

Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

- | | | | |
|---------------------|--|--------------------------|--------------------------|
| Acquisition Parcels | Vegetation Alliances and Associations | Desert Wash and Terrace | Oak Forest and Woodland |
| Seep/Spring | Barren and Rock Outcrop | Lower Mojave Woody Scrub | Juniper Woodland |
| | Developed | Upper Mojave Woody Scrub | Pine Forest and Woodland |
| | Blackbrush Scrubland | Joshua Tree Woodland | Wetland and Riparian |
| | Creosote and Bursage Scrub | Grassland | |

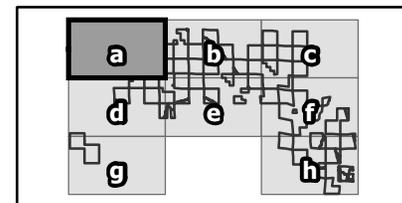
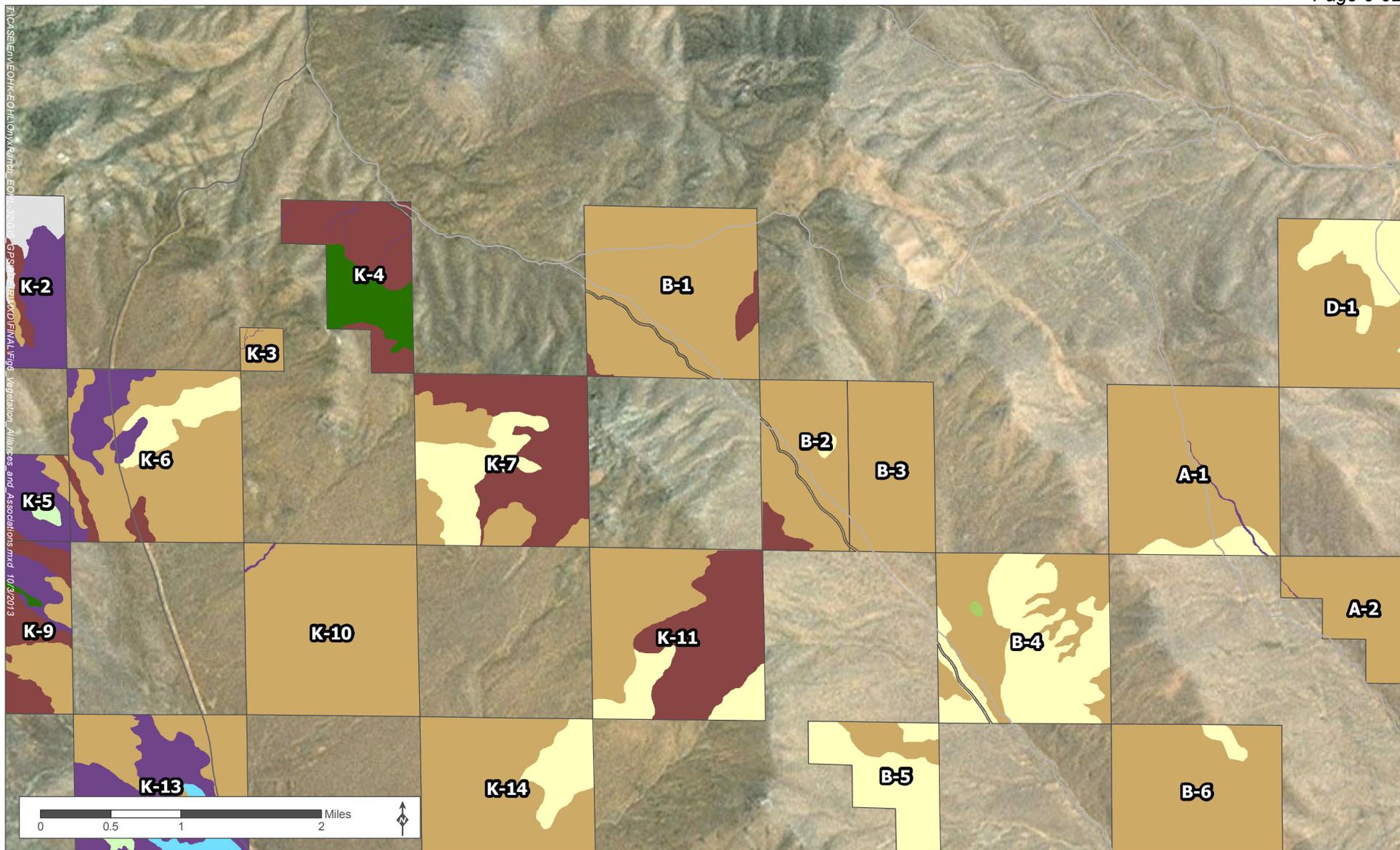


Figure 6-1a Vegetation Alliances and Associations



Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

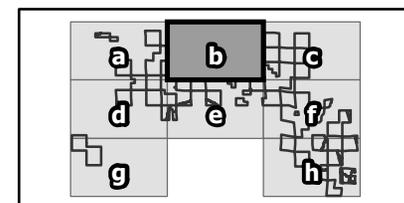
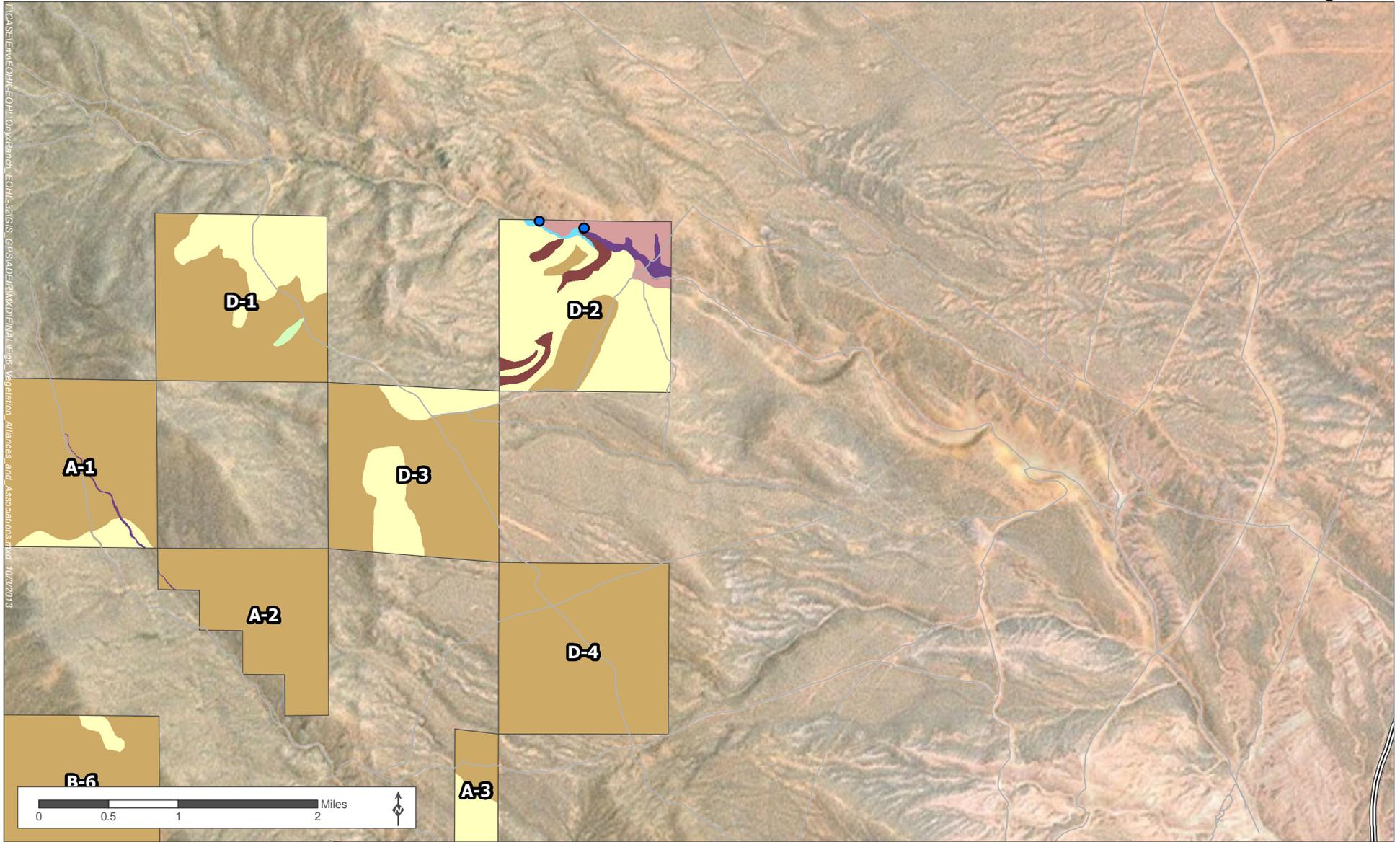


Figure 6-1b Vegetation Alliances and Associations



Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

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|---------------------|--|--------------------------|--------------------------|
| Acquisition Parcels | Vegetation Alliances and Associations | Desert Wash and Terrace | Oak Forest and Woodland |
| Seep/Spring | Barren and Rock Outcrop | Lower Mojave Woody Scrub | Juniper Woodland |
| | Developed | Upper Mojave Woody Scrub | Pine Forest and Woodland |
| | Blackbrush Scrubland | Joshua Tree Woodland | Wetland and Riparian |
| | Creosote and Bursage Scrub | Grassland | |

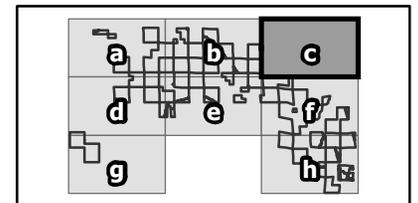
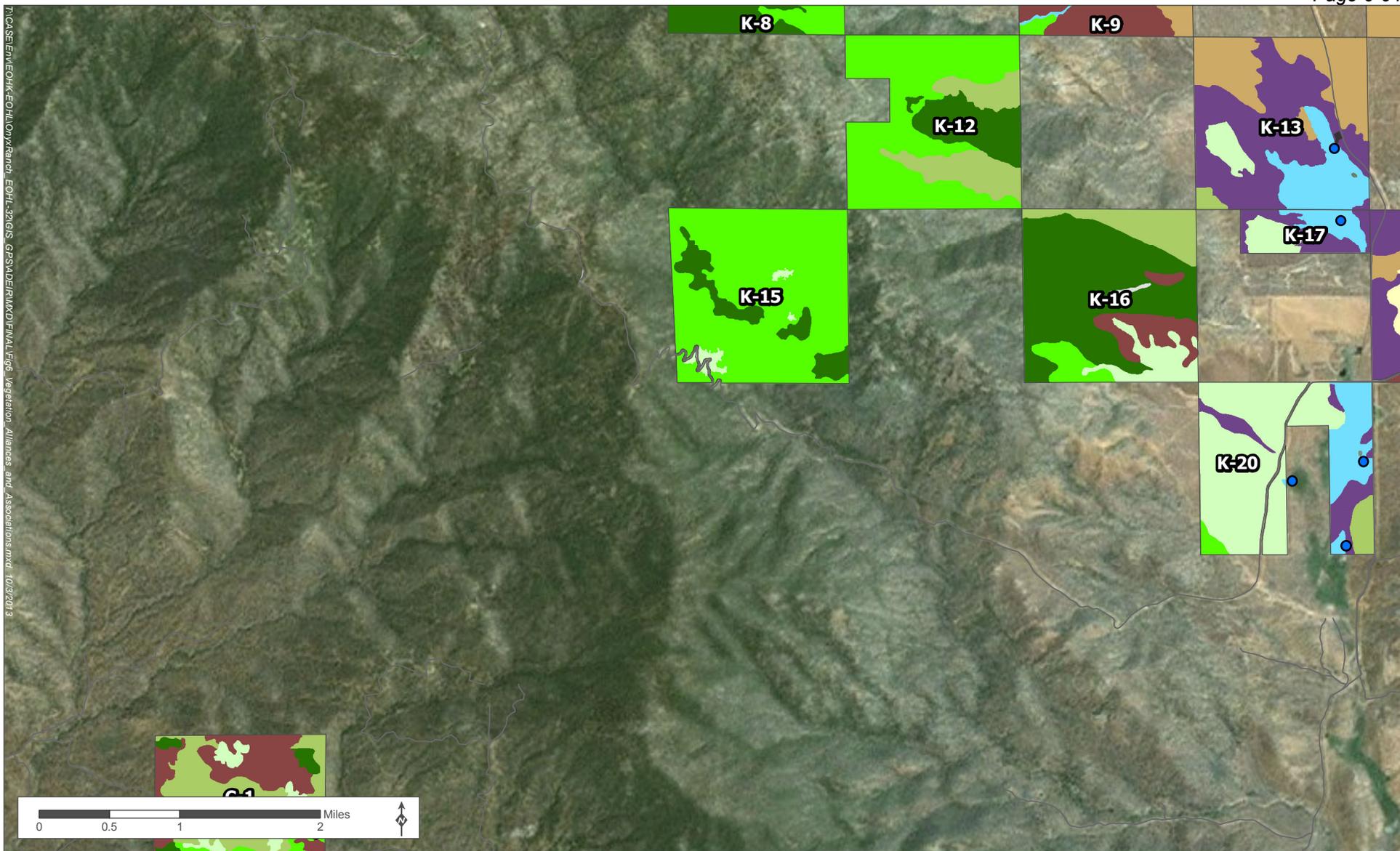


Figure 6-1c Vegetation Alliances and Associations



Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

- | | | | |
|---------------------|--|--------------------------|--------------------------|
| Acquisition Parcels | Vegetation Alliances and Associations | Desert Wash and Terrace | Oak Forest and Woodland |
| Seep/Spring | Barren and Rock Outcrop | Lower Mojave Woody Scrub | Juniper Woodland |
| | Developed | Upper Mojave Woody Scrub | Pine Forest and Woodland |
| | Blackbrush Scrubland | Joshua Tree Woodland | Wetland and Riparian |
| | Creosote and Bursage Scrub | Grassland | |

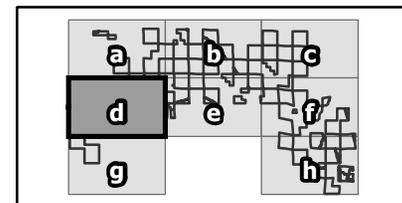
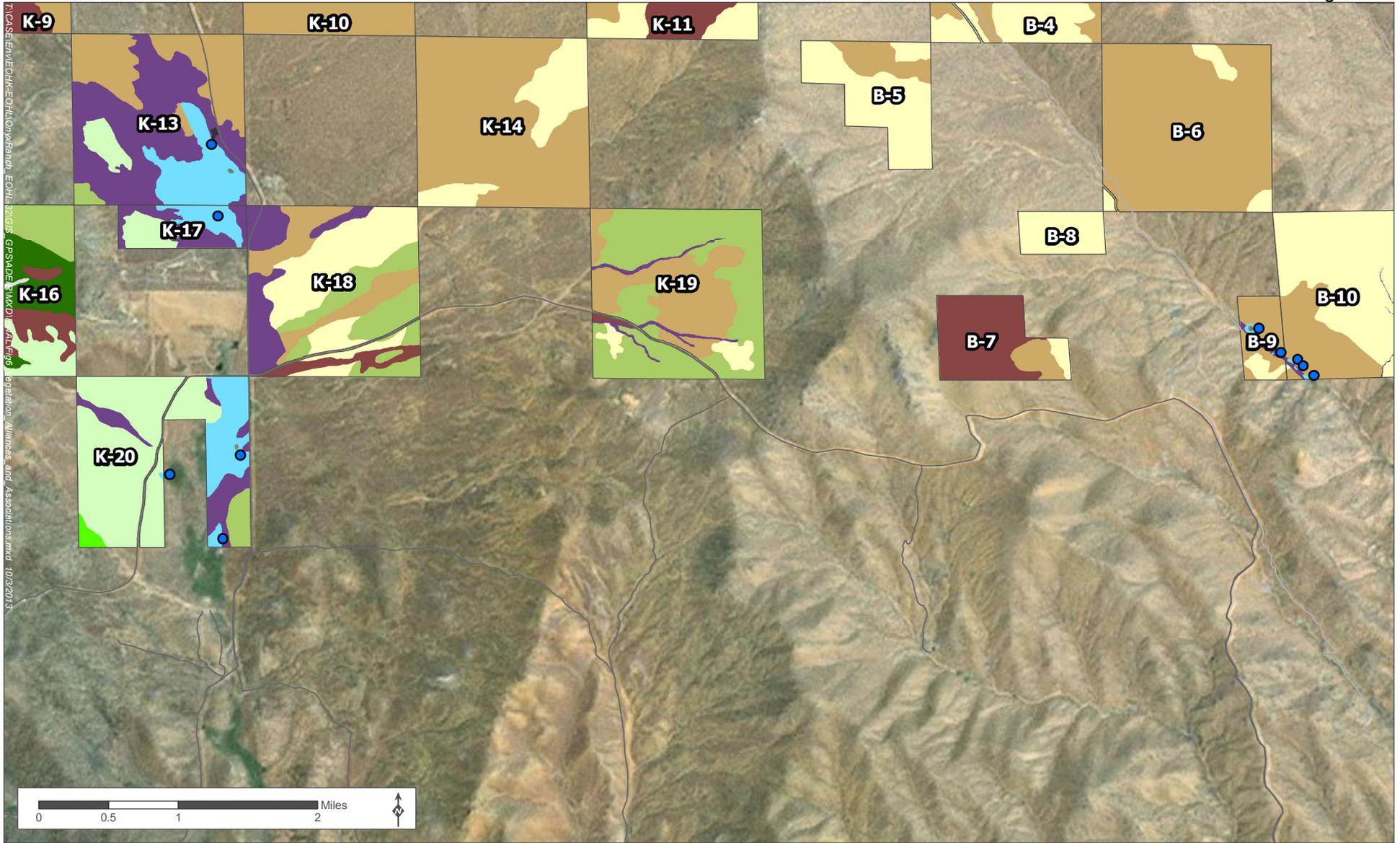


Figure 6-1d Vegetation Alliances and Associations

Eastern Kern County Property Acquisition Final EIR





Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

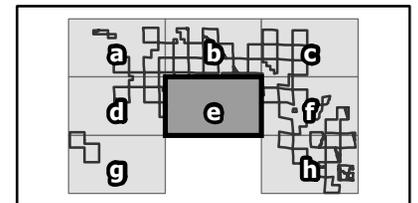
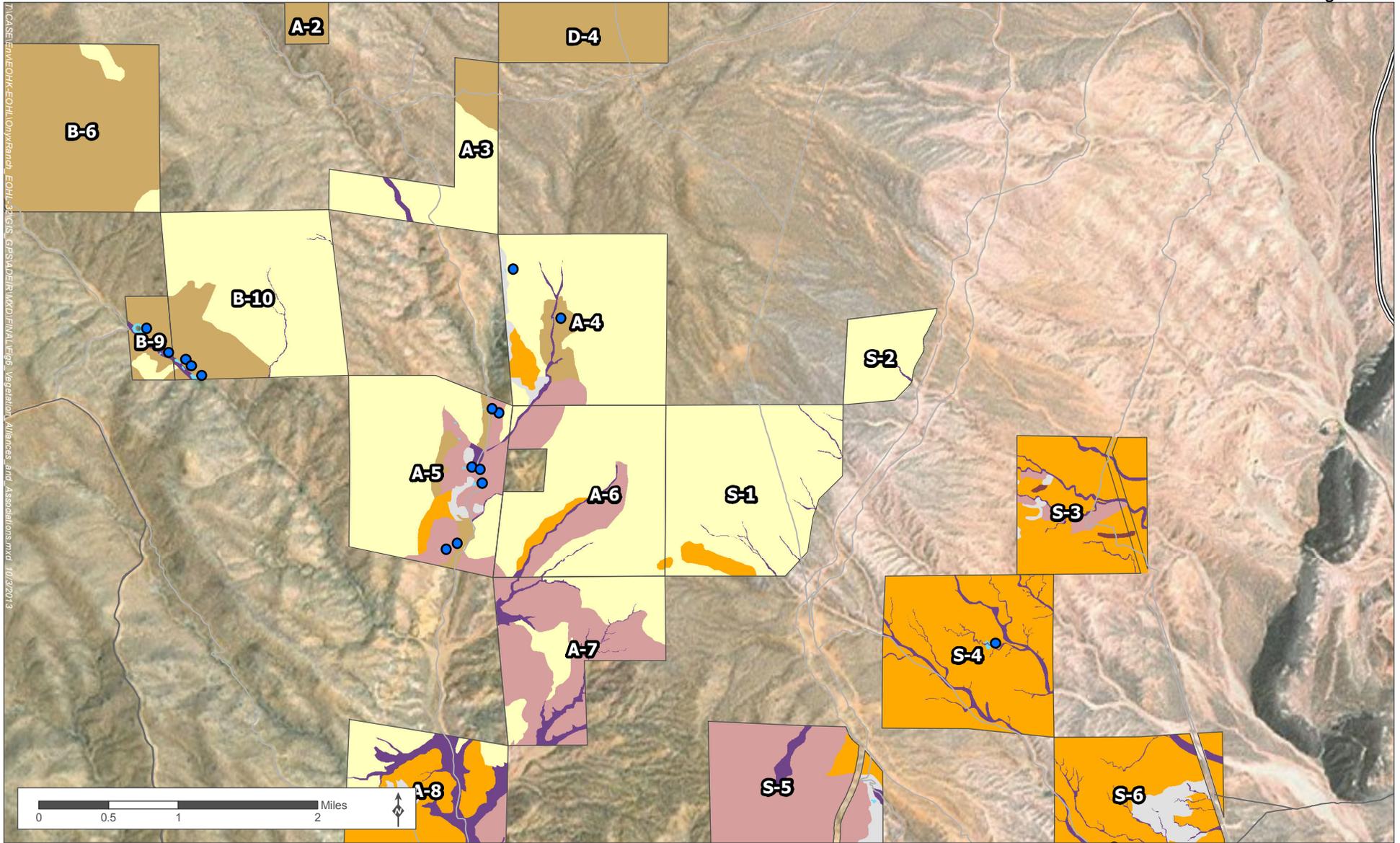


Figure 6-1e Vegetation Alliances and Associations



Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

- | | | |
|----------------------------|--------------------------|--------------------------|
| Acquisition Parcels | Desert Wash and Terrace | Oak Forest and Woodland |
| Seep/Spring | Barren and Rock Outcrop | Juniper Woodland |
| Developed | Lower Mojave Woody Scrub | Pine Forest and Woodland |
| Blackbrush Scrubland | Upper Mojave Woody Scrub | Wetland and Riparian |
| Creosote and Bursage Scrub | Joshua Tree Woodland | Grassland |

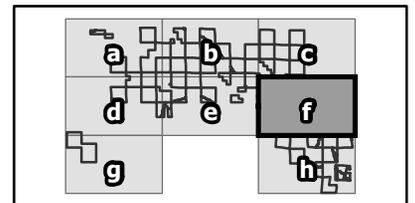
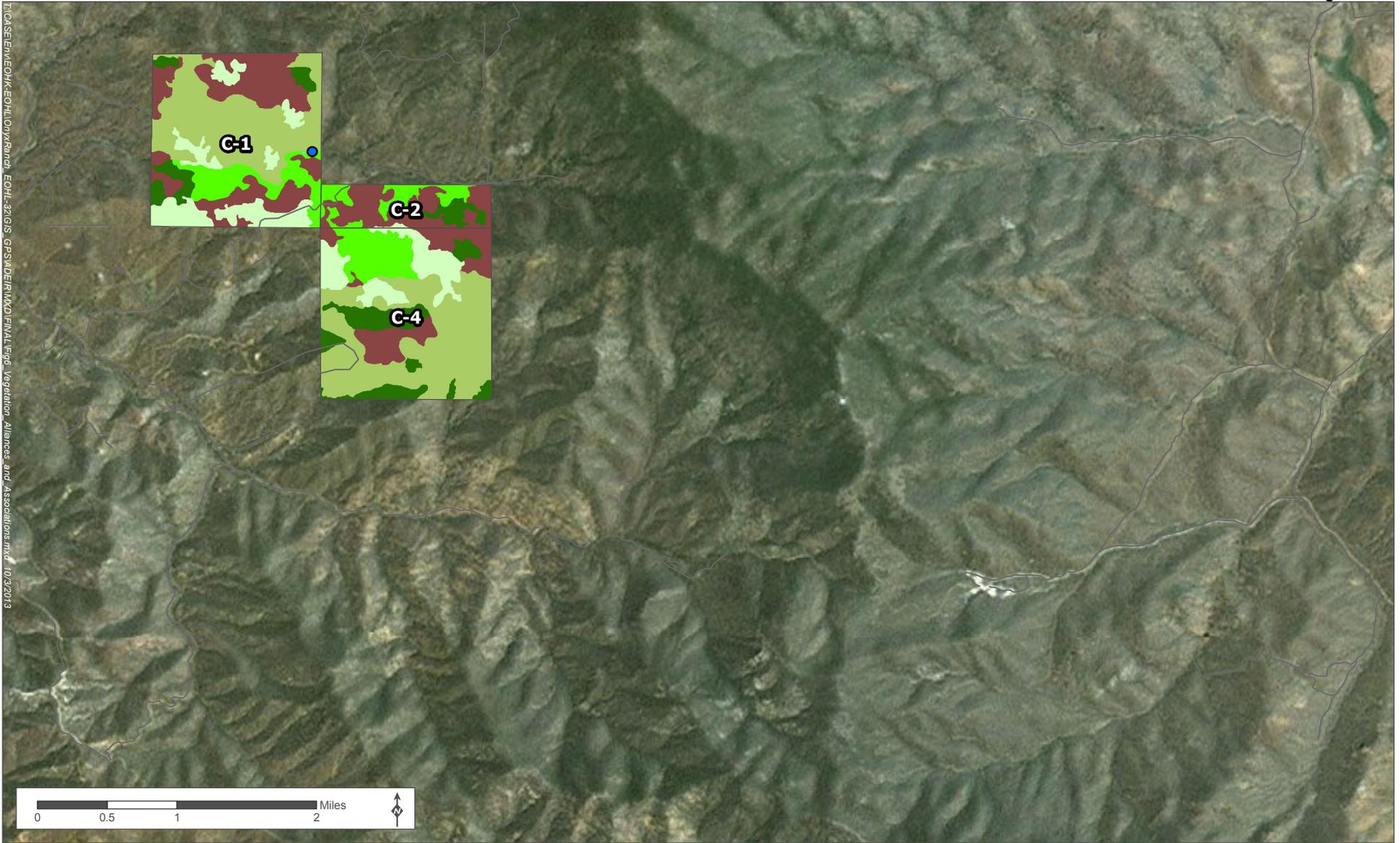


Figure 6-1f Vegetation Alliances and Associations

Eastern Kern County Property Acquisition Final EIR



Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

- | | | | |
|---------------------|--|--------------------------|--------------------------|
| Acquisition Parcels | Vegetation Alliances and Associations | Desert Wash and Terrace | Oak Forest and Woodland |
| Seep/Spring | Barren and Rock Outcrop | Lower Mojave Woody Scrub | Juniper Woodland |
| | Developed | Upper Mojave Woody Scrub | Pine Forest and Woodland |
| | Blackbrush Scrubland | Joshua Tree Woodland | Wetland and Riparian |
| | Creosote and Bursage Scrub | Grassland | |

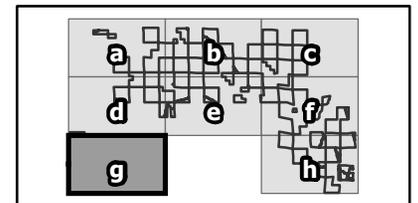
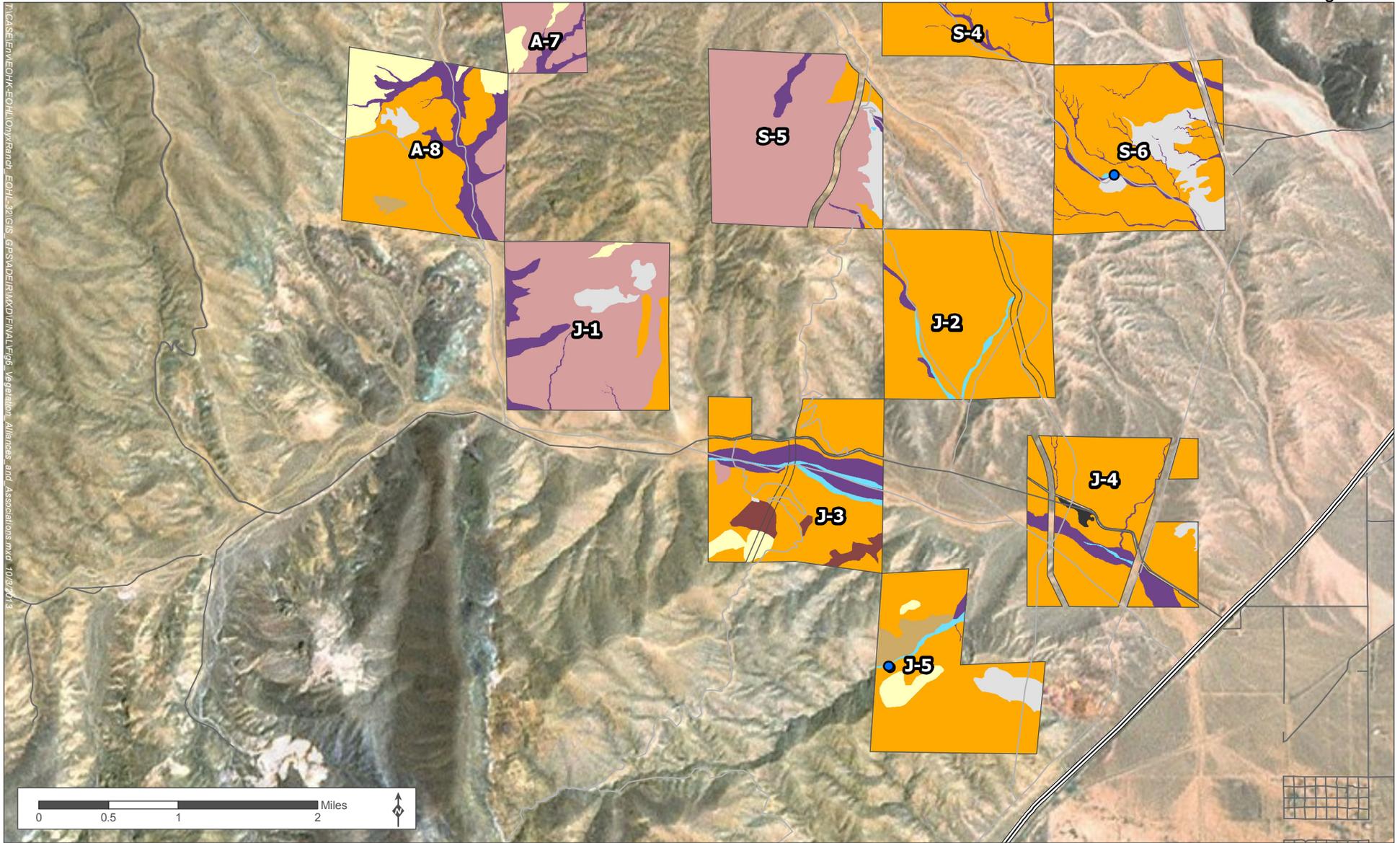


Figure 6-1g Vegetation Alliances and Associations



Source: USDA, Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation

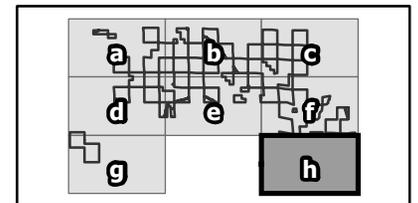
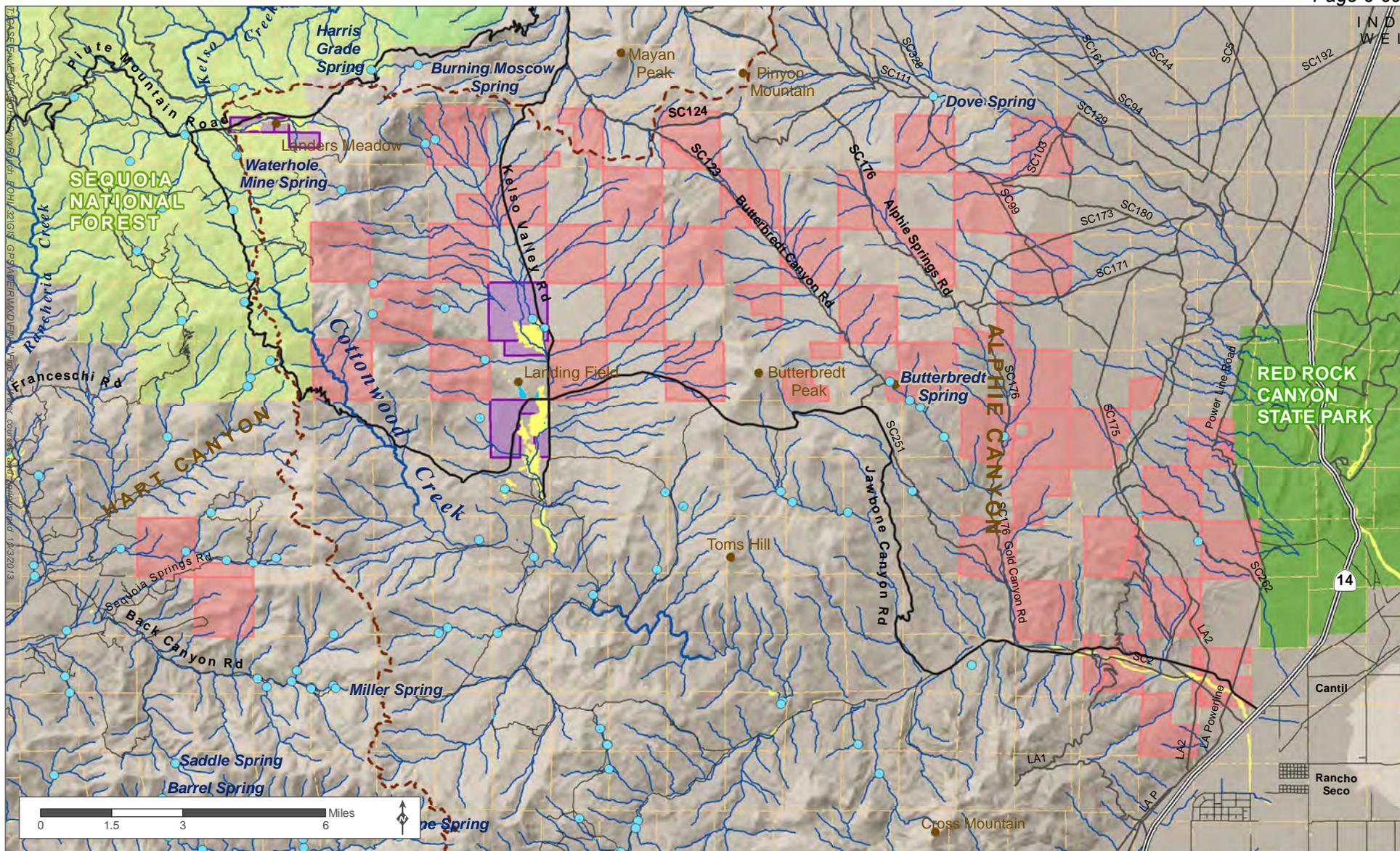


Figure 6-1h Vegetation Alliances and Associations



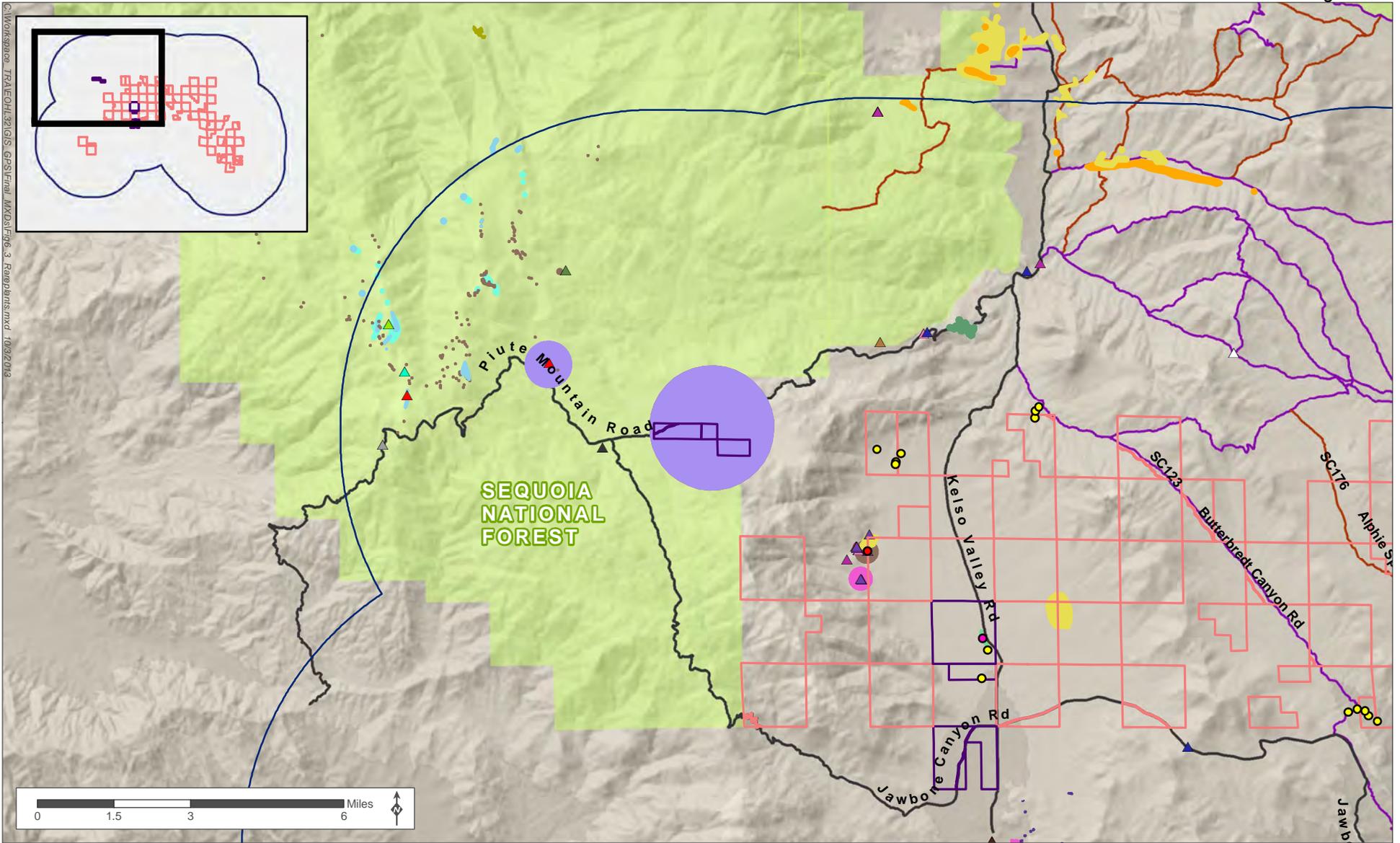
Source: Bureau of Land Management, USGS National Hydrologic Dataset, USFWS NWI, CalTrans, USFS, TRA, Kern County, California Department of Parks and Recreation

- | | | |
|---------------------------------|------------------------------|---------------------|
| State Route | Proposed Parcel Acquisition | Springs and Seeps |
| Local Roads | Potential Future Acquisition | Wetlands (USFWS) |
| Other Local Roads | California State Parks | Waterbodies |
| 4WD & OHV Designated Routes | US Forest Service | Perennial Stream |
| Pacific Crest Trail (USFS 2008) | Public Land Survey Sections | Intermittent Stream |



Figure 6-2 Water Courses, Springs, and Wetlands

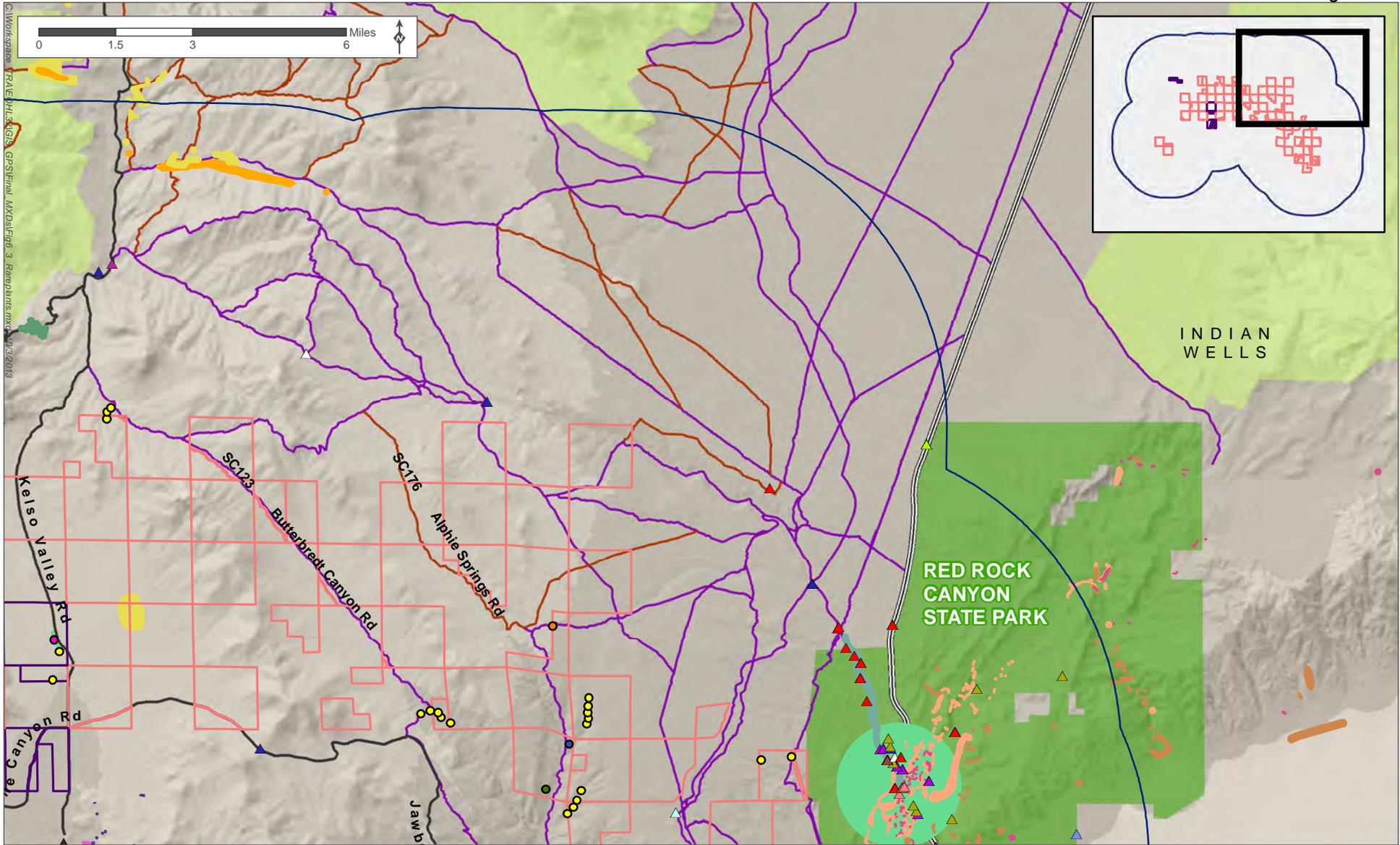
Eastern Kern County Property Acquisition Final EIR



Source: USFS, CalTrans, TRA, Kern County, California Department of Parks and Recreation, B. Leitner, Consortium of California Herbaria

- | | | | | | | |
|---|---|---|--|--|--|---|
| <p>Rare Plants Recorded during Vegetation Surveys</p> <ul style="list-style-type: none"> ● Palmer's mariposa lily ● Mojave Indian paintbrush ● Death Valley sandmat | <p>Consortium of Herbaria Records</p> <ul style="list-style-type: none"> ▲ Breedlove's buckwheat ▲ Death Valley sandmat ▲ Kelso Creek monkeyflower ▲ Kern Canyon clarkia | <ul style="list-style-type: none"> ▲ Kern County evening-primrose ▲ Mojave tarplant ▲ Palmer's mariposa-lily ▲ Transverse Range phacelia ▲ fragile pentachaeta | <ul style="list-style-type: none"> ▲ intermontane lupine ▲ pine fritillary ▲ silky lupine ▲ unexpected larkspur ▲ white pygmy poppy | <p>CNDB Records</p> <ul style="list-style-type: none"> ■ Breedlove's buckwheat ■ Kelso Creek monkeyflower ■ Kern Canyon clarkia ■ Mojave tarplant ■ Palmer's mariposa-lily | <ul style="list-style-type: none"> ■ Piute cypress ■ San Bernardino aster ■ Tracy's eriastrum ■ alkali mariposa-lily ■ unexpected larkspur ■ white pygmy-poppy | <ul style="list-style-type: none"> ■ Proposed Parcel Acquisition ■ Potential Future Acquisition ■ US Forest Service ■ 5 mile buffer ■ Local Roads ■ 4 Wheel Drive ■ ATV & MC |
|---|---|---|--|--|--|---|

Figure 6-3a Special-status Plants In and Near the Eastern Kern County Acquisition Project

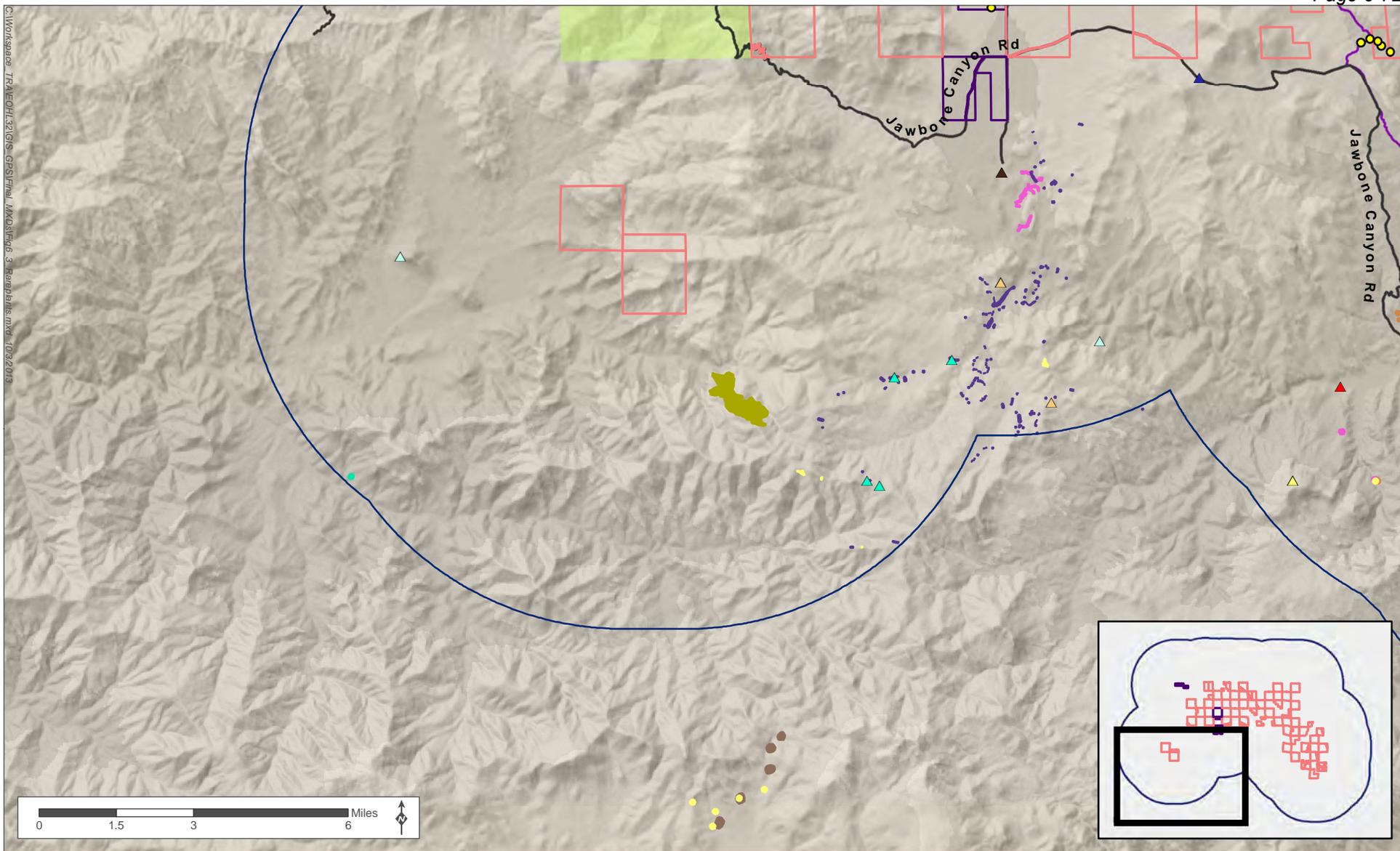


Source: USFS, CalTrans, TRA, Kern County, California Department of Parks and Recreation, B. Leitner, Consortium of California Herbaria

- | | | | |
|--|--|--|--|
| Rare Plants Recorded during Vegetation Surveys | Consortium of Herbaria Records | CNDDDB Records | Map Symbols |
| <ul style="list-style-type: none"> ● Mojave Indian paintbrush ● Death Valley sandmat ● Desert cymopterus ● Charlotte's phacelia ● Mojave fish-hook cactus | <ul style="list-style-type: none"> ▲ Charlotte's phacelia ▲ Death Valley sandmat ▲ Kelso Creek monkeyflower ▲ Mojave fishhook cactus ▲ Mojave indigo-bush | <ul style="list-style-type: none"> ▲ Mojave spineflower ▲ Red Rock poppy ▲ Red Rock tarplant ▲ alkali mariposa-lily ▲ crowned muilla ▲ fragile pentachaeta ▲ intermontane lupine ▲ limestone dudleya ▲ solitary blazing star ▲ white pygmy poppy | <ul style="list-style-type: none"> ■ Red Rock tarplant ■ Tracy's eriastrum ■ alkali mariposa-lily ■ creamy blazing star ■ white pygmy-poppy ■ Red Rock poppy ■ Charlotte's phacelia ■ Kelso Creek monkeyflower ■ Kern Canyon clarkia ■ Mojave tarplant ■ Red Rock poppy |
| | | | <ul style="list-style-type: none"> □ Proposed Parcel Acquisition □ Potential Future Acquisition ■ California State Parks ■ US Forest Service ■ 5 mile buffer ≡ State Route — Local Roads — 4 Wheel Drive — ATV & MC |



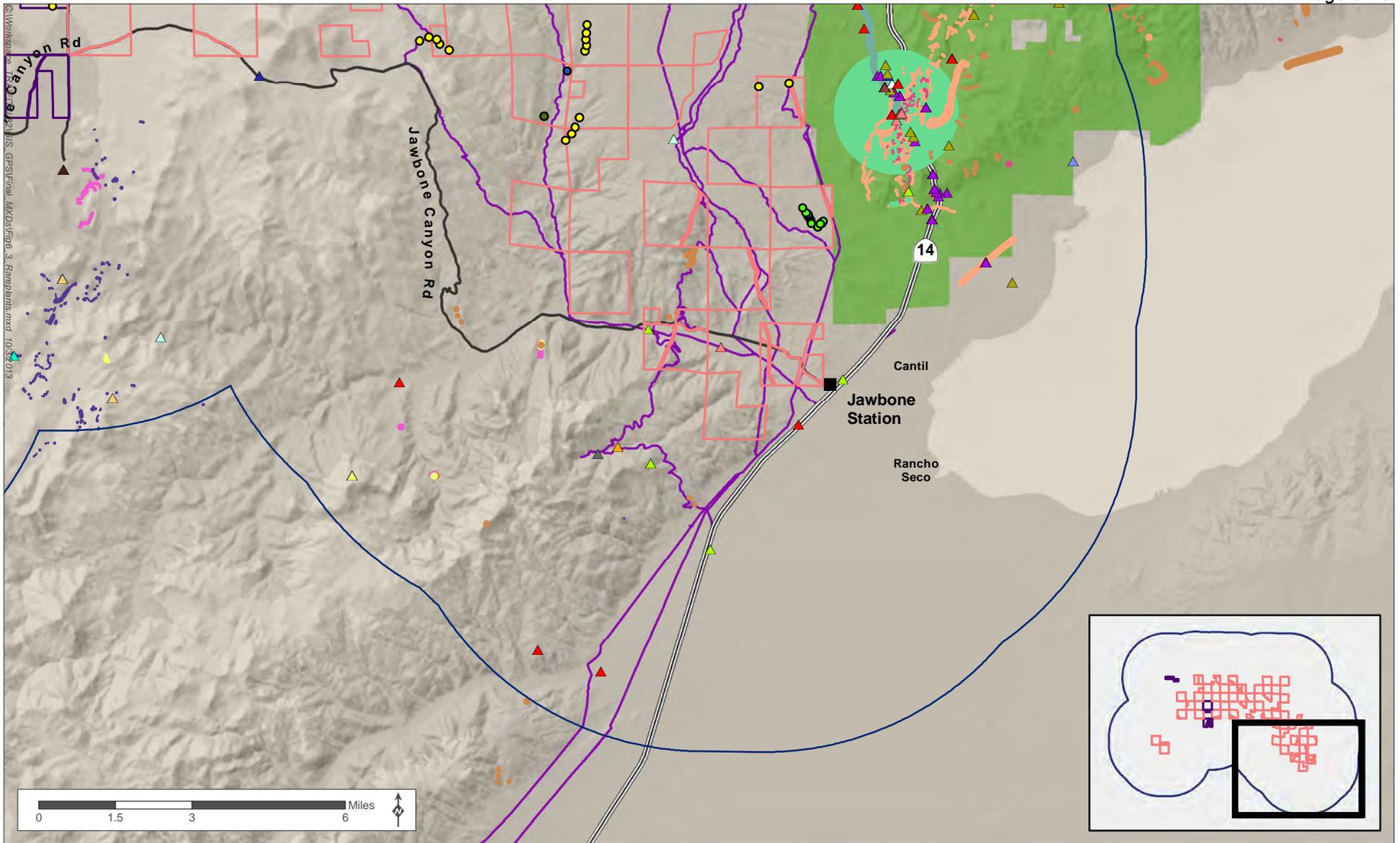
Figure 6-3b Special-status Plants In and Near the Eastern Kern County Acquisition Project



Source: USFS, CalTrans, TRA, Kern County, California Department of Parks and Recreation, B. Leitner, Consortium of California Herbaria

- | | | | |
|---|---------------------------------------|--------------------------|------------------------------------|
| Rare Plants Recorded during Vegetation Surveys | Consortium of Herbaria Records | CNDDB Records | Proposed Parcel Acquisition |
| ● Death Valley sandmat | ▲ Brandegee's eriastrum | ▲ Piute cypress | □ Proposed Parcel Acquisition |
| ▲ Death Valley sandmat | ▲ fragile pentachaeta | ▲ Charlotte's phacelia | □ Potential Future Acquisition |
| ▲ Peirson's spring beauty | ▲ intermontane lupine | ▲ Mojave tarplant | □ 5 mile buffer |
| | ▲ limestone dudleya | ▲ Palmer's mariposa-lily | — Local Roads |
| | ▲ Tracy's eriastrum | ▲ solitary blazing star | — 4 Wheel Drive |
| | ▲ white pygmy poppy | ▲ Spanish Needle onion | |
| | | ▲ Tracy's eriastrum | |
| | | ▲ calico monkeyflower | |

Figure 6-3c Special-status Plants In and Near the Eastern Kern County Acquisition Project

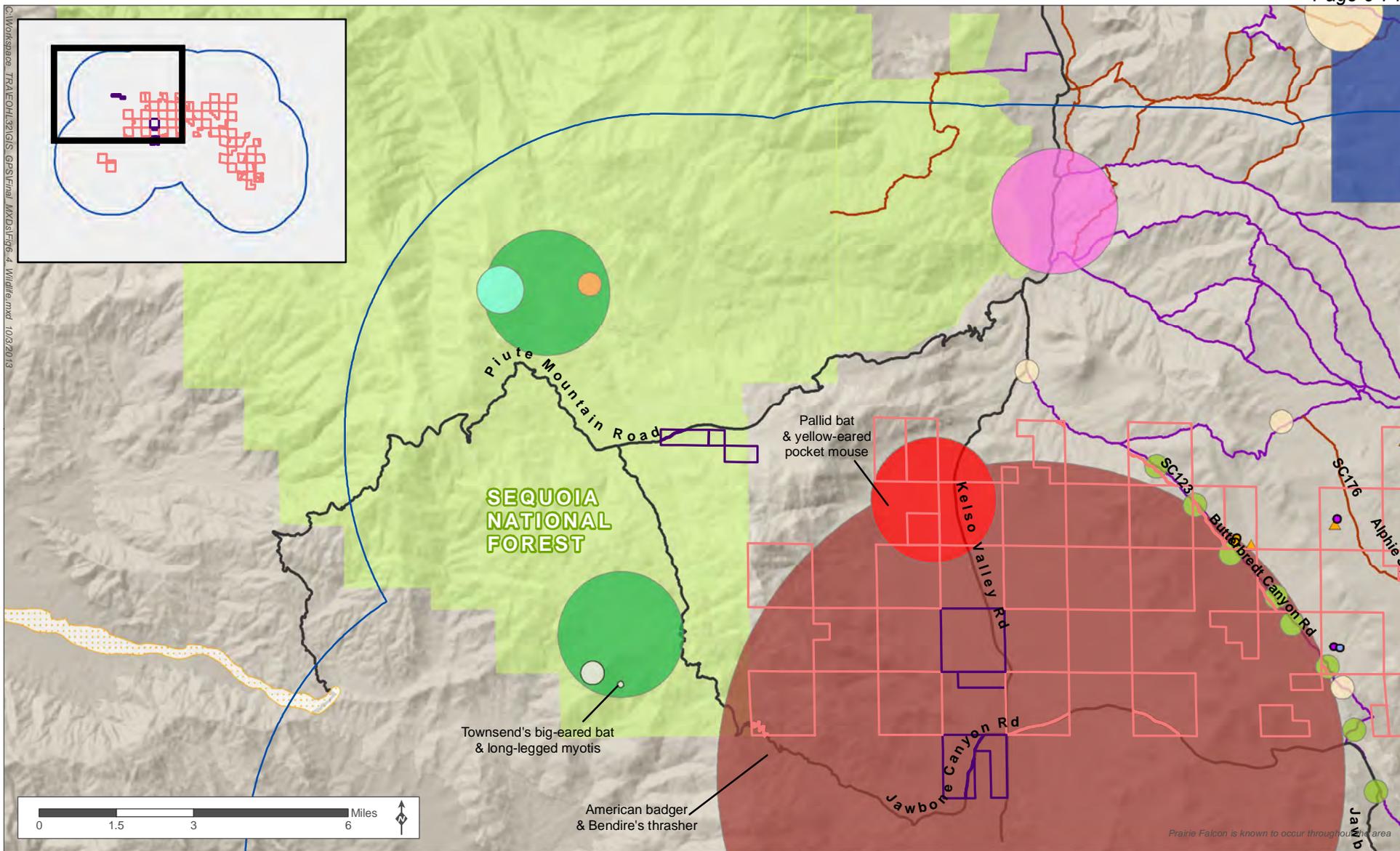


Source: USFS, CalTrans, TRA, Kern County, California Department of Parks and Recreation, B. Leitner, Consortium of California Herbaria

- | | | | |
|---|---------------------------------------|----------------------------|--------------------------------|
| Rare Plants Recorded during Vegetation Surveys | Consortium of Herbaria Records | CNDDB Records | Other Symbols |
| ● Death Valley sandmat | ▲ Brandegee's eriastrum | ■ Charlotte's phacelia | □ Proposed Parcel Acquisition |
| ● Mojave spineflower | ▲ Charlotte's phacelia | ■ Mojave tarplant | □ Potential Future Acquisition |
| ● Charlotte's phacelia | ▲ Death Valley sandmat | ■ Red Rock poppy | ■ California State Parks |
| ● Mojave fish-hook cactus | ▲ Hubby's phacelia | ■ Red Rock tarplant | ■ 5 mile buffer |
| | ▲ Mojave fishhook cactus | ■ streambank spring beauty | ■ Visitor Center |
| | ▲ Mojave indigo-bush | ■ alkali mariposa-lily | ▬ State Route |
| | ▲ crowned muilla | ▲ Mojave spineflower | ▬ Local Roads |
| | | ▲ Peirson's spring beauty | ▬ 4 Wheel Drive |
| | | ▲ Red Rock poppy | |
| | | ▲ Red Rock tarplant | |
| | | ▲ solitary blazing star | |
| | | ▲ streambank spring beauty | |
| | | ▲ white pygmy poppy | |
| | | ▲ fragile pentachaeta | |
| | | ▲ intermontane lupine | |
| | | ▲ limestone dudleya | |
| | | ▲ creamy blazing star | |



Figure 6-3d Special-status Plants In and Near the Eastern Kern County Acquisition Project



Source: Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation, Biosearch, Leatherman, California Department of Fish and Wildlife

Biosearch 2012

▲ Mohave ground squirrel initial capture

Incidental Observations & Sign Biosearch 2012

- Golden Eagle
- Loggerhead Shrike
- Mohave Ground Squirrel

CNDDB records

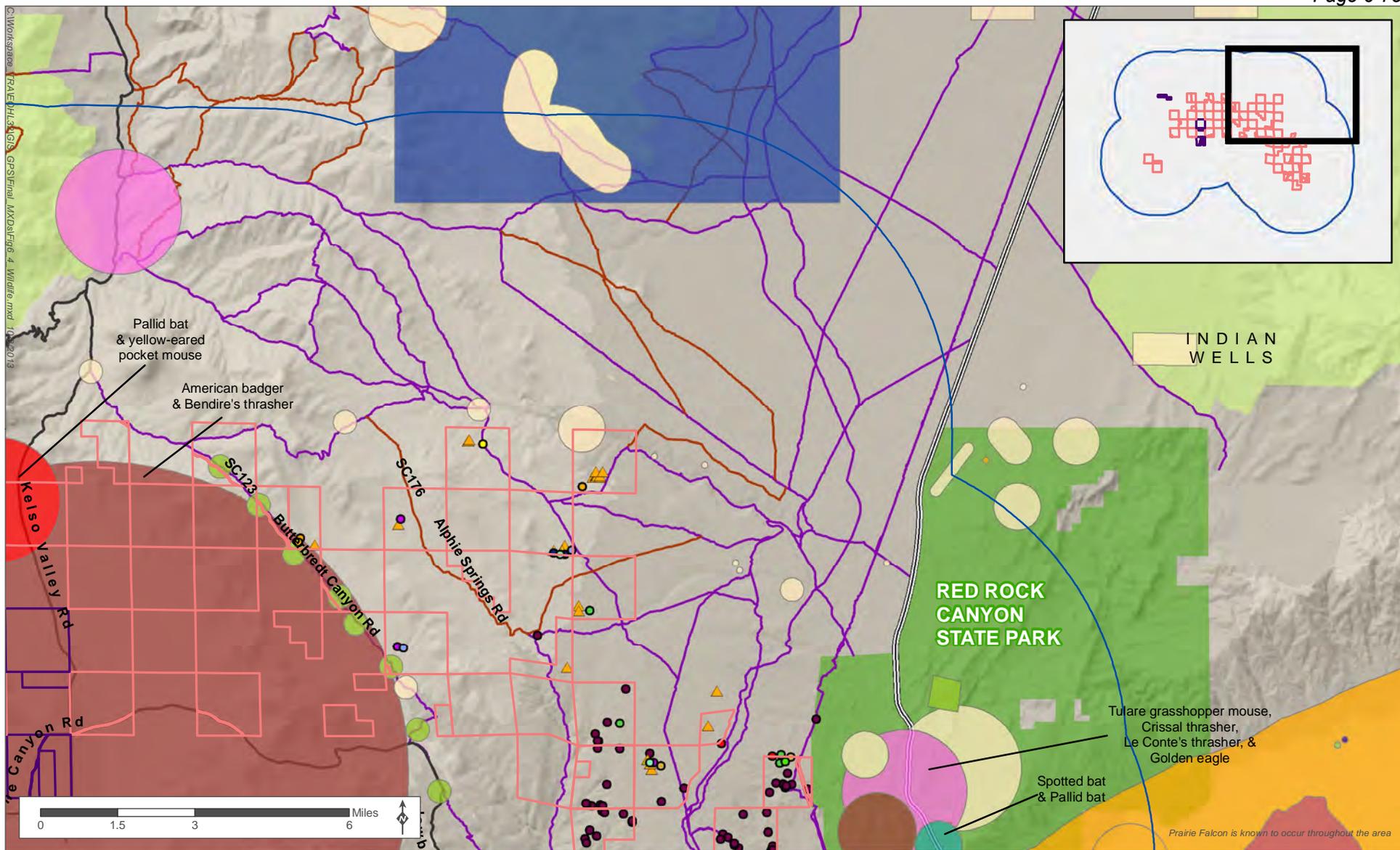
- American badger
- Comstock's blue butterfly
- Kern Plateau salamander
- Le Conte's thrasher
- Mohave ground squirrel
- Pacific fisher
- Townsend's big-eared bat
- Tulare grasshopper mouse
- lodgepole chipmunk
- pallid bat
- yellow-blotched salamander

- Piute Mountains cuckoo wasp
- Proposed Parcel Acquisition
- Potential Future Acquisition
- US Forest Service
- 5 mile buffer

- Local Roads
- 4 Wheel Drive
- ATV & MC



Figure 6-4a Special-status Wildlife In and Near the Eastern Kern County Acquisition Project

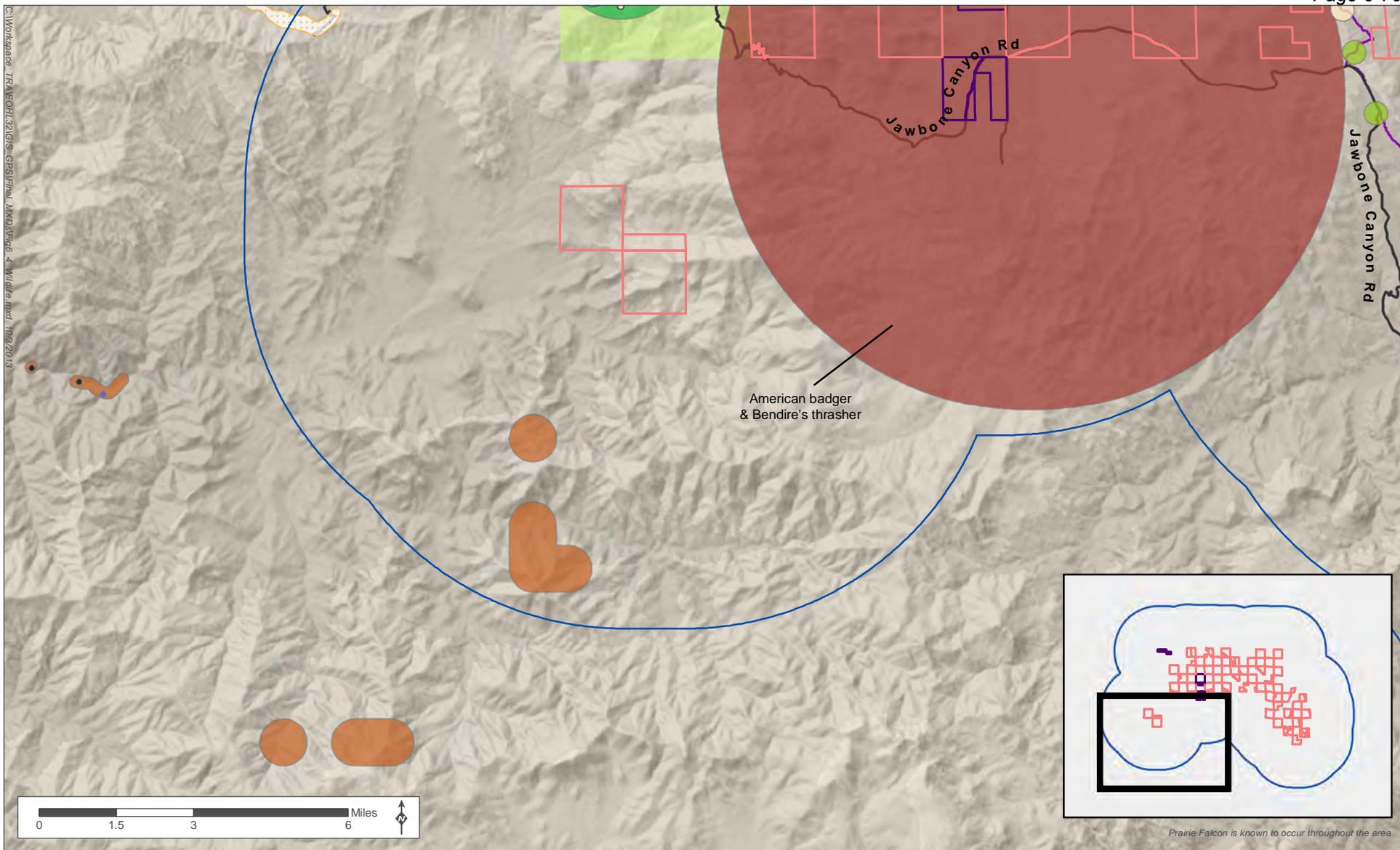


Source: Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation, Biosearch, Leatherman, California Department of Fish and Wildlife

- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none"> ● Tortoise sign, burrow, or individual ● LeConte's Thrasher ● American Badger ● Desert Tortoise ● Golden Eagle ● Kit Fox | <ul style="list-style-type: none"> ● Loggerhead Shrike ● Mohave Ground Squirrel ● Northern Harrier ● Prairie Falcon ● Swainson's Hawk ▲ Mohave ground squirrel initial capture | <p>CNDDB records</p> <ul style="list-style-type: none"> ■ American badger ■ Kern Plateau salamander ■ Le Conte's thrasher ■ Mohave ground squirrel ■ Tulare grasshopper mouse ■ desert tortoise ■ loggerhead shrike ■ pallid bat ■ spotted bat ■ western snowy plover | <ul style="list-style-type: none"> ▭ Proposed Parcel Acquisition ▭ Potential Future Acquisition ▭ California State Parks ▭ US Forest Service ▭ 5 mile buffer ≡ State Route — Local Roads — 4 Wheel Drive — ATV & MC |
|---|--|--|--|



Figure 6-4b Special-status Wildlife In and Near the Eastern Kern County Acquisition Project

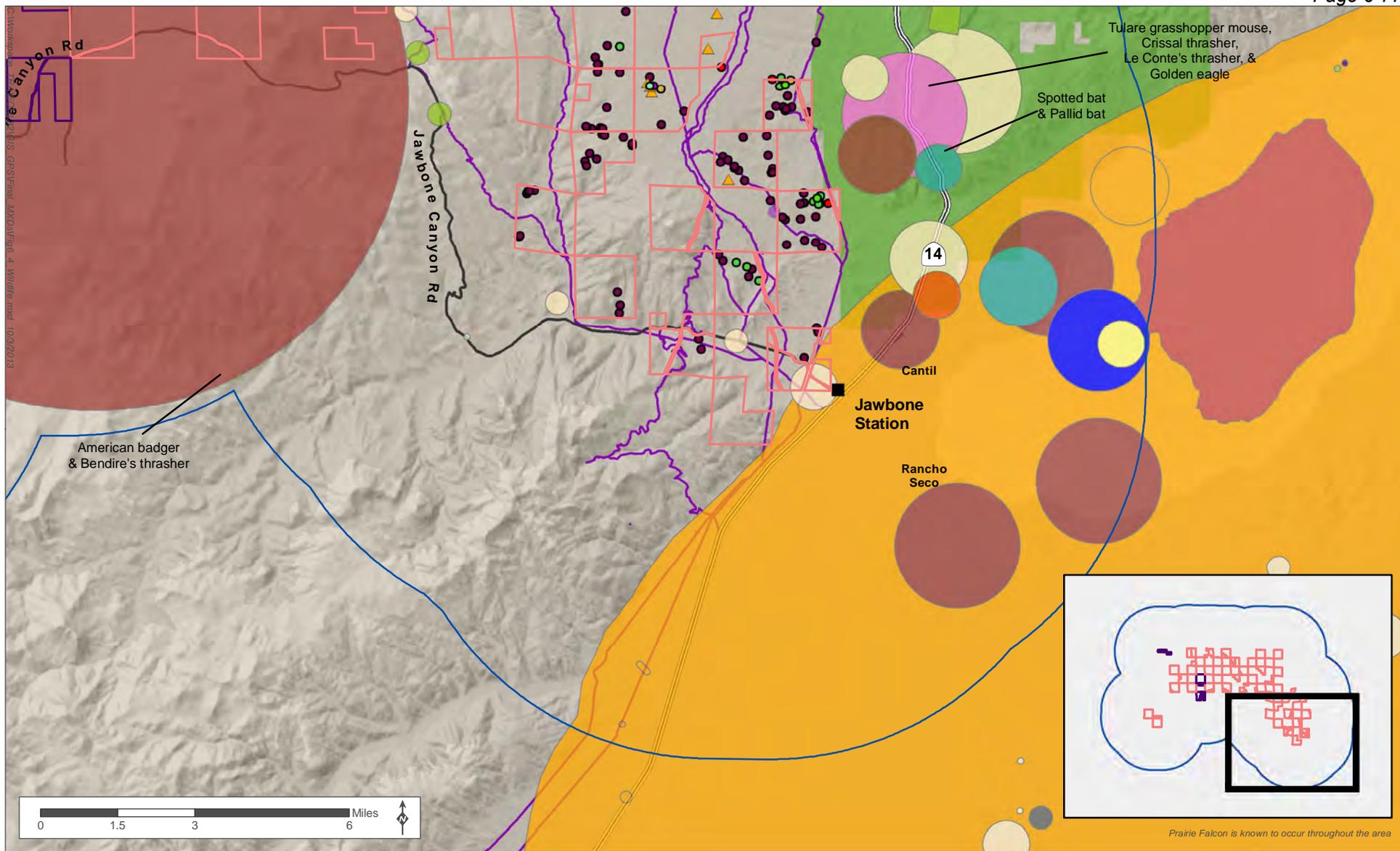


Source: Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation, Biosearch, Leatherman, California Department of Fish and Wildlife

- | | | | |
|------------------------------|-----------------------------------|------------------------------|---------------|
| CNDDDB records | Townsend's big-eared bat | Proposed Parcel Acquisition | Local Roads |
| American badger | lodgepole chipmunk | Potential Future Acquisition | 4 Wheel Drive |
| Le Conte's thrasher | rosy boa | 5 mile buffer | |
| Mohave ground squirrel | valley elderberry longhorn beetle | | |
| Piute Mountains cuckoo wasp | yellow-blotched salamander | | |
| Tehachapi slender salamander | | | |

Prairie Falcon is known to occur throughout the area

Figure 6-4c Special-status Wildlife In and Near the Eastern Kern County Acquisition Project



Source: Bureau of Land Management, CalTrans, TRA, Kern County, California Department of Parks and Recreation, Biosearch, Leatherman, California Department of Fish and Wildlife



Figure 6-4d Special-status Wildlife In and Near the Eastern Kern County Acquisition Project