Grazing Management & Raptors = Ground Squirrels R Us!

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EBRPD Monitoring Raptors Since 1986
Preserve Natural & Cultural Resources

All Things Connected

Range Management

Prey Distribution

Raptor Use

Raptor Flight Behavior
Golden Eagle Satellite Tracking

Prairie Falcon Radio Tracking

Burrow Distribution

Legend:
- Burrow Study Area
- Ground Squirrel Complex
- Protected Other Complex
- EBRPD Boundaries

Burrow Distribution
California Ground Squirrel vs Botta’s Pocket Gopher:

- Mean number of burrow complexes per km² for California ground squirrels and Botta’s pocket gophers.
- Comparison of grazing exclusions in different years.

Red-tailed Hawk - All Flights:

- Map showing flight patterns of red-tailed hawks.
- Legend indicating different flight areas.

Red-tailed Hawk Flights vs Ground Squirrel Burrows:

- Graph showing correlation between red-tailed hawk flights and ground squirrel burrows.
- Statistical analysis with $r = 0.88$, RMSE = 1.738, $P < 0.0001$.

Habitat Percent:

- Urban: 0.5
- Vineyard: 2.0
- Row Crop: 5.0
- Rangeland/Wild: 92.5

Prairie Falcon - Habitat Use:

- Map showing habitat use of prairie falcons.
- Legend indicating different habitat types.

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CCRC Fall 2016 Meeting
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Golden Eagle Tracking

Golden Eagle Nest & 44 Squirrels

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