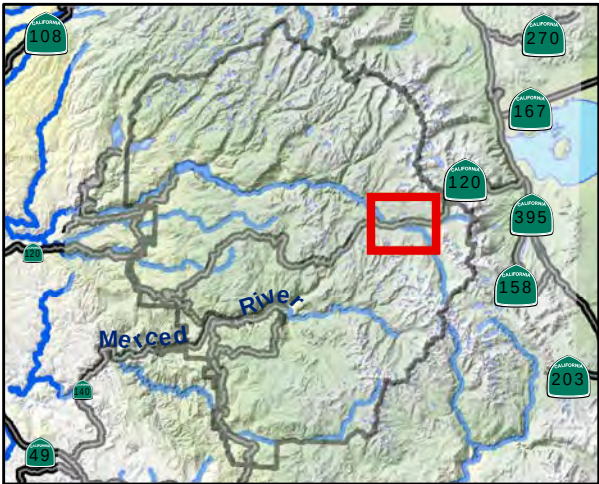
- Invasive Plant Species**
- Early Detection Species
 - Cirsium vulgare
 - Taraxacum officinale
 - Hypericum perforatum
 - Holcus lanatus
 - Lower Priority Species



2020 Invasive Plant Work Plan

5.1 Tuolumne Meadows

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

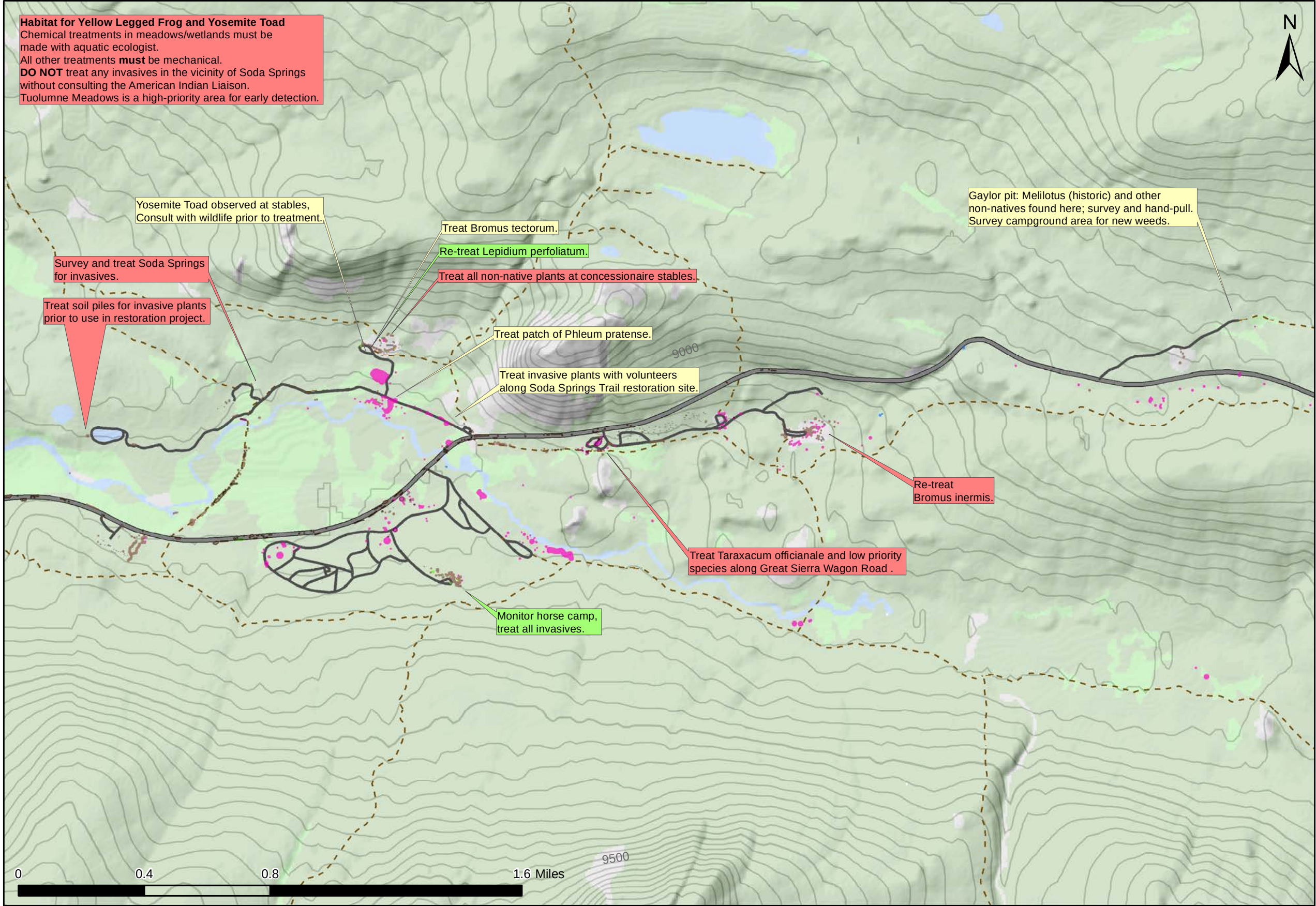
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

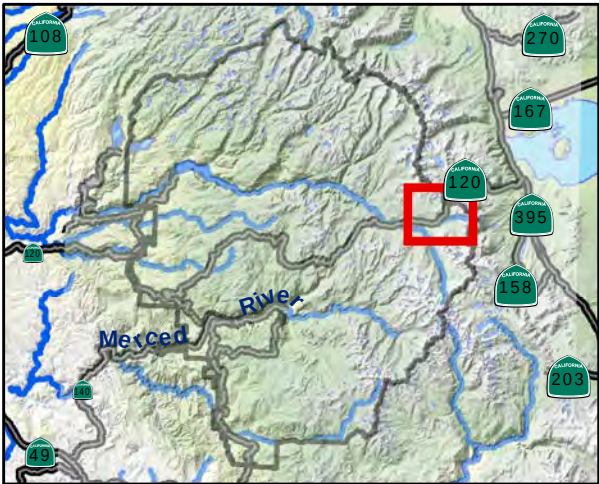
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Hypericum perforatum |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

5.2 Tioga Pass

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

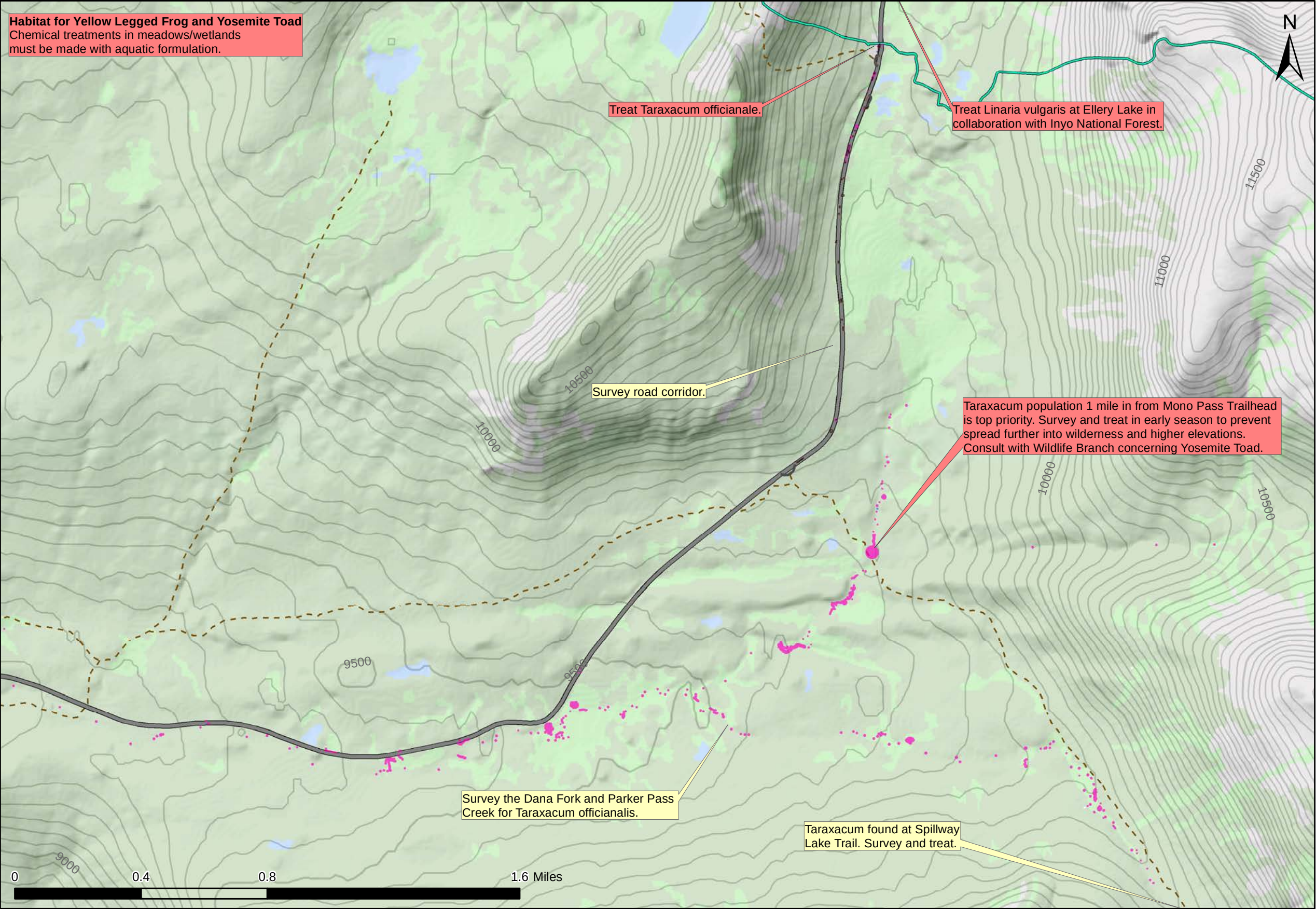
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

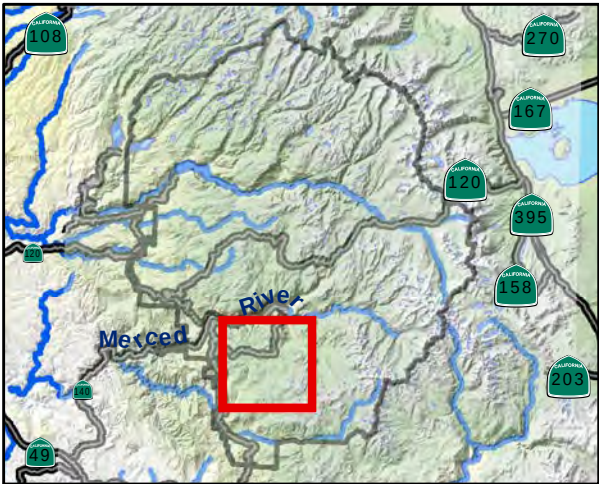
- | |
|-----------------------------|
| <i>Cirsium vulgare</i> |
| <i>Taraxacum officinale</i> |
| Lower Priority Species |



2020 Invasive Plant Work Plan

6.0 Glacier Point

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

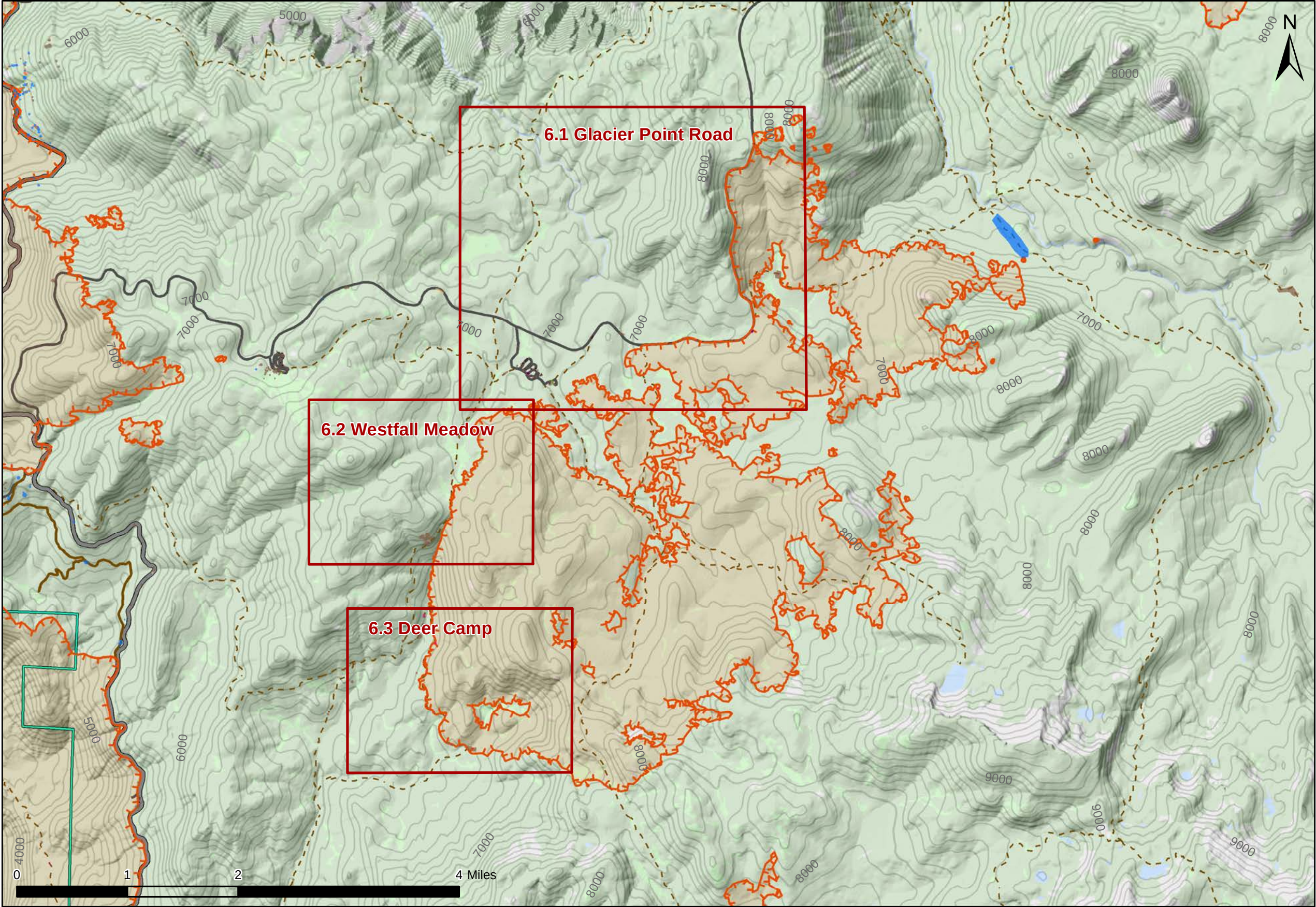
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

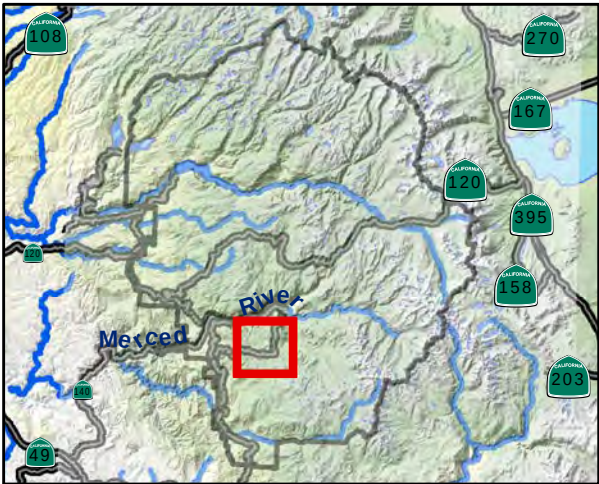
- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |



2020 Invasive Plant Work Plan

6.1 Glacier Point Road

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

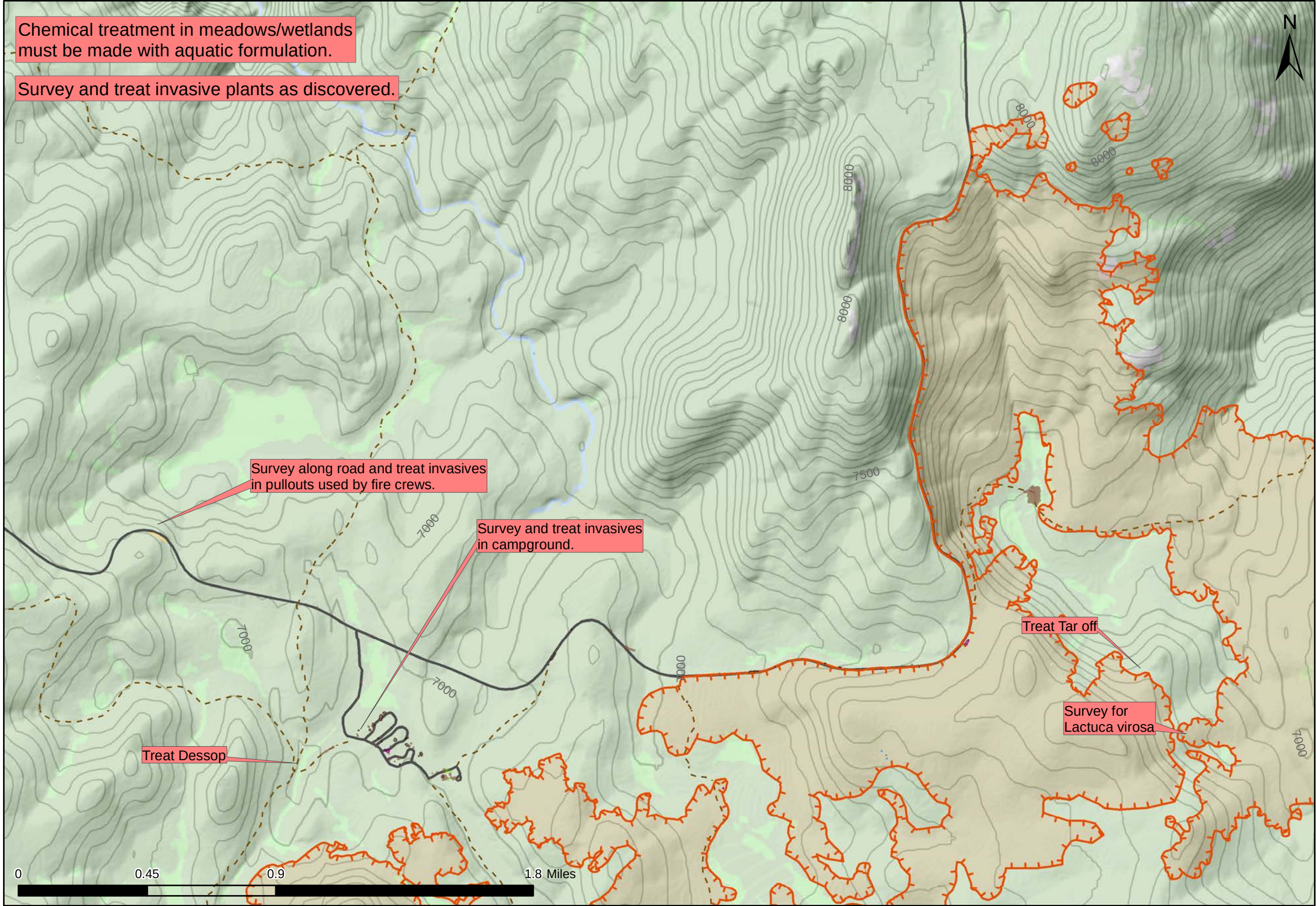
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

Treated in 2019

Invasive Plant Species

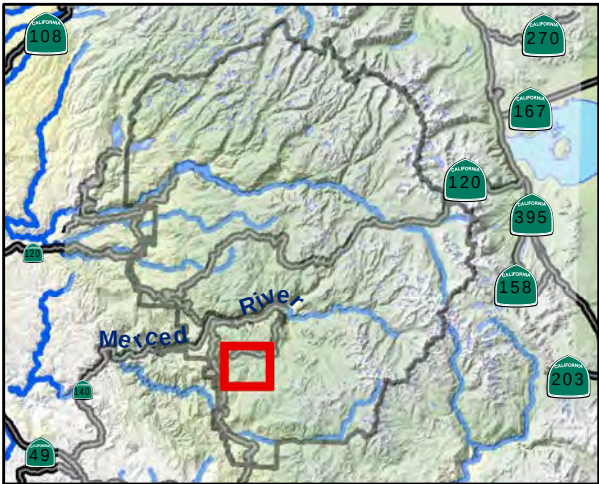
- | |
|-----------------------------|
| Early Detection Species |
| <i>Cirsium vulgare</i> |
| <i>Taraxacum officinale</i> |
| <i>Hypericum perforatum</i> |
| Lower Priority Species |



2020 Invasive Plant Work Plan

6.2 Westfall Meadow

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

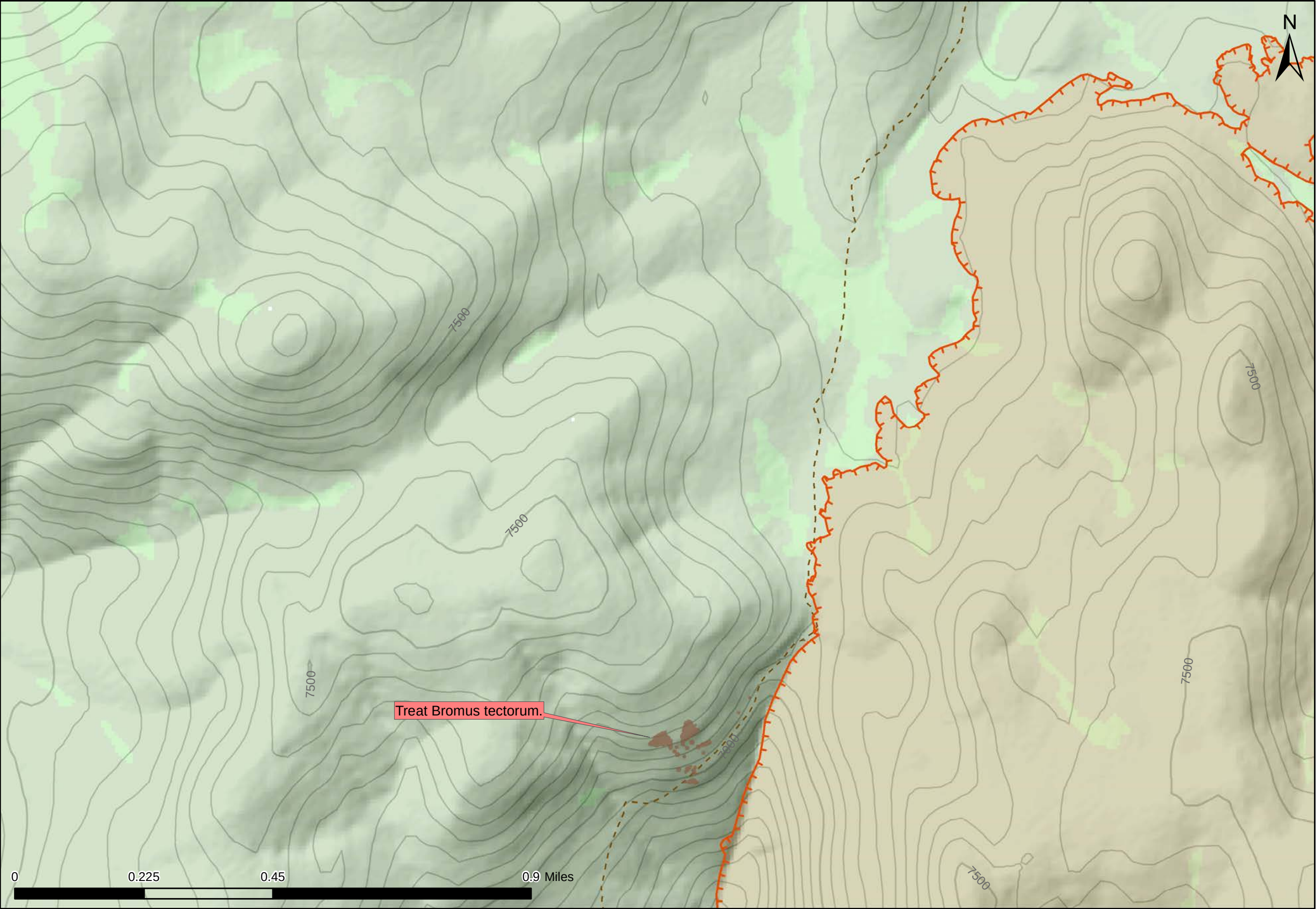
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

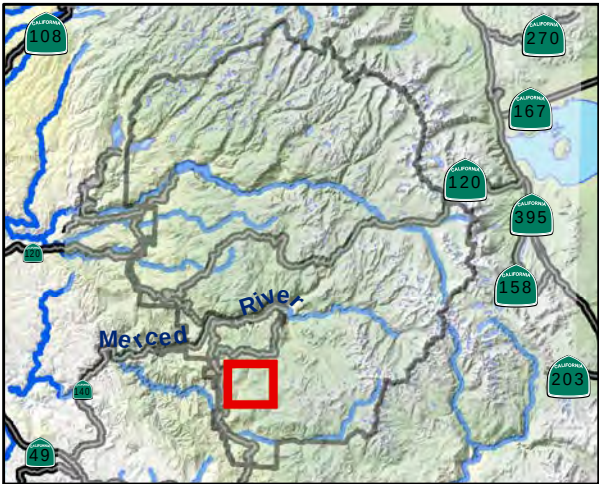
- Lower Priority Species



2020 Invasive Plant Work Plan

6.3 Deer Camp

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

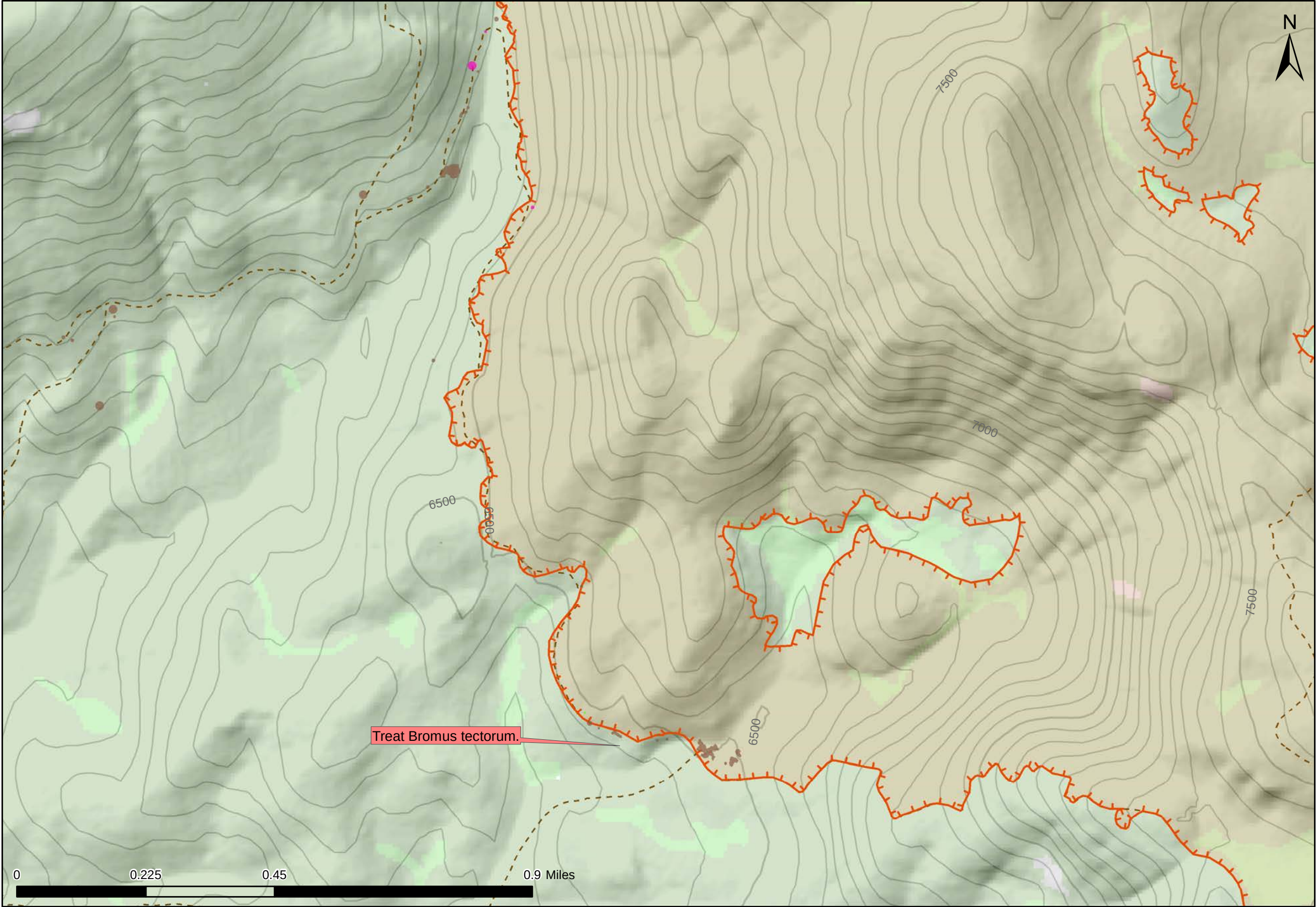
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

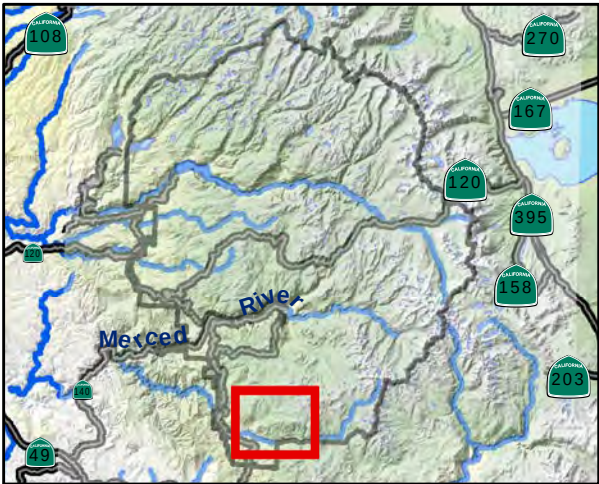
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Taraxacum officinale |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

7.0 South Fork

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior

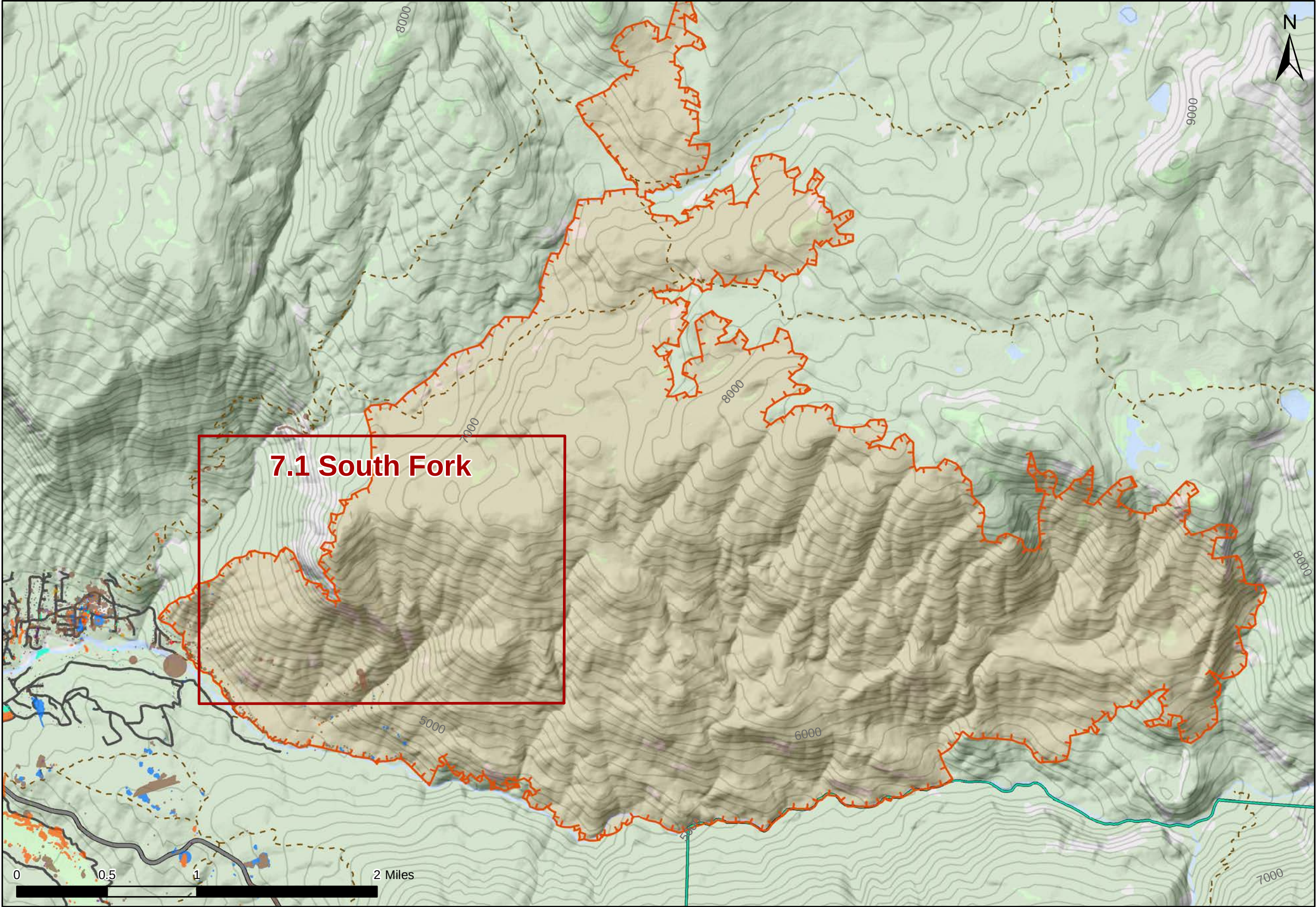


- Map Features**
- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

- Treatment Annotations**
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

- Invasive Treatments**
- Treated in 2019

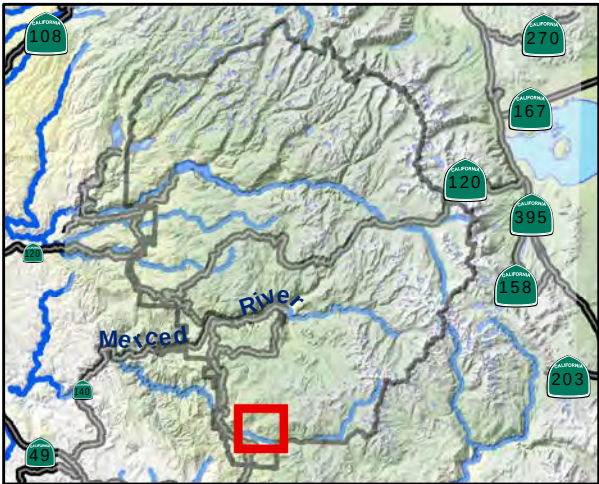
- Invasive Plant Species**
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Rubus sp. |
| | Broom Species |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Hypericum perforatum |
| | Leucanthemum vulgare |
| | Perennial Woody Species |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

7.1 South Fork

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior

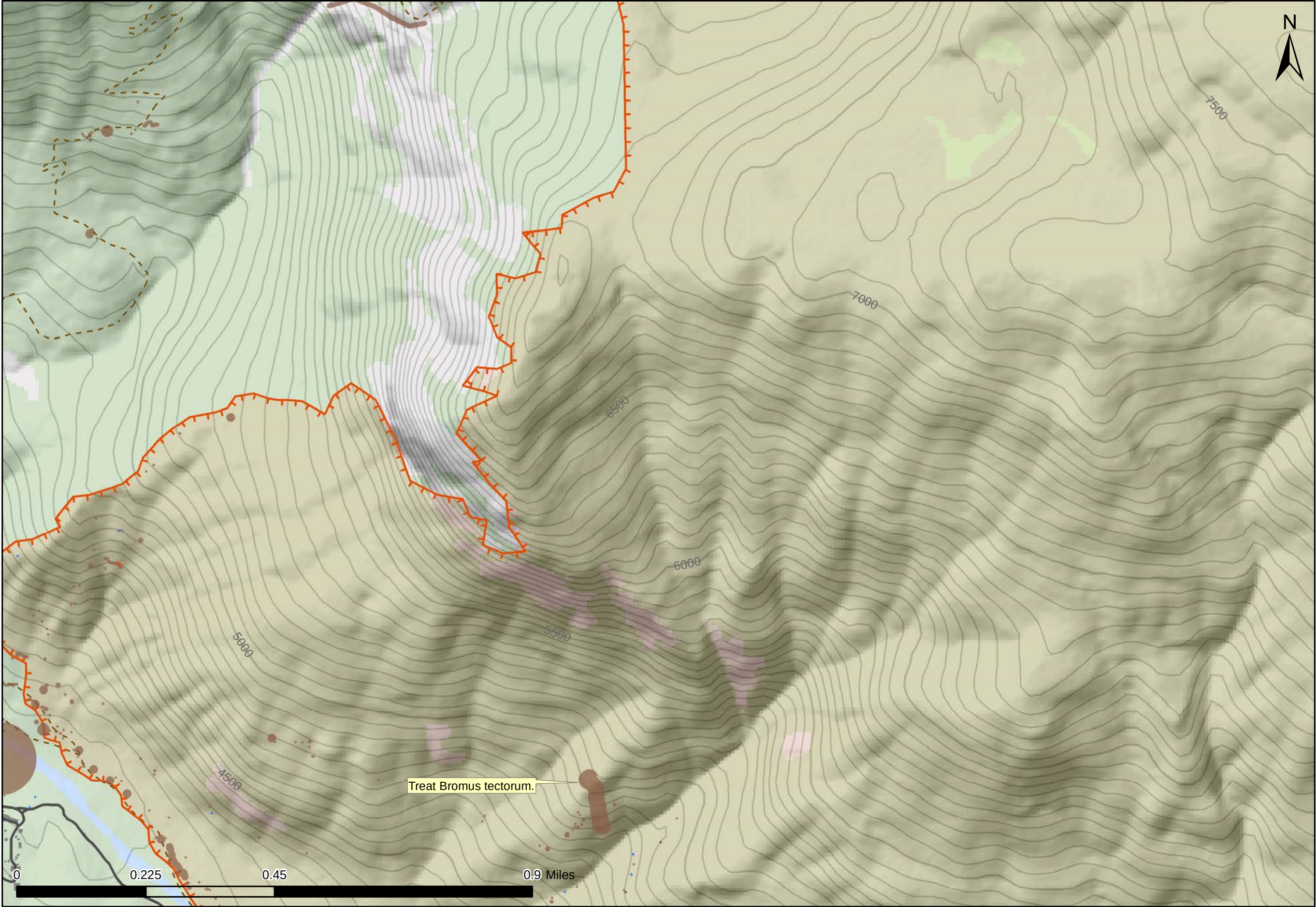


- Map Features**
- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

- Treatment Annotations**
- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

- Invasive Treatments**
- Treated in 2019

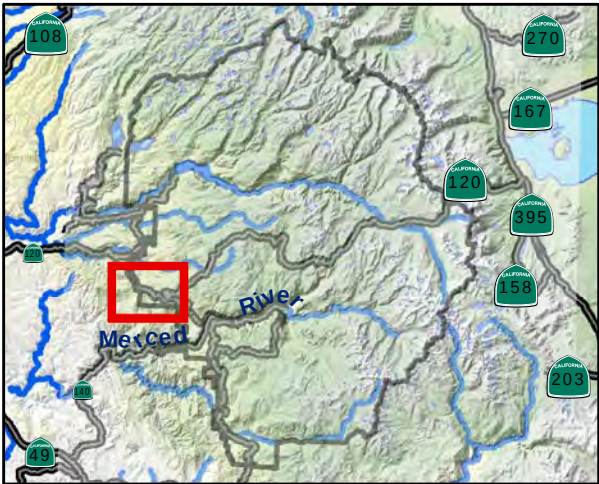
- Invasive Plant Species**
- | |
|-------------------------|
| Early Detection Species |
| <i>Cirsium vulgare</i> |
| <i>Holcus lanatus</i> |
| Lower Priority Species |



2020 Invasive Plant Work Plan

8.0 Crane Flat

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

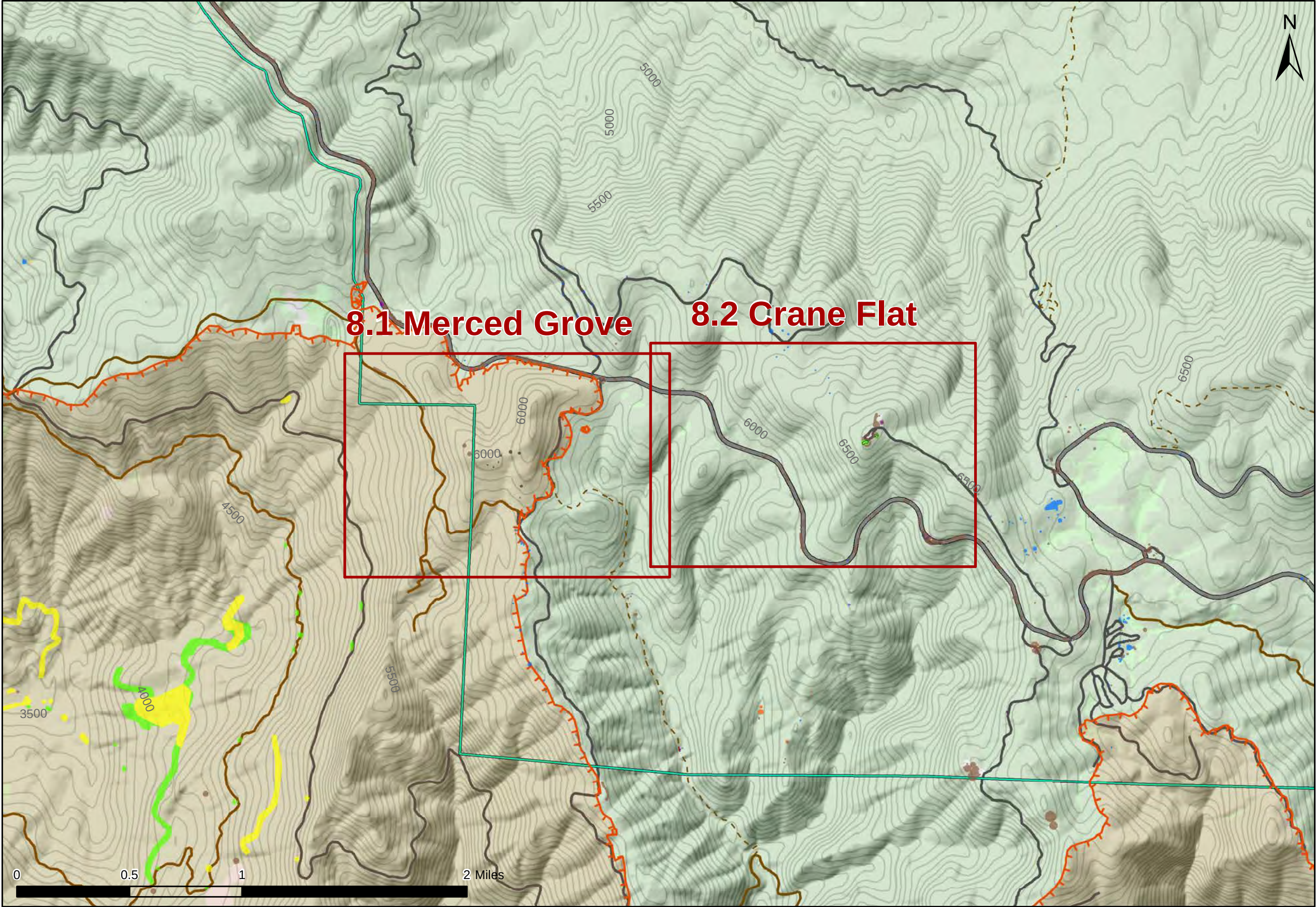
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

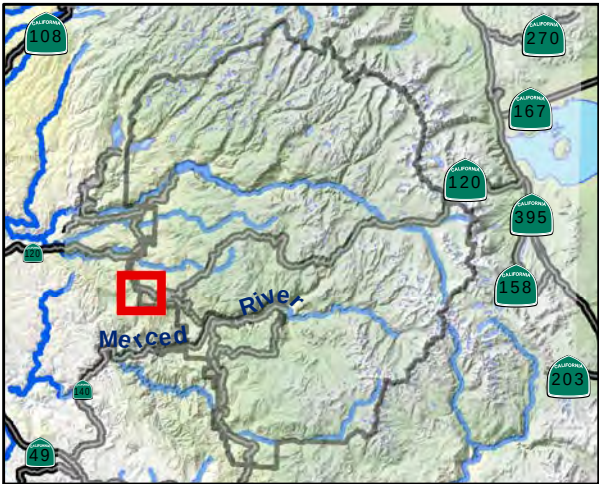
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Rubus sp. |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Hypericum perforatum |
| | Holcus lanatus |
| | Centaurea solstitialis |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

8.1 Merced Grove

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior

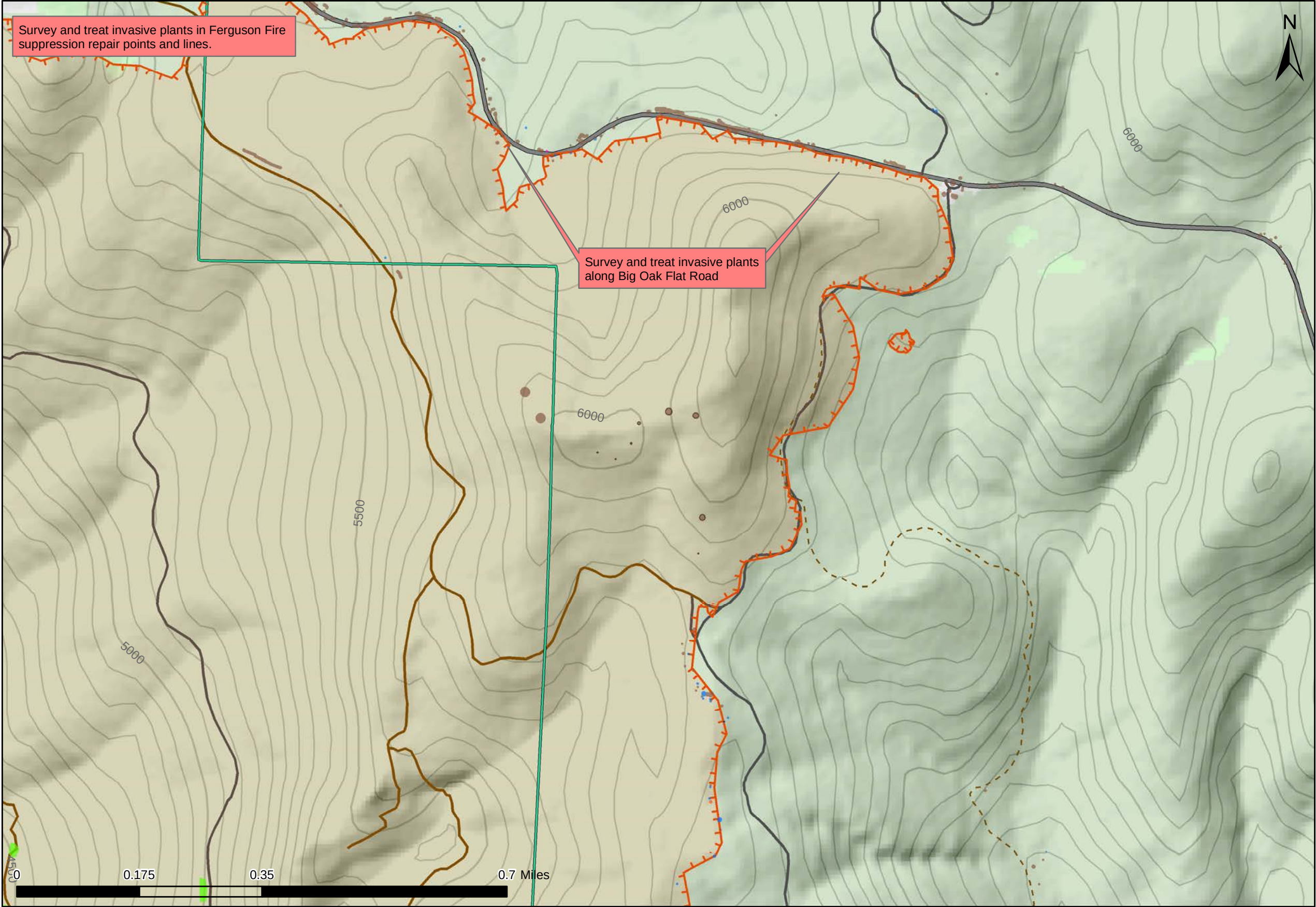


- Map Features**
- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

- Treatment Annotations**
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

- Invasive Treatments**
- Treated in 2019

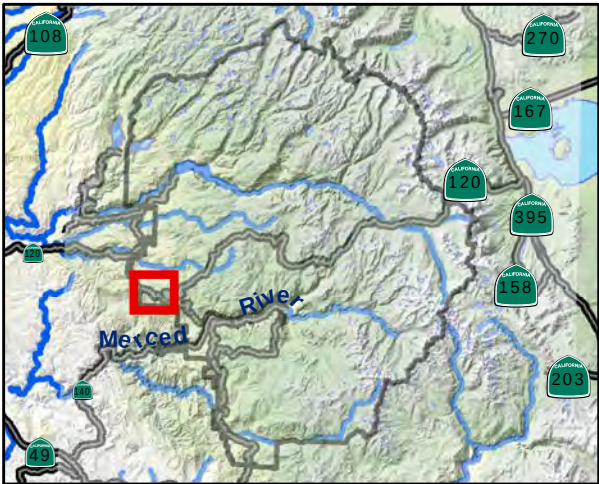
- Invasive Plant Species**
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Cirsium vulgare |
| | Taraxacum officinale |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

8.2 Crane Flat

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | | | |
|--|-----------------|--|-------------|
| | Park Boundary | | Buildings |
| | Wilderness | | Wet meadows |
| | Fire Perimeters | | Rivers |
| | Roads | | Lakes |
| | Trails | | Reservoirs |

Treatment Annotations

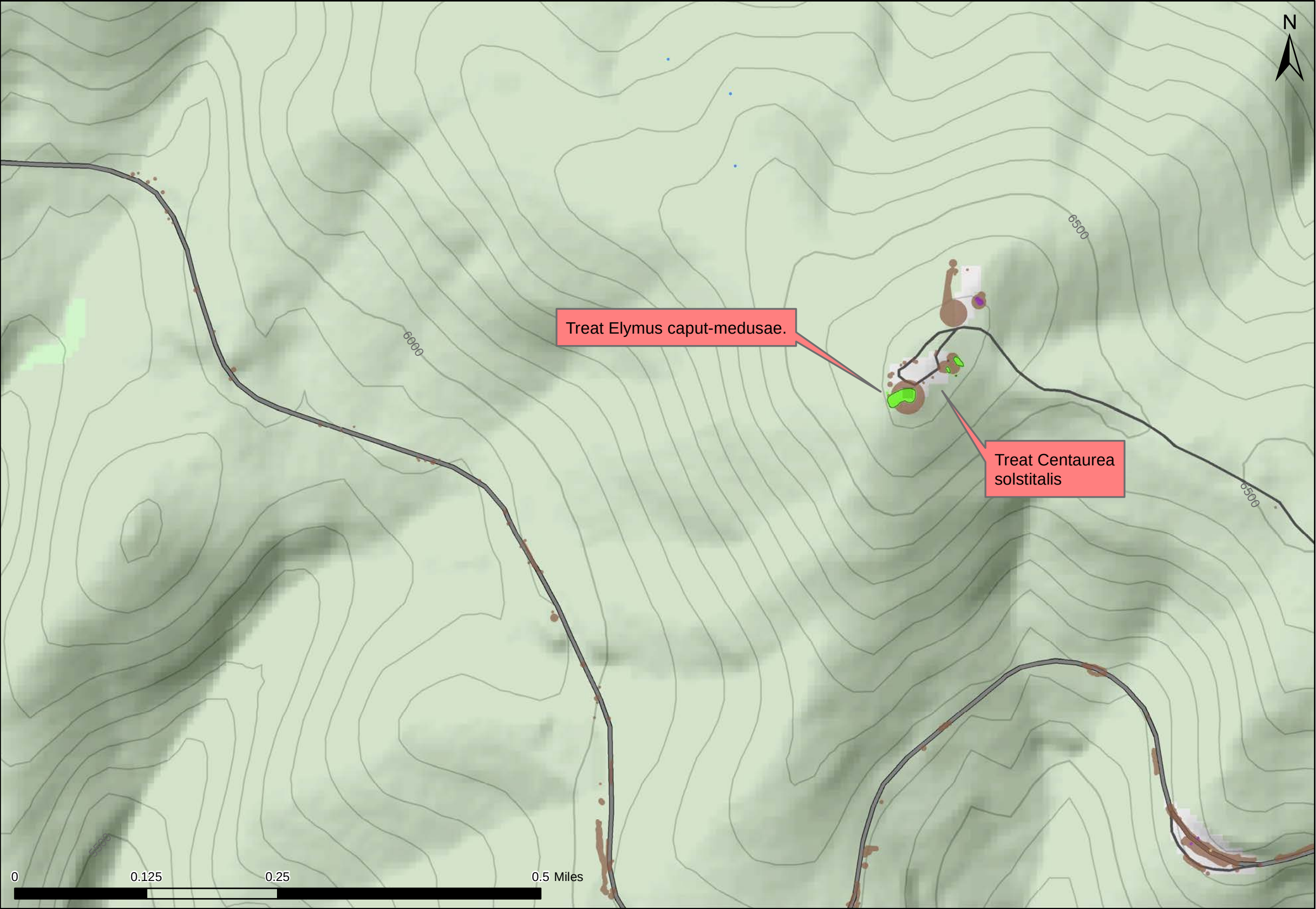
- | | | | |
|--|-----------------|--|---------------|
| | Early Detection | | High priority |
| | Blackberry | | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

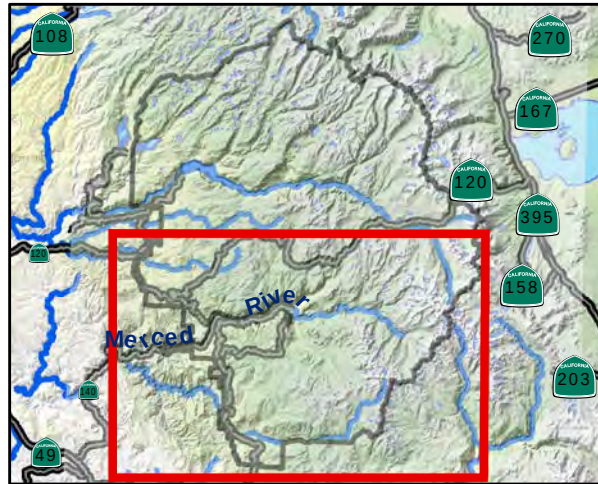
- | | |
|--|-------------------------|
| | Early Detection Species |
| | Rubus sp. |
| | Cirsium vulgare |
| | Hypericum perforatum |
| | Holcus lanatus |
| | Lower Priority Species |



2020 Invasive Plant Work Plan

99.1 South Park

Yosemite National Park
Resources Management and Science
U.S. Department of the Interior



Map Features

- | | |
|-----------------|-------------|
| Park Boundary | Buildings |
| Wilderness | Wet meadows |
| Fire Perimeters | Rivers |
| Roads | Lakes |
| Trails | Reservoirs |

Treatment Annotations

- | | |
|-----------------|---------------|
| Early Detection | High priority |
| Blackberry | Low priority |

Invasive Treatments

- Treated in 2019

Invasive Plant Species

- | |
|-------------------------|
| Early Detection Species |
| Rubus sp. |
| Broom Species |
| Cirsium vulgare |
| Taraxacum officinale |
| Hypericum perforatum |
| Leucanthemum vulgare |
| Perennial Woody Species |
| Holcus lanatus |
| Centaurea solstitialis |
| Lower Priority Species |

