

## FIGHTING FOR SURVIVAL

### Sagebrush Sea Butterflies



Carson Valley Silverspot (males)  
Photo © Monte Sanford



Mono Basin Skipper (female)  
Photo © Jim Brock

### SENSITIVE BUTTERFLIES

The many, varied habitats in the Sagebrush Sea support a plethora of butterflies. WildEarth Guardians has identified ten butterflies in the Great Basin that need protection under the Endangered Species Act due to their small populations, restricted range, and susceptibility to habitat threats.

- Baking Powder Flat Blue Butterfly (*Euphilotes bernardino minuta*)
- Bleached Sandhill Skipper (*Polites sabuleti sinemaculata*)
- Carson Valley Silverspot (*Speyeria nokomis carsonensis*)
- Carson Valley Wood Nymph (*Cercyonis pegala carsonensis*)
- Mattoni's Blue Butterfly (*Euphilotes pallescens mattonii*)
- Mono Basin Skipper (*Hesperia uncas giulianii*)
- Railroad Valley Skipper (*Hesperia uncas fulvapalla*)
- Railroad Valley Skipper (*Hesperia uncas reeseorum*)
- Steptoe Valley Crescentspot (*Phyciodes cocyta arenacolor*)
- White River Valley Skipper (*Hesperia uncas grandiosa*)

### KNOW YOUR BUTTERFLIES

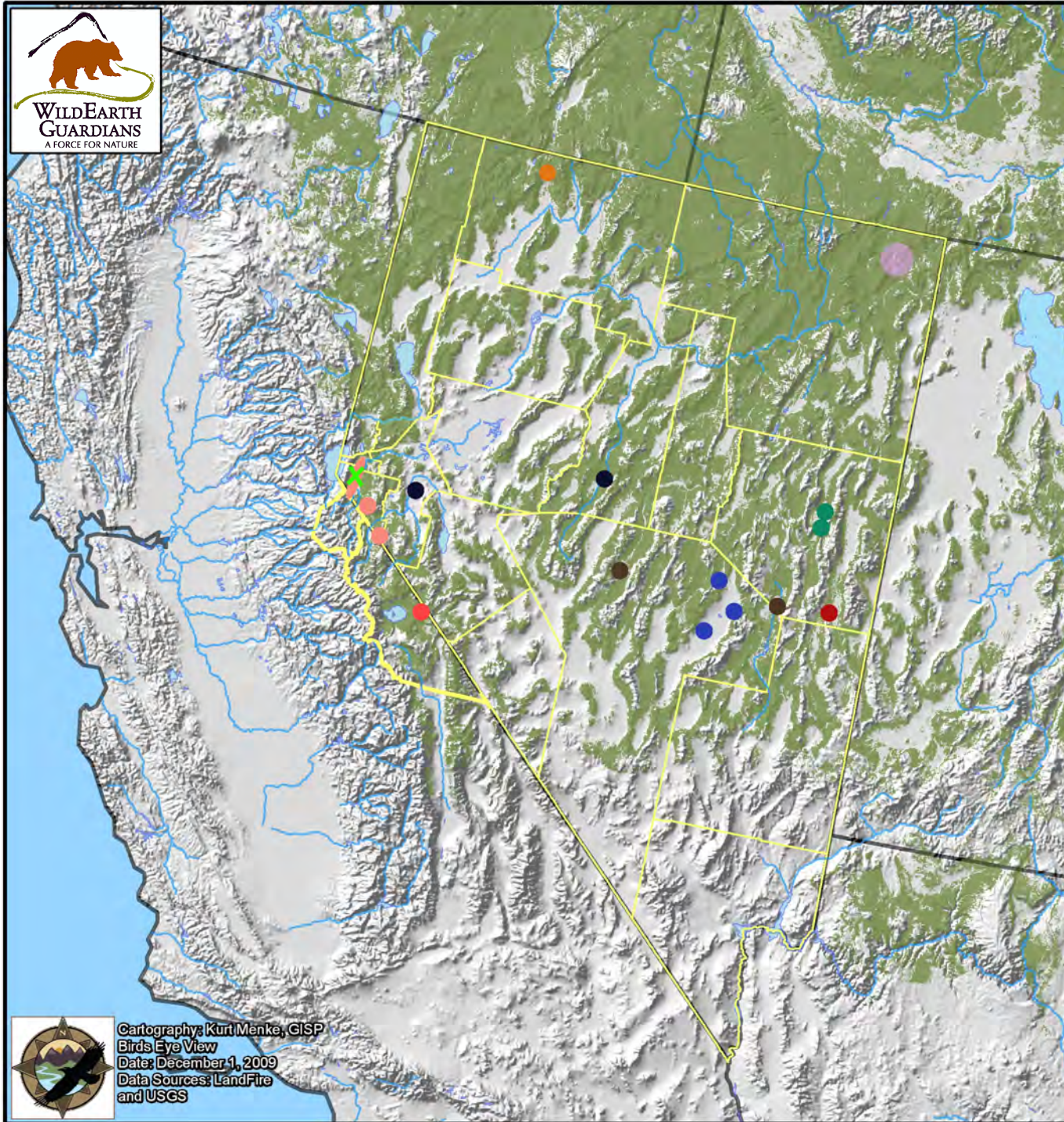
- Indigenous Inhabitants: many butterflies in the Great Basin are found in only one or a few locations and nowhere else.
- Unwavering Loyalty: some butterflies may depend on a single plant species to lay their eggs and serve as larval hosts.
- Sleeping Beauties: butterfly pupae may remain in the pupal stage for years while waiting for the right conditions to emerge as butterflies.

### SAGEBRUSH SEA STAT

Climate change and water development represent long-term threats to Sagebrush Sea butterflies and other species.







# Imperiled Butterflies in the Sagebrush Sea

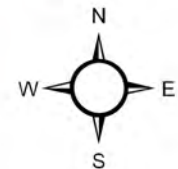
- Baking Powder Flat blue
- Bleached sandhill skipper
- Carson Valley silverspot
- ✕ Carson Valley wood nymph
- Mattoni's blue
- Mono Basin skipper
- Steptoe Valley crescentspot
- Railroad Valley skipper *fulvapalla*
- Railroad Valley skipper *reeseorum*
- White River Valley skipper

 Sagebrush Sea

 Counties

 Major Rivers

 Major Lakes



Cartography: Kurt Menke, GISP  
Birds Eye View  
Date: December 1, 2009  
Data Sources: LandFire  
and USGS