Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95811
Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov

For Office Use Only

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 03/19/2009

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Astragalus insularis var. harwoodii*

Common Name: Harwood's milkvetch

Species Found? ☑ Yes ☐ No _____ If not, why?

Total No. Individuals 21 Subsequent Visit? ☐ yes ☑ no

Is this an existing NDDB occurrence? _____ Yes, Occ. # ☑ no ☐ unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Alice Karl, Ph.D.
Address: P.O. Box 74006
Davis, CA 95617
E-mail Address: heliophile@mindspring.com
Phone: (530) 304-4121

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

_____ # adults _____ # juveniles _____ # larvae _____ # egg masses _____ # unknown

☐ wintering ☐ breeding ☐ nesting ☐ rookery ☐ burrow site ☐ other

Location Description ***(please attach map AND/OR fill out your choice of coordinates, below)***

County: Riverside Landowner / Mgr.: BLM

Quad Name: Ford Dry Lake and McCoy Spring Elevation: Approx. 380 ft

T____ R____ Sec ____, ____ ¼ of _____¼, Meridian: H☐ M☐ S☐ Source of Coordinates (GPS, topo. map & type): GPS

T____ R____ Sec ____, ____ ¼ of _____¼, Meridian: H☐ M☐ S☐ GPS Make & Model Various Garmin models

DATUM: **NAD27** ☐ **NAD83** ☑ **WGS84** ☐ Horizontal Accuracy Approximately 10m meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☑ ***OR*** Geographic (Latitude & Longitude) ☐

Coordinates: 681392E/3726850N; 686168E/3725597N; 686361E/3725761N; 688626E/3725563N; 689538E/3723643N; 689569E/3723024N; 689776E/3723787N; 689804E/3723585N; 689850E/3724283N, etc

Habitat Description (plants & animals) *plant communities, dominants, associates, substrates/soils, aspects/slope:*
Animal Behavior *(Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):*

Twenty-one individuals found at fifteen locations between 3/19/09 and 4/13/09. Primarily found in Sonoran Creosote Bush Scrub and Stabilized and Partly-Stabilized Sand Dunes. One individual was found in a Playa adjacent to the above plant community types. Two individuals were found in a sandy wash bed, within a Creosote Bush Scrub plant community. Dominant plant species include creosote (Larrea tridentata) and white bur-sage (Ambrosia dumosa). Aspect is generally SW with an average slope of 1-3%.
Additional coordinates: 689860E/3723765N; 689875E/3724364N; 689893E/3724205N; 689907E/3724189N; 689926E/3724447N; 689966E/3724606N.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☑ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Off-road vehicle use

Threats: Development

Comments:

Determination: *(check one or more, and fill in blanks)*

☑ Keyed (cite reference): The Jepson Desert Manual: Vascular Plants of Southeastern CA.
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☑ By another person (name): Tim Thomas, 760-242-8480
☐ Other: _____

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? yes ☐ no ☐