Nine days, ten states, 4,300 miles:

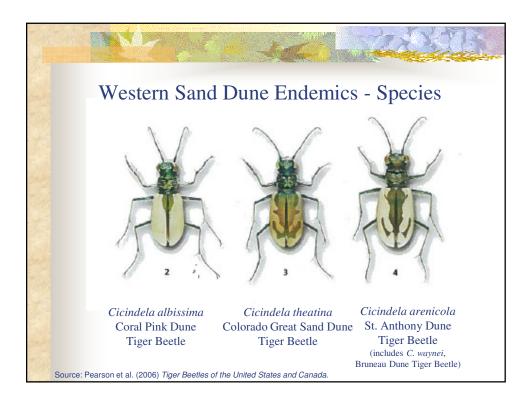
My peripatetic quest for North America's rarest tiger beetles

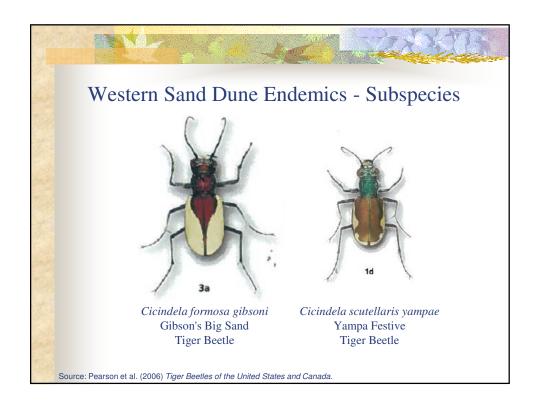
> Ted C. MacRae WGNSS Entomology Meeting – January 2012

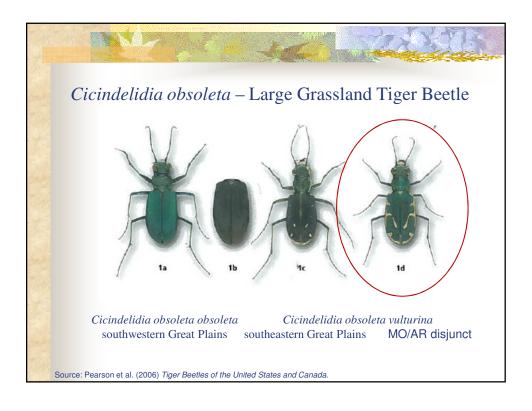
2011 Annual Fall Tiger Beetle Trip B - Calico Rock north-central Arkansas

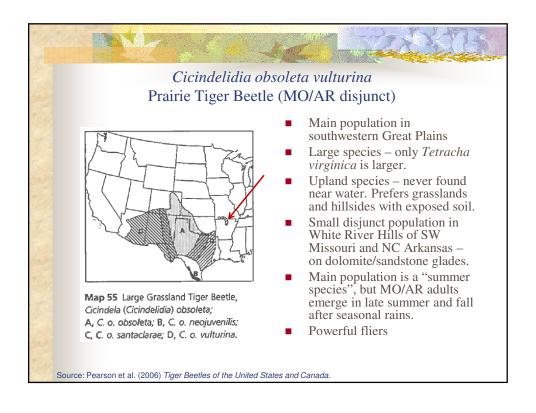
- E Yampa Valley northwestern Colorado
- F St. Anthony Dune southeastern Idaho
- G Bruneau Dune southwestern Idaho
- H Clover Reservoir northwestern Utah
- I Coral Pink Sand Dune southwestern Utah
- J Great Sand Dune south-central Colorado
- L Beaver Sand Dune northwestern Oklahoma
- M Glass Mountains northwestern Oklahoma

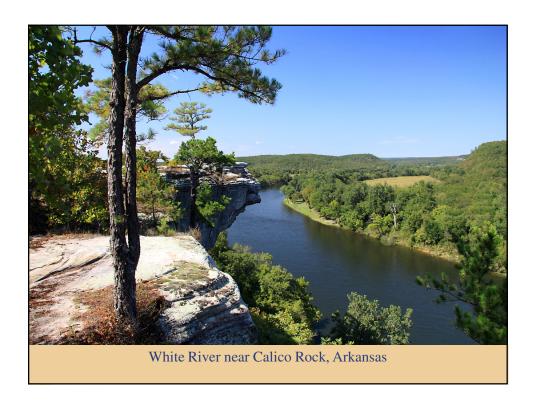


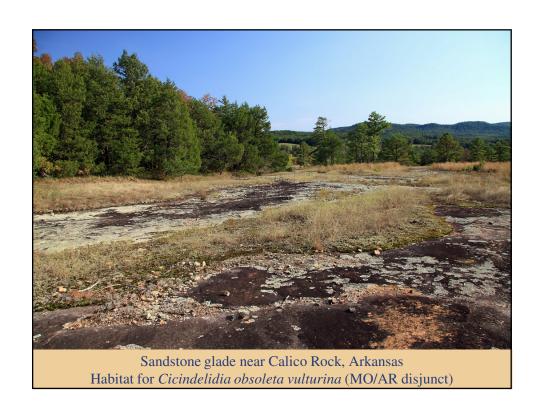






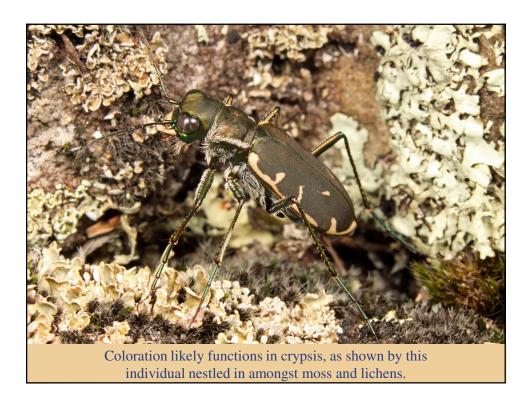




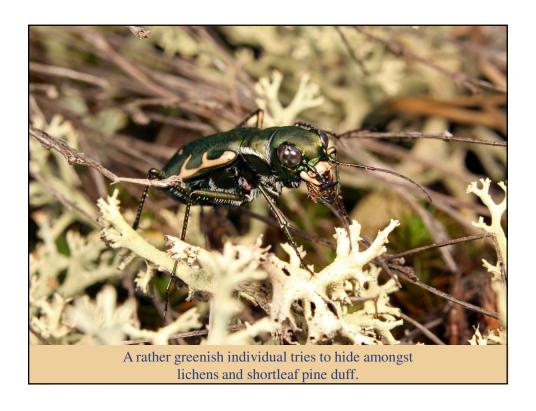


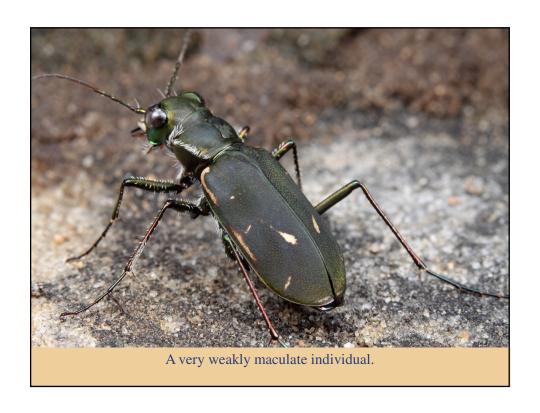


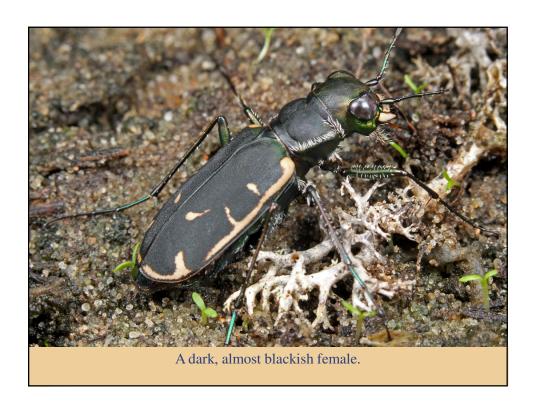




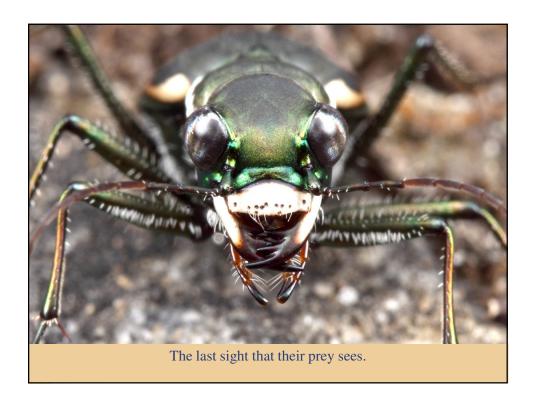


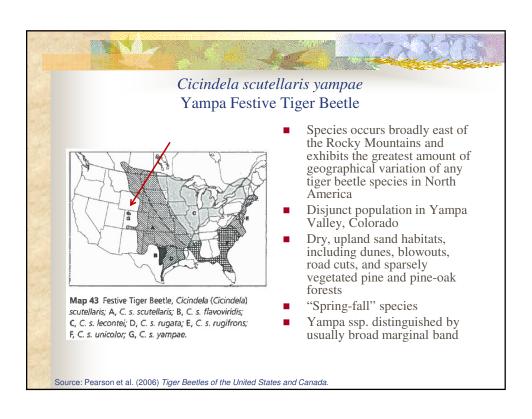


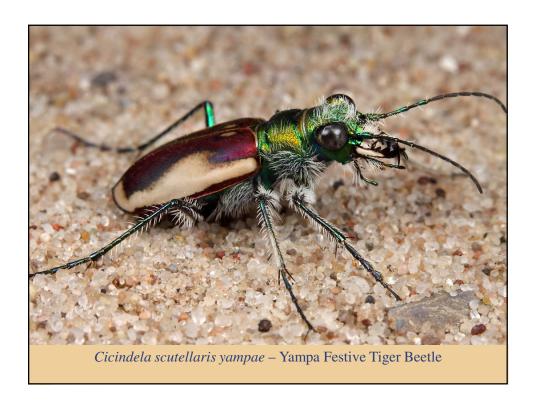


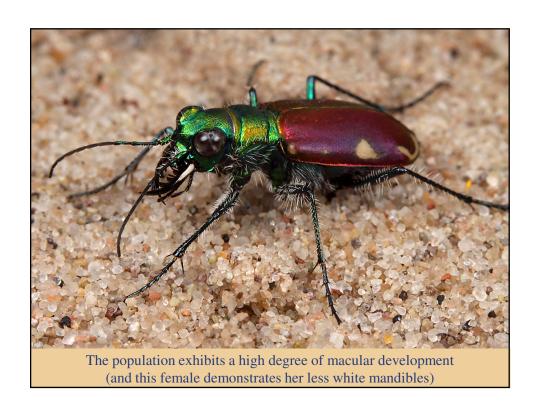












Cicindela formosa gibsoni Gibson's Big Sand Tiger Beetle

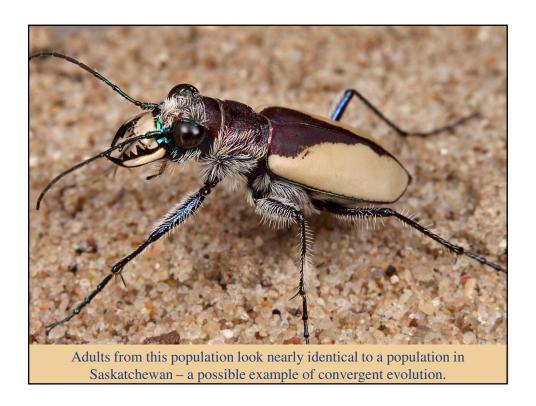


Map 27 Big Sand Tiger Beetle, Cicindela (Cicindela) formosa; A, C. f. formosa; B, C. f. generosa; C, C. f. gibsoni; D. C. f. pigmentosignata; E, C. f. rutilovirescens.

- Species occurs broadly east of the Rocky Mountains in many of the same areas as the Festive Tiger Beetle (missing from the southeastern Coastal Plain)
- Disjunct population in Yampa Valley, Colorado
- Dry, upland sand habitats, including dunes, blowouts, and road cuts, declining as vegetation increases
- "Spring-fall" species
- Elytral maculations fused and nearly covering elytra
- Large tiger beetle, often preys upon smaller species

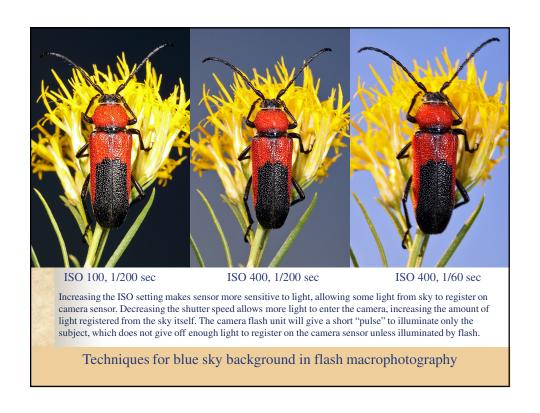
Source: Pearson et al. (2006) Tiger Beetles of the United States and Canada.

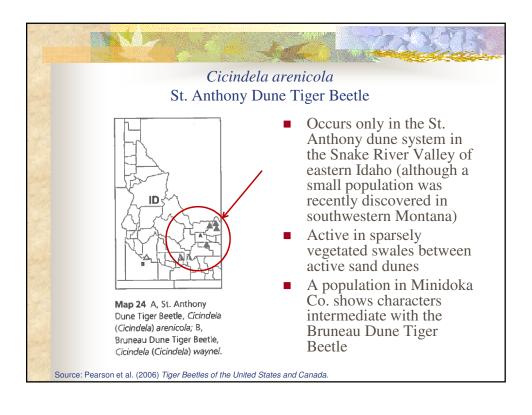


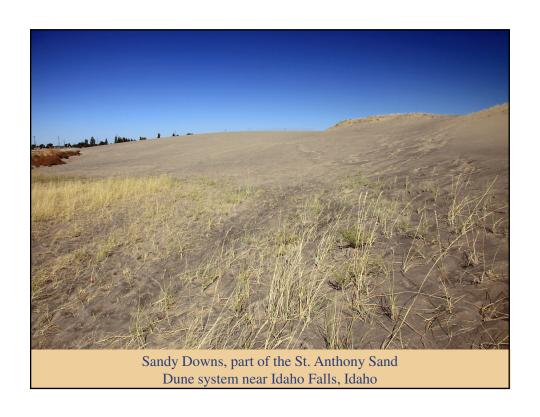


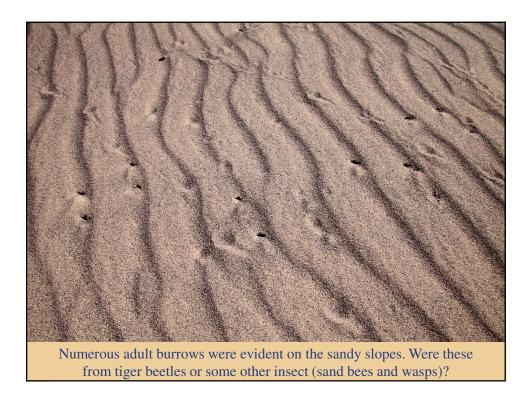


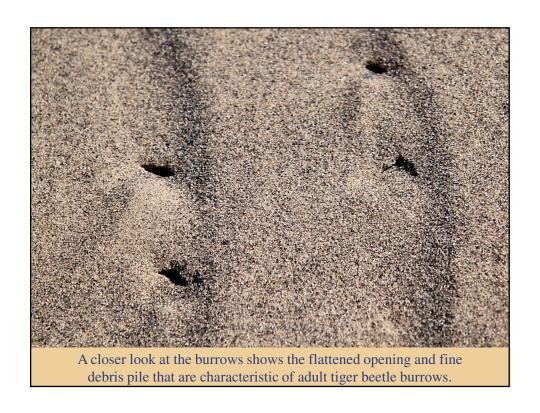


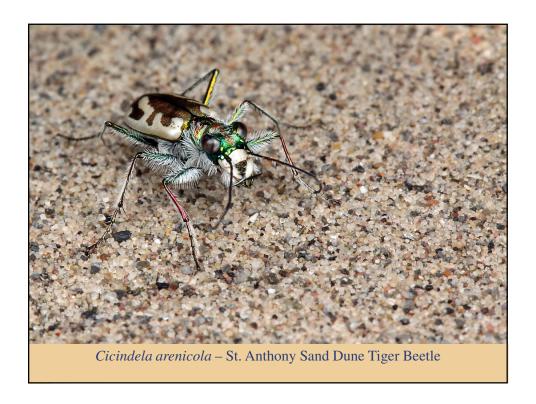




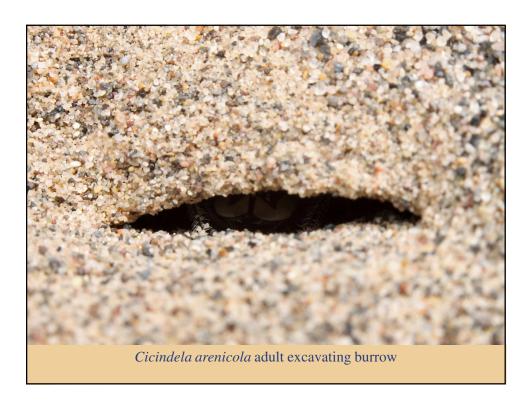


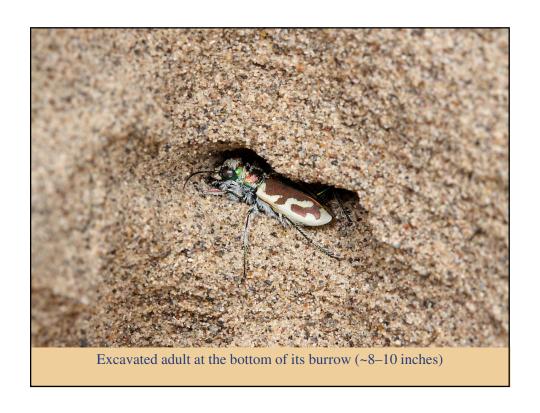




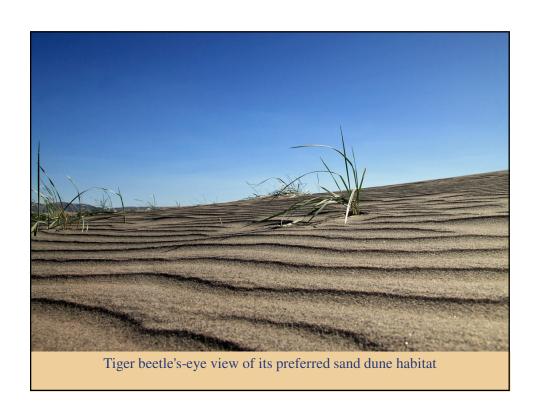




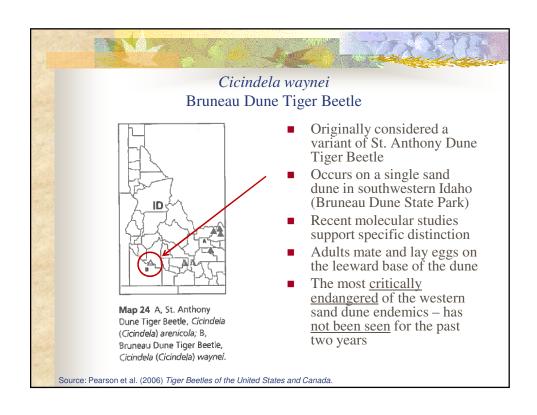


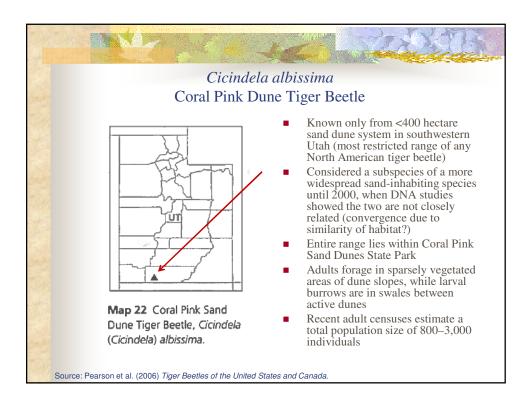






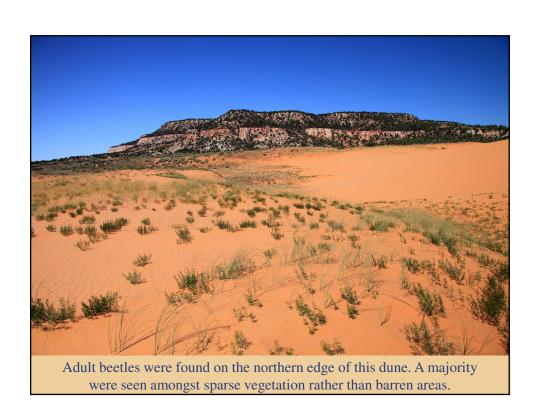


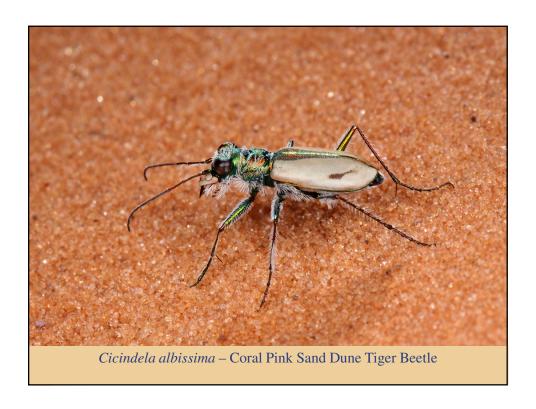


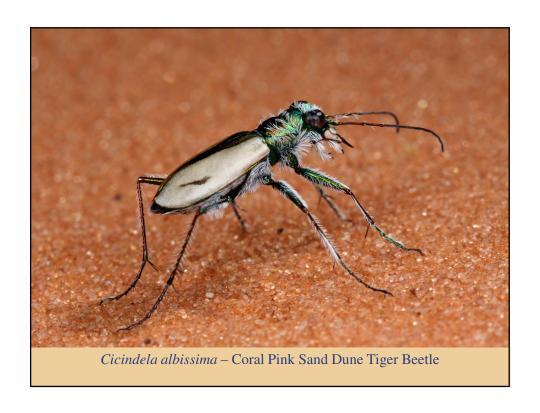


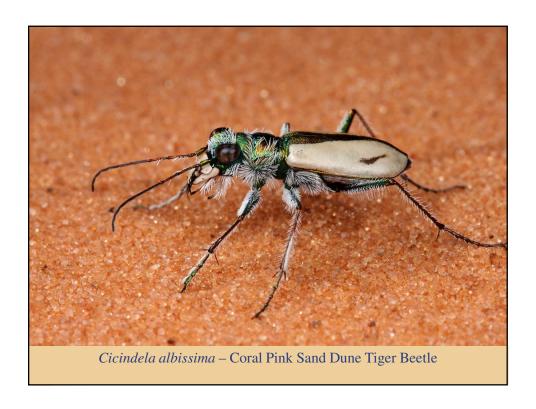


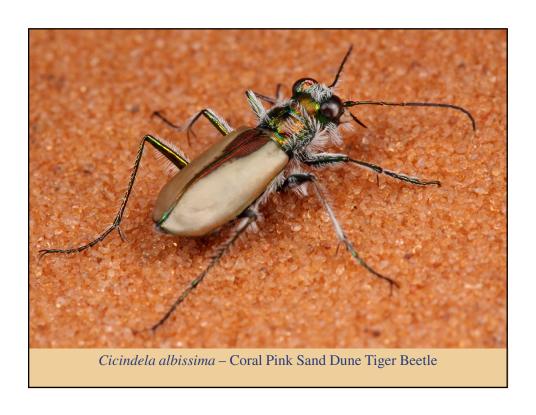


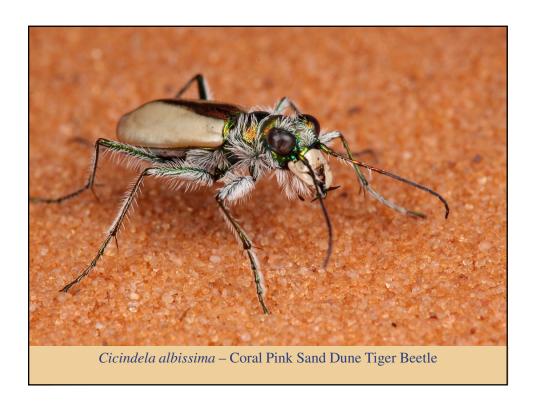


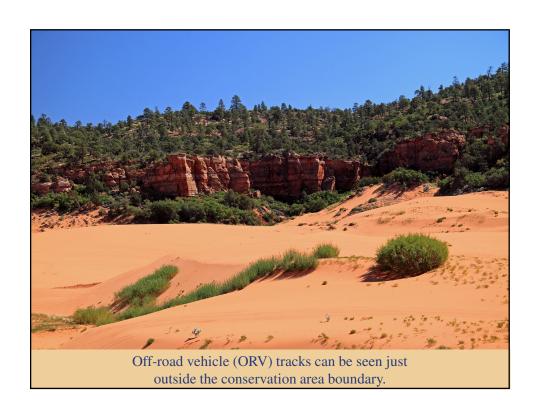


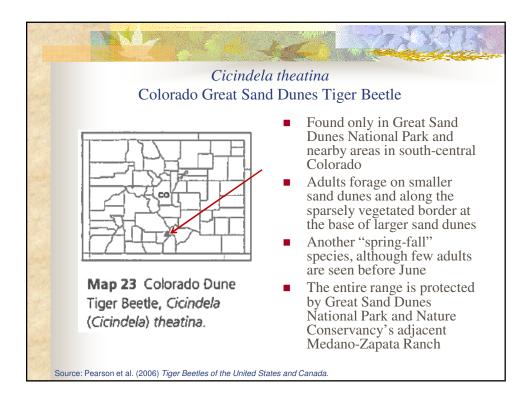


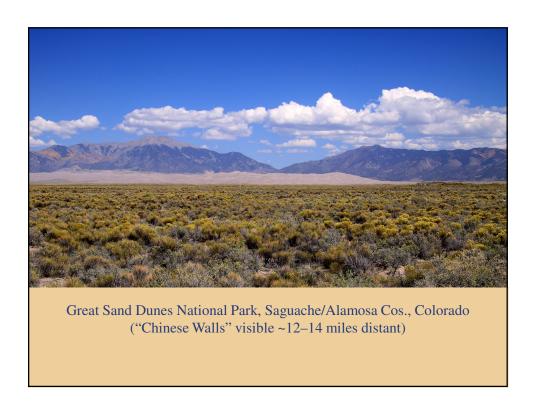


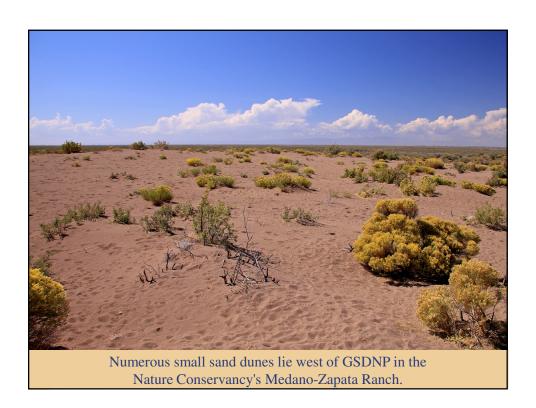


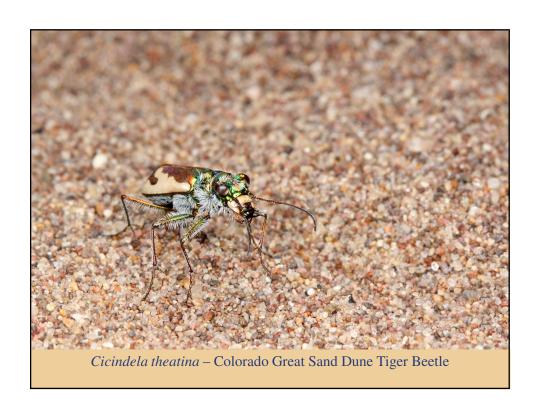


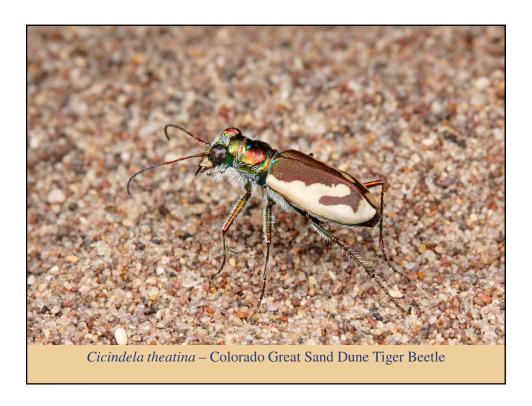


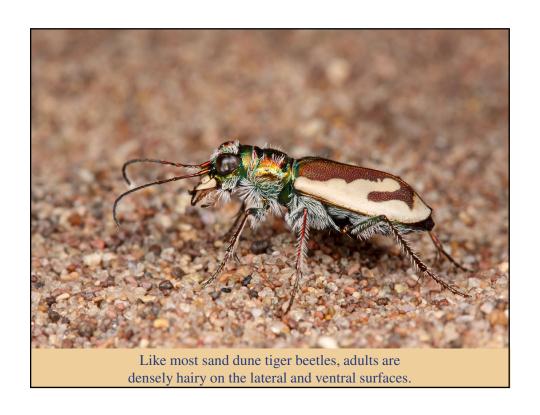


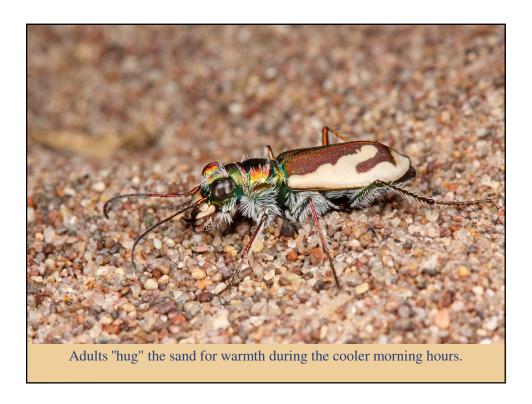














Acknowledgments

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