



# SPECIAL-STATUS SPECIES OF THE AMERICAN RIVER PARKWAY

**PRESENTED BY:**

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# CDFW Mission

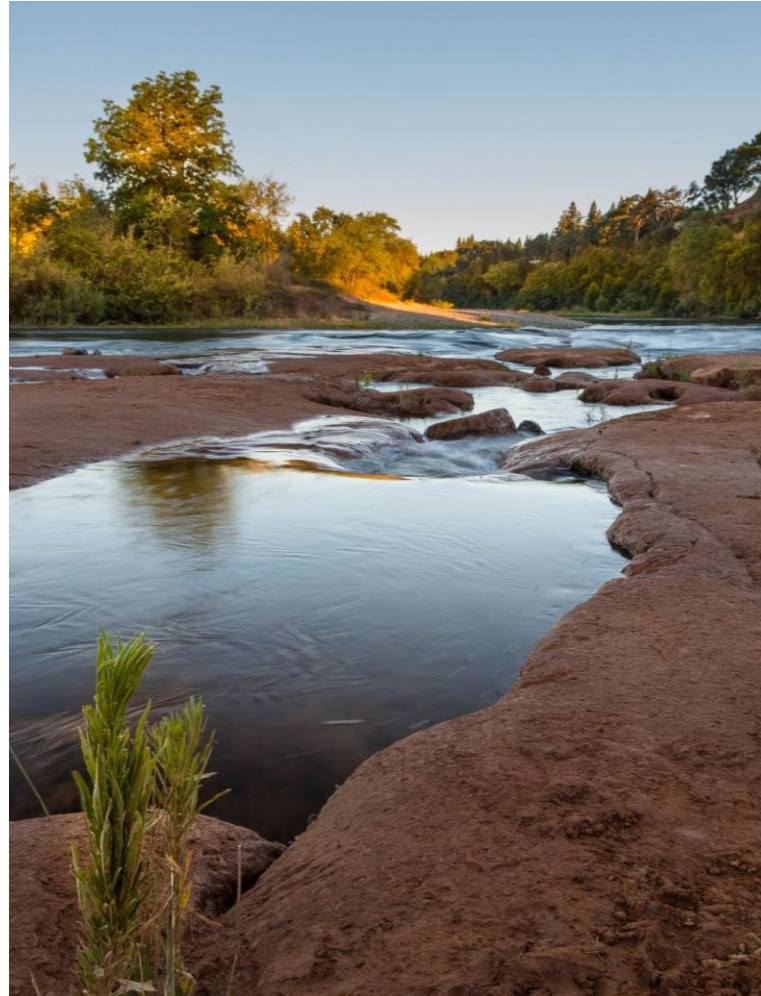


To manage California's diverse fish, wildlife, and plant resources, and the habitats upon which they depend, for their ecological values and their use and enjoyment by the public.



# CDFW Perspective on the American River Parkway (ARP)

- Extremely high value
- Incredible biodiversity
- Complex habitat
- Public connection to resources
- Wide range of ways to interact with nature
- Access for all



# Special-Status Species



\*Includes fish species. Restoration and management of these species typically managed and driven by non-County constituents

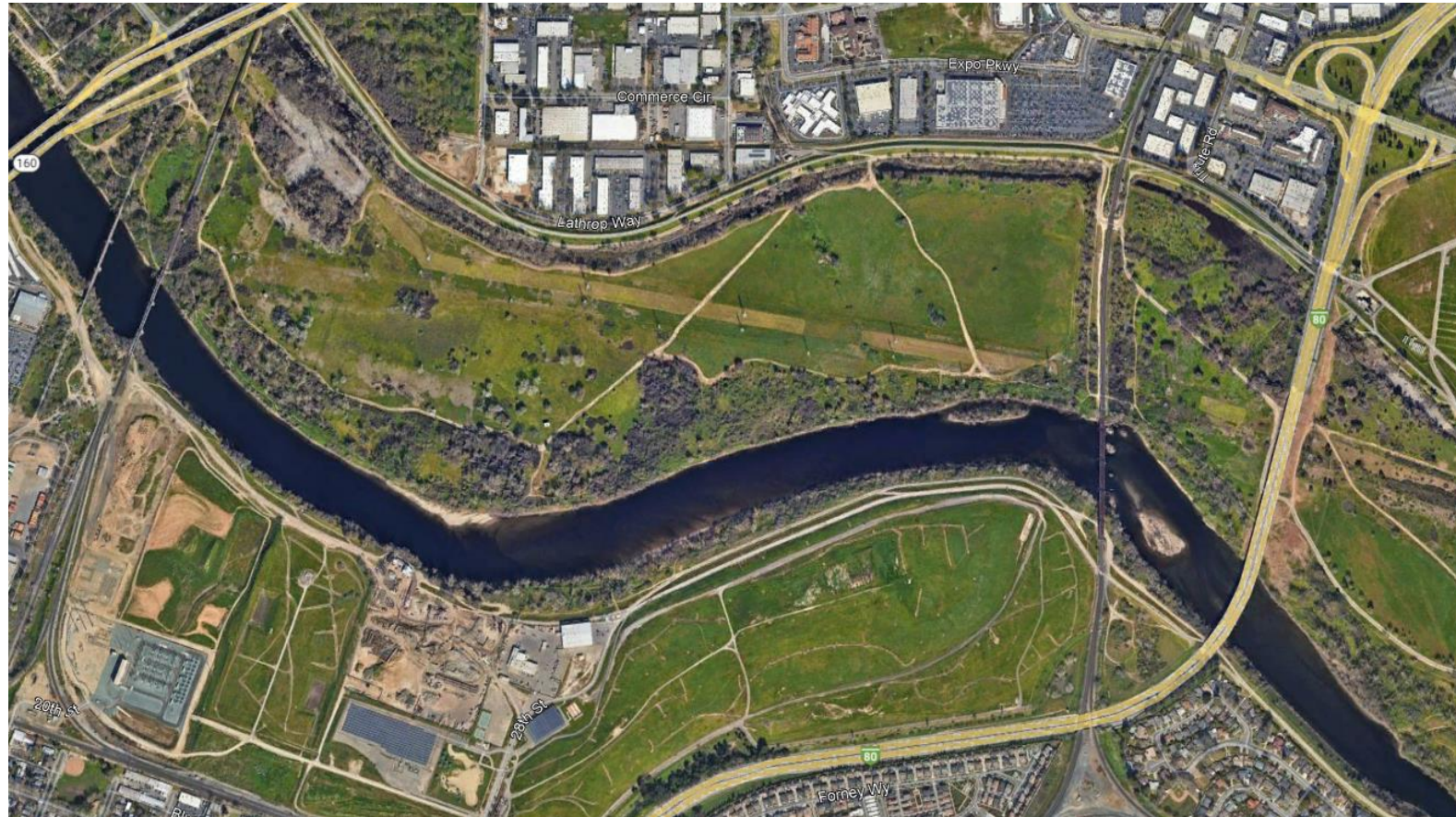
- Special-status species are defined as:
- Plants and animals\* listed, proposed, or candidates for listing as threatened or endangered under the California Endangered Species Act (CESA) or ESA;
  - Animals\* designated as Species of Special Concern (SSC) by CDFW;
  - Animal species that are “Fully Protected” (CFP) in California (Fish and Game Codes 3511, 4700, 5050, and 5515);
  - Plants designated as rare by the California Native Plant Society (CNPS)

# Swainson's Hawk (*Buteo swainsoni*)



- Special-Status: *Threatened* under CESA
- Nests in riparian woodland and forest habitat of the ARP, particularly in the lower ARP
- Nearly 80% of known nests are in riparian areas, typically forages within 1 mile of nest
- Priorities:
  - Protection of nest trees, old growth forest
  - Recruitment of cottonwoods
  - Enhancement of grasslands

# Swainson's Hawk Habitat



# Western Pond Turtle (*Actinemys marmorata*)



- Special-Status: Species of Special Concern by CDFW, Candidate under the Federal Endangered Species Act
- Found throughout ARP, particularly Bushy Lake
- California's only freshwater turtle
- Primarily aquatic but may nest over 0.25 mile away in upland areas
- Priorities
  - Research
  - Enhance Basking Opportunities
  - Enhance Nesting Opportunities
  - Control Non-Native Species such as bullfrogs, red-eared sliders, non-native fishes
  - Public Education

# Sanford's Arrowhead (*Sagittaria sanfordii*)



- Special-Status: Designated as Rare by the California Native Plant Society, Rank 1B.2
- Rank 1B.2- rare, threatened, or endangered in California, moderately threatened
- Present in drainages, ditches, and creek connections in the ARP
- Reproduces sexually through flowers (generalist bees/flies) and asexually through rhizomes
- Easily identifiable through white flowers May-October
- Priorities:
  - Research
  - Avoidance during maintenance, particularly avoiding herbicide spraying
  - Identify opportunities to simulate disturbance/lessen competition
  - Restoration of marsh and slow moving side channels



# Sanford's Arrowhead Habitat



# Bald Eagle (*Haliaeetus leucocephalus*)



- Special-Status: California Fully Protected, *Endangered* under CESA
- 2 nests along the Lower American River, more soon?
- Extremely long and intricate nesting period
- Primary food source- fish
- Priorities:
  - Identify and protect nest trees
  - Public outreach and access control
  - Enhance fisheries resources

# Crotch's Bumblebee (*Bombus crotchii*)



- Special-Status: Candidate *Endangered* for listing under CESA
- Historic and project current range includes ARP
- Ground nester in rodent burrows, under rocks, debris piles
- Priorities:
  - Enhance grasslands
  - Restore floral resources, particularly milkweeds, salvias, lupines, etc.
  - Community education and outreach → hedgerows, fencelines

# Crotch's Bumblebee Floral Resources



- *Chaenactis*: Pincushions and Dustymaids (Sunflowers)



- *Asclepias*: Milkweeds



- *Lupinus*: Lupines



- *Medicago*: medick or burclover



- *Phacelia*: scorpionweed



- *Salvia*: Sages

# Uncommon/Extirpated ARP Species



- Bank Swallow



- Burrowing Owl



- Purple Martin



- Tricolored Blackbird

Can these  
species be  
recovered?

# Q & A

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