

# CLAYTON'S COPPER MANAGEMENT ISSUES AND CONCERNS

*Raised by Working Group March 28, 2001*

## **Habitat**

- Prime butterfly habitat may be at risk for flooding because of dam replacement – “precautionary principal”
- Need more information on sites besides Dwinal.
- Need to identify areas where cinquefoil can do well, protect these areas, and allow Clayton's copper to occupy these sites.

## **Research Needs**

- Need to assess genetics from the species and metapopulation perspective
- Need to assess how Clayton's copper responds to populations of cinquefoil. Why are they butterflies in some areas and not others?
- How does shrubby cinquefoil respond to climate, soil types, changes in hydrology, etc.
- Need to understand the role of disturbance and how cinquefoil responds to disturbance.
- Need to understand dispersal potential of Clayton's copper.