Riverside County

Orange County

San Diego County

Imperial County

Pacific Ocean

MEXICO

California

Salton Sea

Anaheim

Santiago Reservoir (Irvine Lake)

Seal Beach

Newport Beach

Dana Point

Lake Mathews

Perris

Hemet

Canyon Lake

Lake Elsinore

Santa Rosa Plateau

Diamond Valley Lake

Skinner Reservoir

Murrieta

Vail Lake

Temecula

Aguanga

Camp Pendleton

Fallbrook

Palomar Mtn. Area

Bonsall

Borrego Springs

Lake Henshaw

Oceanside

Carlsbad

Encinitas

Escondido

Lake Hodges

Ramona

Julian

Del Mar

Poway

San Vicente Reservoir

El Capitan Reservoir

Miramar

La Jolla

Alpine

Loveland Reservoir

San Diego

Sweetwater Reservoir

Barrett Lake

Morena Reservoir

Point Loma

Chula Vista

Otay Reservoir

Jacumba

Imperial Beach

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DRAFT

UNITED STATES
Department of the Interior
U.S. Fish and Wildlife Service
Carlsbad, California

DATA SOURCES:
BASE DATA - Teale Data Center, Sandag, ESRI, USFWS, USFS, and Riverside County GIS

QUINO DATA - Year 2000 Quino Recovery Areas USFWS based on biological staff input, data compiled from the above Base Data Sources.

Map prepared by Edwin Turner
27 December 00

Figure 2

Quino Checkerspot Recovery Units with Observations

20 0 20 40 Miles

20 0 20 40 60 Kilometers

50000 0 50000 100000 150000 Feet

Recovery Units contain lands both essential and not essential to the long-term conservation of the Quino Checkerspot.

Quino Data Locations and Recovery Units

- 1890 - 1980
- 1981 - 1990
- 1991 - 1997
- 1998 - 2000

- Northwest Riverside
- Southwest Riverside
- South Riverside
- South Riverside / North San Diego
- Southwest San Diego
- Southeast San Diego