

Bat Surveys of Mines near Planet Ranch

Funding provided by LCR MSCP grant to Maturango Museum

ROOST SURVEY GOALS

- To monitor and census colonial bat roosts, with emphasis on LCR MSCP covered and indicator species
- To identify potential species-specific threats to bat roost sites
- To assist in the protection of critical roosts

Internal Surveys







Townsend's Big-eared Bat



Alice Mine, Riverside Mountains

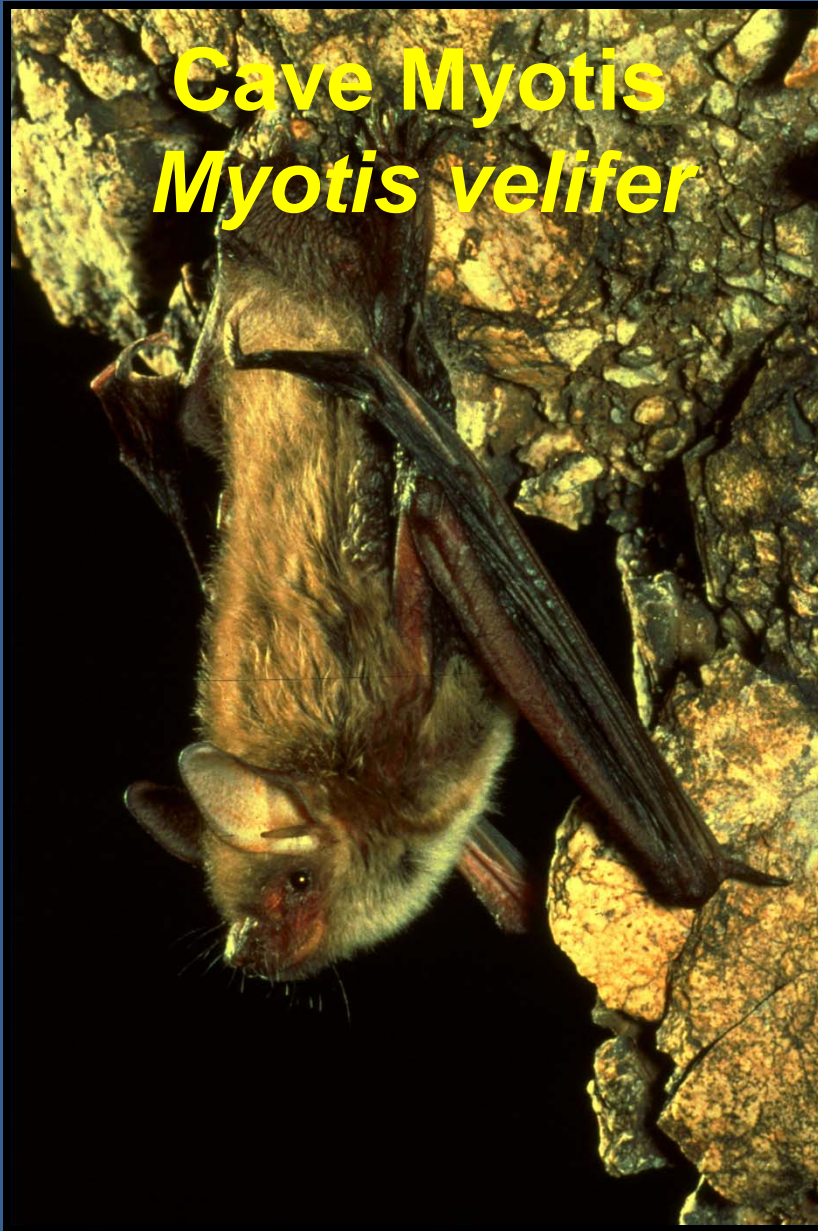


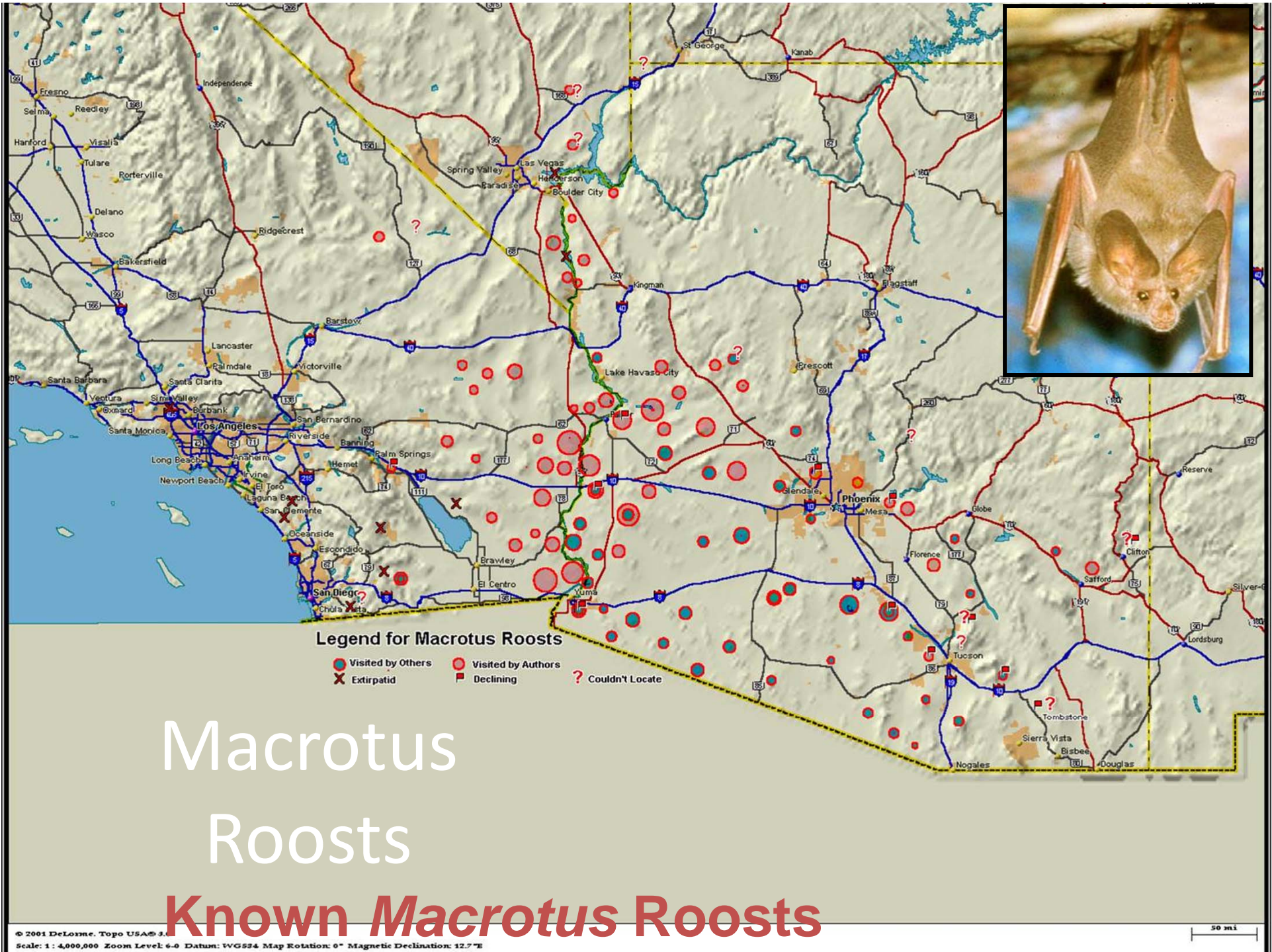
Historically large colonies in abandoned mines along the Colorado River

Foraged in cottonwood riparian

Marked declines attributable to loss of cottonwood riparian and roost disturbance

Cave Myotis
Myotis velifer

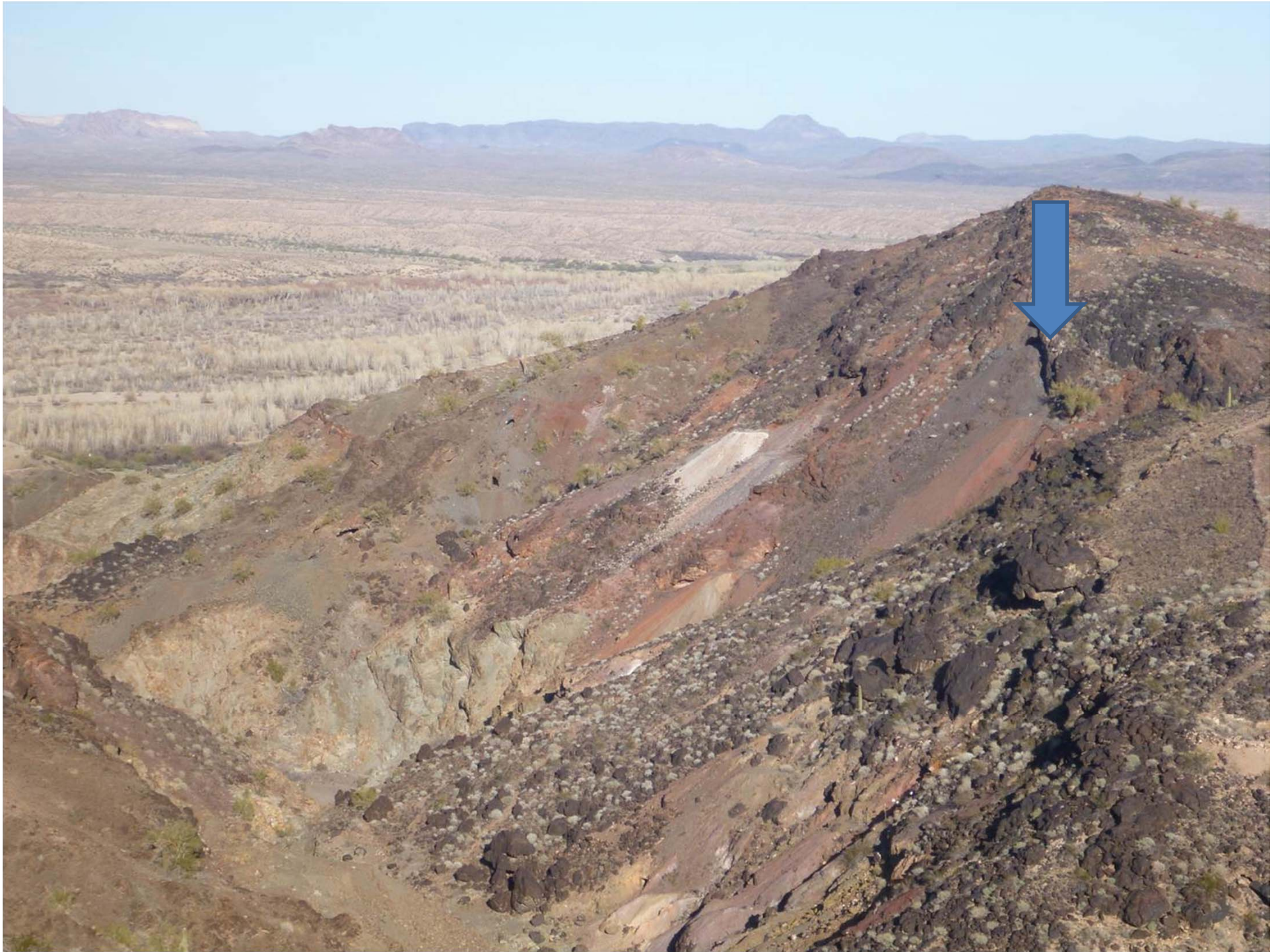








Banded Macrotus released



Great Central Mines





War Eagle Mine

















Very Preliminary Results

- In December 1993, over 1,200 *Macrotus* roosted in mines near Planet Ranch.
- In January 2012, 722 bats were counted roosting in the same mines.
- In September 2011, more mines had cave myotis roosting than in 1994.
- Townsend's big-eared bats are still present in the War Eagle, and better census next summer.

More Results Next Year

