



Golden Eagle “Element Occurrences” in the California Natural Diversity Database (CNDDDB)



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What is the CNDDDB?

- Inventory of California’s rarest plants, animals, & natural communities
- State’s Natural Heritage Program, established 1979 (TNC/NatureServe)
- National data standards
- Value added product, data-rich records, QC
- Used by resource managers for environmental review, reserve planning, & species status review

What we track (animals):

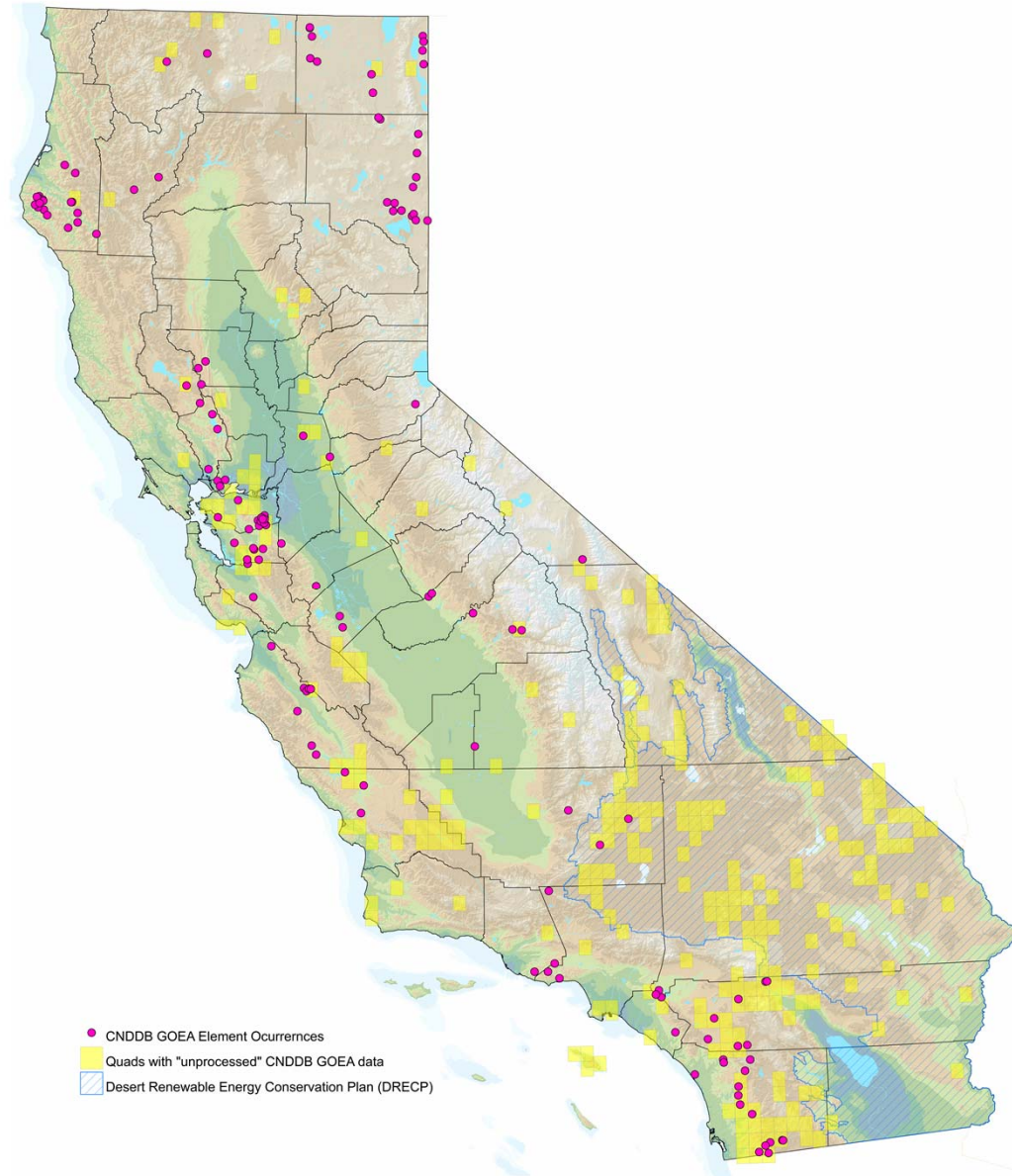
- 475 vertebrates ~ 434 invertebrates
- **Element Occurrences (EOs): summaries of species occurrences; not individual detections**

CNDDDB golden eagle occurrences:

- **Primarily nest sites**; some winter foraging areas (not fly-overs, perched birds)
- Element Occurrences summarize:
 - Territory history
 - Productivity
 - Habitat
 - Threats
 - Rank & trend
 - Bibliography/references
- 141 Element Occurrences currently in CNDDDB
- An additional 200+ “unprocessed” sources
- Currently, CNDDDB is processing GOEA data in the DRECP (106 EOs recently added/updated)
- Unknown if state-wide mapping will be a future priority

Other GOEA data considerations:

- Not all detections are added to the CNDDDB (fly overs, perched birds, carcasses, etc.)
- Other observation data may be important to answer different management questions
- Other existing GOEA data has not been submitted to CNDDDB



- CNDDDB GOEA Element Occurrences
- Quads with “unprocessed” CNDDDB GOEA data
- Desert Renewable Energy Conservation Plan (DRECP)