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Re:	Special-Status Plant Survey Update for the McKim Lincoln Meadows Project
Date:	6/14/2016
From:	Bruce D. Barnett, Ph.D. – Barnett Environmental
To:	Nick Pappani – Raney Planning and Management, Inc.

INTRODUCTION

Monk & Associates' recommended in their April 20, 2016 peer review of the Barnett Environmental's (2/16/16) *Biological Resources Assessment of the Lincoln Meadows Project* that: "special-status plant surveys should be conducted on the project site this year to determine if any plant species emerge that may not have come up in past survey years. 2016 surveys would also bring the existing surveys into conformance with the CDFW's 2009 survey protocol requirement that: '*habitats, such as grasslands or desert plant communities that have annual and short-lived perennial plants as major floristic components may require yearly surveys to accurately document baseline conditions for purposes of impact assessment.*"

Barnett Environmental has therefore updated ECORPS 2006 special-status plant survey for this approximately 40-acre McKim Lincoln Meadows Study Area (APN 021-231-018-000) north of Virginiatown Road and west side of Hungry Hollow Road in the City of Lincoln in Placer County, California (Figure 1). It includes portions of Sections 11 and 12 of Township 12 North, Range 6 East of the Lincoln, California 7.5-minute USGS quadrangle.

For the purpose of the report, special status plant species are those that fall into one or more of the following categories:

- Listed as endangered or threatened under the federal Endangered Species Act (or formally proposed for listing), Listed as endangered or threatened under the California Endangered Species Act (or proposed for listing),
- Designated a Species of Concern by the Sacramento District of the U.S. Fish and Wildlife Service,
- Designated as rare, protected, or fully protected pursuant to California Fish and Game Code,
- Designated a Species of Concern by the California Department of Fish and Game,
- Defined as rare or endangered under the California Environmental Quality Act (CEQA), or

• Occurring on List 1 or 2 maintained by the California Native Plant Society.

METHODOLOGY

Before conducting the special-status plant field survey, we queried the California Department of Fish & Wildlife's online <u>Natural Diversity Database (RareFind 5)</u> for a list of special status plant species known to occur in the Lincoln USGS 7.5' quadrangle maps, reviewed lists of special status species in Placer County maintained by the U.S. Fish and Wildlife Service (USFWS 2015), as well as, the <u>Status of Rare,</u> <u>Threatened, and Endangered Animal and Plants of California 2000-2004</u> by the California Department of Fish and Wildlife , and queried the California Native Plant Society's online <u>Inventory of Rare & Endangered Plants in California</u> (CNPS 2015).

Barnett biologists conducted the special status plant survey in accordance with the guidelines set by the U.S. Fish and Wildlife Service (USFWS 2000), California Department of Fish and Wildlife (CDFG 2009), and the California Native Plant Society (CNPC 2001). The survey was performed during the optimal blooming period for the listed special-status plant species with the potential to occur within the Study Area on April 30, 2016. During the survey, we traversed the entire Study Area on foot and recorded any observations of plant species and the suitability of habitat types on site and on immediately adjoining areas that may support special status plant species occurring in the surrounding region.

RESULTS AND DISCUSSION

The property consists of gently rolling to nearly level terrain dominated by open grassland habitat. The dominant vegetative cover consists of annual grassland; a single valley oak (*Quercus lobata*) that occurs along the southern boundary, and tree and shrub cover consisting of a very small number of adventive species including black locust (*Robinia pseudoacacia*) and Himalayan blackberry (*Rubus armeniacus*). Embedded in the grassland habitat is a mosaic of wetland habitats consisting of numerous swales and depressional features that support vegetative assemblages strongly allied with vernal pool habitats. An irrigation ditch traverses the property along an approximate southwest-to-northeast axis. A complete list of vascular plant species observed during the April 2016 floristic survey is provided in Attachment A.

<u>General Habitat Description</u> – Annual grasslands are characterized by the presence of non-native annual and biennial grasses and broad-leaved plants that typically undergo frequent disturbance regimes (e.g., discing, grazing, spraying, grading, mowing); perennial plants are largely absent. Dominant non-native grasses observed on the property included medusahead (*Elymus caput-medusae*), soft chess (*Bromus hordeaceus*), rip-gut brome (*Bromus diandrus*), slender oat (*Avena barbata*) and hare barley (*Hordeum murinum* spp. *leporinum*). Dominant non-native broad-leaved plants observed included rose clover (*Trifolium hirtum*), hawkbit (*Leontodon saxatilis* ssp. *longirostris*), vetch (*Vicia* sp.), sheep sorrel (*Rumex acetosella*), smooth cat's-ear (*Hypochaeris glabra*) and filaree (*Erodium botrys*).

Commonly observed native forbs (i.e., wildflowers) included a number of monocots such as brodiaea (*Brodiaea* sp.), narrowleaf soap plant (*Chlorogalum angustifolium*), yellow mariposa lily (*Calochortus luteus*), blue dicks (*Dichlostemma* spp.) and hyacinth brodiaea (*Triteleia hyacinthina*). Other native forbs observed included Spanish clover (*Acmispon americanus* var. *americanus*), royal larkspur (*Delphinium variegatum* ssp. *variegatum*), purple navarretia (*Navarretia pubescens*) and purple clarkia (*Clarkia purpurea*). The only native grass observed in moderate frequency and distribution throughout the annual grasslands was small fescue (*Festuca microstachys*).

There are a number of low-gradient swale features throughout the property that were largely dominated by various species of graminoids (i.e., grasses and grass-like plants) including medusahead, perennial rye grass (*Festuca perennis*), rattail fescue (*Festuca myuros*), little rattlesnake grass (*Briza minor*), Mediterranean barley (*Hordeum marinum* ssp. gussoneanum), annual bluegrass (*Poa annua*), common spikerush (*Eleocharis macrostachya*), leafybract dwarf rush (*Juncus capitatus*) and toad rush (*Juncus* sp.). Native and non-native broad-leaved plants included hawkbit, coyote-thistle (*Eryngium* sp.), Carter's buttercup (Ranunculus bonariensis var. trisepalus), hairy purslane speedwell (*Veronica peregrina* ssp. *halapensis*), white meadowfoam (*Limnanthes alba* spp. *alba*), little hop-clover (*Trifolium dubium*), English plantain (*Plantago lanceolata*) and various species of dock (*Rumex* sp.).

A number of vernal pools occur throughout the property. While the majority of them are shallow and pond water for only short periods during the rainy season, nearly all support vegetative assemblages that contain a number of hydrophytic species considered either endemic (i.e., restricted) or strongly allied to this habitat type. Hydrophytic graminoids observed included common spikerush, leafybract dwarf rush, toad rush, medusahead, Mediterranean barley, low manna grass (*Glyceria declinata*), silver hairgrass (*Aira caryophyllea*), and annual hairgrass (*Deschampsia danthanioides*); forbs observed included coyote-thistle, Carter's buttercup, white meadowfoam, hyssop loosestrife (*Lythrum hyssopifolia*), stalked popcornflower (*Plagiobothrys stipitatus* var. *micranthus*), whiteheaded navarretia (*Navarretia leucocephala* ssp. *leucocephala*), calicoflower (*Downingia* sp.), Fremont's goldfields (*Lasthenia fremontii*), woollyheads (*Psilocharpus* sp.), Sacramento mesamint (*Pogogyne zizyphoroides*), vernal pool Indian paintbrush (*Castilleja campestris* ssp. *campestris*), and bractless hedgehyssop (*Gratiola ebracteata*).

The irrigation ditch that traverses the property along an approximate southwest-to-northeast axis was largely devoid of aquatic vegetation and is likely periodically excavated for maintenance purposes. The dominant hydrophyte within the channel was a species of water plantain (*Alisma* sp.). Where subsurface leakage occurs, vegetation growing along the edges of the irrigation ditch supported stands of graminoids including common spikerush, various species of rush (*Juncus* sp.), perennial rye grass, barnyard grass (*Echinochloa crusgalli*), Bermuda grass (*Cynodon dactylon*) and annual beardgrass (*Polypogon monspeliensis*). Broad-leaved plants observed included curly dock (*Rumex crispus*).

Rare Plant Survey Results – We and ECORP (2006) determined that six (6) special status plant species – Boggs lake hedge-hyssop (*Gratiola heterosepala*), dwarf downingia (*Downingia pusilla*), Ahart's dwarf rush (*Juncus leiospermus var. ahartii*), big-scale balsamroot (*Balsamorhiza macrolepis*), pincushion navarretia (*Navarretia myersii ssp. myersii*), and legenere (*Legenere limosa*) – could potentially occur with the Study Area or vicinity (Attachment C). However, like ECORPS determinate-level special status species survey in 2006, no species-status plant species were observed within or adjacent to the Lincoln Meadows Study Area during our comprehensive protocol-level floristic survey conducted on April 30, 2016. The results concur with the CNDDB and the CNPS research resulting in no previously documented occurrences of special-status plant species within or adjacent to the project site. According to the CNDDB results, the nearest special status species occurrence is of the pincushion navarretia (*Navarretia myersii ssp. myersii*), located 1.3 miles west of the project area.

Attached to this memo, please find:

- Attachment A Plant Species Observed on April 30, 2016
- Attachment B Site Photos of Floristic Survey
- Attachment C California Natural Diversity Database (CNDDB) Report

Attachment A

Project:

Date: Botanist:

Nomenclature follows The Jepson Manual, 2nd Ed., 2012 *denotes naturalized species Scientific Name

Section - Eudicots

Alismataceae

Alisma (lanceolatum)*

Apiaceae

Anthriscus caucalis* Eryngium (vaseyi) Sanicula bipinnatifida

Asteraceae

1 Stel accae
Baccharis pilularis
Bidens frondosa
Carduus pycnocephalus*
Centaurea solstitialis*
Centromadia sp. (seedling)
Dittrichia graveolens* (dessicated stalks)
Grindelia camporum
Holocarpha virgata ssp. virgata
Hypochaeris glabra*
Lactuca (serriola)*
Lactuca (virosa)*
Lasthenia fremontii
Leontodon saxatilis ssp. longirostris*
Logfia gallica *
Micropis californicus var. californicus
Psilocarphus brevissimus var. brevissimus
Psilocarphus oregonus
Silybum marianum*
Sonchus asper*
Sonchus oleraceus *

Boraginaceae

Plagiobothrys greenei Plagiobothrys (nothofulvus) Plagiobothrys stipitatus var. micranthus

Brassicaceae

Raphanus sativus*

Lincoln Property Placer County, California 4/30/2016 Christopher Bronny

Water plantain Bur-chervil Coyote-thistle Purple sanicle

Common Name

Coyote brush Devil's beggarticks Italian thistle Yellow star-thistle Tarweed Stinkweed Great Valley gumplant Pitgland tarweed Smooth cat's-ear Prickly lettuce Wild lettuce Fremont's goldfields Hawkbit Narrowleaf cottonrose Slender cottonweed Woolly heads Oregon woollyheads Milk thistle Prickly sow-thistle Common sow-thistle

Greene's popcornflower Rusty popcornflower Stalked popcornflower

Wild radish

Campanulaceae Downingia bicornuta var. bicornuta Downingia ornatissima var. ornatissima

Caryophyllaceae

Cerastium glomeratum* Petrorhagia dubia* Silene gallica* Spergularia rubra*

Fabaceae Acmispon americanus var. americanus Acmispon sp. Lupinus bicolor Medicago polymorpha* Melilotus indicus* Robinia pseudoacacia* Trifolium dubium* Trifolium hirtum * Vicia villosa ssp. villosa* Vicia sativa ssp. sativa*

Fagaceae Quercus lobata

Gentianaceae *Cicendia quadrangularis*

Geraniaceae Erodium botrys* Geranium dissectum*

Hypericaceae *Hypericum perforatum**

Lamiaceae Mentha pulegium* Pogogyne zizyphoroides Trichostema lanceolatum

Limnanthaceae Limnanthes alba spp. alba

Linaceae Linum bienne*

Lythraceae Lythrum hyssopifolia* Doublehorn calicoflower Folded calicoflower

Mouse-ear chickweed Hairypink Windmill pink Red sandspurry

Spanish clover Lotus Miniature lupine California bur-clover Sour clover Black locust Little hop-clover Rose clover Hairy vetch Common vetch

Valley oak

Oregon timwort

Filaree Cut-leaf geranium

Klamathweed

Pennyroyal Sacramento mesamint Vinegarweed

White meadowfoam

Narrowleaf flax

Hyssop loosestrife

Myrsinaceae Anagallis arvensis*

Onagraceae *Clarkia purpurea Epilobium brachycarpum Epilobium cilatum Epilobium cleistogamum*

Orobanchaceae Castilleja attenuata Castilleja campestris ssp. campestris

Plantaginaceae Gratiola ebracteata Plantago erecta Plantago lanceolata* Veronica peregrina ssp. halapensis

Polemoniaceae Navarretia intertexta Navarretia leucocephala ssp. leucocephala Navarretia pubescens

Polygonaceae

Eriogonum (nudum) Persicaria sp. Polygonum aviculare spp. depressum* Rumex acetosella* Rumex crispus* Rumex pulcher *

Ranunculaceae Delphinium variegatum ssp. variegatum Ranunculus bonariensis var. trisepalus

Rosaceae Rubus armeniacus*

Rubiaceae Galium aparine Galium murale*

Section - Monocots

Agavaceae Chlorogalum angustifolium

Cyperaceae

Scarlet pimpernel

Purple clarkia Annual fireweed Willow-herb Selfing willowherb

Valley tassels Vernal pool Indian paintbrush

Bractless hedgehyssop California plantain English plantain Hairy purslane speedwell

Needleleaf navarretia Whiteheaded navarretia Purple navarretia

Buckwheat Smartweed Common knotweed Sheep sorrel Curly dock Fiddle dock

Royal larkspur Carter's buttercup

Himalayan blackberry

Common bedstraw Tiny bedstraw

Narrowleaf soaplant

Cyperus eragrostis Eleocharis macrostachya

Juncaceae

Juncus balticus var. ater Juncus bufonius var. bufonius Juncus bufonius var. occidentalis Juncus capitatus* Juncus effusus ssp. pacificus Juncus patens Juncus uncialis Juncus xiphioides

Juncaginaceae Triglochin scilloides

Liliaceae Calochortus luteus

Poaceae

Aira caryophyllea* Avena barbata* Briza minor* Bromus diandrus* Bromus hordeaceus* Cynodon dactylon* Deschampsia danthanioides Echinochloa crus-galli* Elymus caput-medusae* Festuca myuros* Festuca perennis* Glyceria declinata* Hordeum marinum ssp. gussoneanum* Hordeum murinum spp. leporinum* Poa annua* Polypogon monspeliensis* Stipa (pulchra)

Themidaceae

Brodiaea coronaria Brodiaea elegans spp. elegans Brodiaea nana Dichlostemma capitatum ssp. capitatum Dichlostemma multiflorum Triteleia hyacinthina Tall flatsedge Common spikerush

Baltic rush Toad rush Toad rush Leafybract dwarf rush Pacific rush Spreading rush Twelfth rush Iris-leaved rush

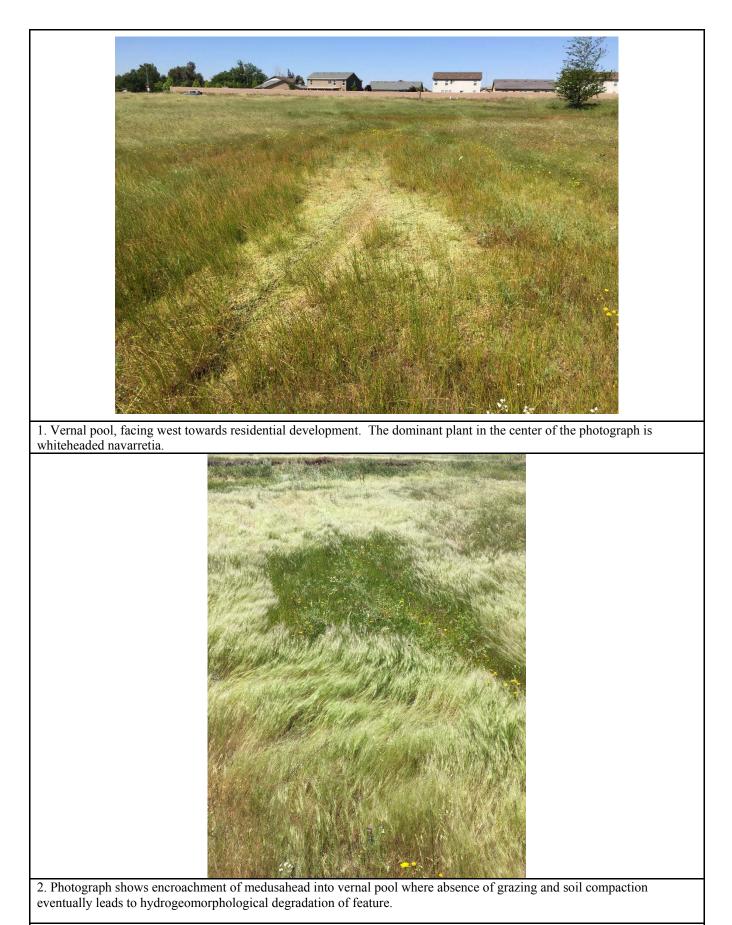
Flowering quillwort

Yellow mariposa lily

Silver hairgrass Wild oat Little rattlesnake grass Rip-gut brome Soft chess Bermuda grass Annual hairgrass Barnyard grass Medusahead Rattail fescue Perennial rye grass Low manna grass Mediterranean barley Hare barley Annual bluegrass Annual beardgrass Needlegrass

Garland brodiaea Harvest brodiaea Vernal pool brodiaea Blue dicks Wild hyacinth Hyacinth brodiaea Attachment B

SITE PHOTOGRAPHS



Barnett Environmental, Inc. Lincoln Property; April 2016





Attachment C



California Department of Fish and Wildlife



California Natural Diversity Database

Query Criteria: County IS (Placer)
br /> AND Quad IS (Gold Hill (3812182) OR Lincoln (3812183))
br /> AND Habitat IS (Valley & foothill grassland OR Vernal pool OR Wetland)

Map Index Number:	11633		EO Index:		25970
Key Quad:	Lincoln (381218	3)	Element Code:		ABNGA04010
Occurrence Number:	12		Occurrence Last U	pdated:	2005-03-03
Scientific Name: A	dea herodias		Common Name:	great blue	heron
Listing Status:	Federal:	None	Rare Plant Rank:		
	State:	None	Other Lists:	CDF_S-S	
CNDDB Element Ranks	: Global:	G5		IUCN_LC	-Least Concern
	State:	S4			
General Habitat:			Micro Habitat:		
COLONIAL NESTER IN SPOTS ON MARSHES.	TALL TREES, CL	IFFSIDES, AND SEQUESTERE			PROXIMITY TO FORAGING AREAS: FIDE-FLATS, RIVERS AND STREAMS, V
Last Date Observed:	1971-06-16		Occurrence Type:	Natural/N	Native occurrence
Last Survey Date:	1971-06-16		Occurrence Rank:	Excellent	t
Owner/Manager:	PVT		Trend:	Unknowr	1
Presence:	Presumed Extant	t			
Location:					
SOUTH BANK OF COO	N CREEK, ON TH	E CHAMBERLAIN RANCH, API	PROXIMATELY 4 MILES N	NW OF LIN	ICOLN.
Detailed Location:					
COLONY IS LOCATED AUDUBON "AREA OF C		-	APPROXIMATELY 150 YA	ARDS APA	RT. THIS AREA IS A DESIGNATED
Ecological:					
HABITAT CONSISTS O BLACKBERRY.	VALLEY OAKS	ALONG CREEK, SURROUNDE	D BY WHITE ALDER, OSA	GE-ORAN	GE, WILLOW, ELDERBERRY, AND
Threats:					
THREATS INCLUDE GF	AZING AND OTH	IER RELATED RANCHING ACT	IVITIES.		
General:					
68 ACTIVE NESTS PRE	SENT IN 1970. 61	1 ACTIVE NESTS PRESENT IN	1971.		
PLSS: T13N, R06E, S	ec. 29, NE (M)	Accuracy:	nonspecific area		Area (acres): 17
UTM: Zone-10 N4313	051 E645272	Latitude/Longitude:	38.95439 / -121.32345		Elevation (feet): 150
County Summary:		Quad Summary:			
Placer		Lincoln (3812183)			
Sources:					
ALD80A0001 ALDR	CH, E. ET AL. (S	ACRAMENTO AUDUBON) - SA IR PROTECTION, 1980-09-XX	CRAMENTO AUDUBON SO	OCIETY, A	REAS OF CRITICAL CONCERN AND



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	62632		EO Index:		62669
Key Quad:	ey Quad: Lincoln (3812183)		Element Code:		ABNKC19070
Occurrence Number:	1485		Occurrence Last Updated: 2005-09-21		2005-09-21
Scientific Name: B	uteo swainsoni		Common Name:	Swainsor	n's hawk
Listing Status:	Federal:	None	Rare Plant Rank:		
	State:	Threatened	Other Lists:	BLM_S-S	
CNDDB Element Ranks	s: Global:	G5		IUCN_LC	C-Least Concern _BCC-Birds of Conservation Concern
	State:	S3			
General Habitat:			Micro Habitat:		
	AS, SAVANNAH	TTERED TREES, JUNIPER-SAGE IS, & AGRICULTURAL OR RANC TREES.			ABLE FORAGING AREAS SUCH AS OR GRAIN FIELDS SUPPORTING RODE
Last Date Observed:	2003-07-01		Occurrence Type:	Natural/	Native occurrence
Last Survey Date:	2003-07-01		Occurrence Rank:	Unknow	'n
Owner/Manager:	UNKNOWN		Trend:	Unknow	'n
Presence:	Presumed Exta	ant			
Location:					
0.15 MILE NW OF THE	INTERSECTION	N OF JOINER PARKWAY WITH N	ICOLAUS ROAD, NW LINC	COLN.	
Detailed Location:					
Ecological:					
	EY OAK; SURR	OUNDED BY RESIDENTIAL TO T	HE SE AND GRASSLAND	IN ALL OT	THER DIRECTIONS.
Threats:					
General:					
ACTIVE NEST WITH 1	CHICK OBSER\	/ED ON 1 JUL 2003.			
PLSS: T12N, R06E, S	Sec. 09, SW (M)	Accuracy:	80 meters		Area (acres): 0
UTM: Zone-10 N430	6841 E646099	Latitude/Longitude:	38.89831 / -121.31524		Elevation (feet): 145
County Summary:		Quad Summary:			
Placer		Lincoln (3812183)			
i lacel					

RECORDS FROM 2000-2004. 2005-XX-XX



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	88289		EO Index:		89300	
Key Quad:	Lincoln (3812	ncoln (3812183) Element Code:			ABNKC19070	
Occurrence Number:	2114		Occurrence Last U	Occurrence Last Updated: 2013-03-15		
Scientific Name: B	uteo swainsoni		Common Name:	Swainso	n's hawk	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	Threatened	Other Lists:	BLM_S-S		
CNDDB Element Rank	s: Global:	G5			C-Least Concern _BCC-Birds of Conservation Cor	ncern
	State:	S3				
General Habitat:			Micro Habitat:			
	AS, SAVANNAH	TTERED TREES, JUNIPER-SAGI IS, & AGRICULTURAL OR RANC IREES.			ABLE FORAGING AREAS SUC OR GRAIN FIELDS SUPPORT	
Last Date Observed:	2009-04-22		Occurrence Type:	Natural/	Native occurrence	
ast Survey Date:	2009-04-22		Occurrence Rank:	Exceller	nt	
Owner/Manager:	PVT		Trend:	Unknow	'n	
Presence:	Presumed Exta	ant				
ocation:						
ALONG COON CREEK	ABOUT 1.2 MIL	ES W OF GLADDING RD AT FLE	MING RD AND 2.4 MILES	E OF HW	Y 65 AT NADER LN, SE OF SH	ERIDAN.
Detailed Location:						
APPED TO PROVIDE	D COORDINATE	ES.				
Ecological:						
		RIAN CORRIDOR DOMINATED I TTLE GRAZING CONDUCTED W				OD, WITH
Threats:						
General:						
		R 2009; NEST SUCCESS UNKNO ORRIDOR, PARTICULARLY TO		NSON'S H	AWKS WERE OBSERVED AT	OTHER
PLSS: T13N, R06E, S	Sec. 21, SW (M)	Accuracy:	80 meters		Area (acres):	0
JTM: Zone-10 N431	3821 E645920	Latitude/Longitude:	38.96121 / -121.31581		Elevation (feet):	140
		Quad Summary:				
County Summary:						
County Summary: Placer		Lincoln (3812183)				

BUM09F0001 BUMGARDNER, M. - FIELD SURVEY FORM FOR BUTEO SWAINSONI 2009-04-22



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	90039		EO Index:		91053	
Key Quad:	d: Lincoln (3812183) Element Code: ABN		ABNKC19070			
Occurrence Number:	2466		Occurrence Last U	Occurrence Last Updated: 2013-08-14		
Scientific Name:	Buteo swainsoni		Common Name:	Swainsor	n's hawk	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	Threatened	Other Lists:	BLM_S-S		
CNDDB Element Ranl	ks: Global:	G5			C-Least Concern BCC-Birds of Conservation Conce	ərn
	State:	S3				
General Habitat:			Micro Habitat:			
	EAS, SAVANNAH	TTERED TREES, JUNIPER-SAGI HS, & AGRICULTURAL OR RANC TREES.			ABLE FORAGING AREAS SUCH OR GRAIN FIELDS SUPPORTIN	
Last Date Observed:	2005-05-30		Occurrence Type:	Natural/	Native occurrence	
ast Survey Date:	2005-05-30		Occurrence Rank:	Unknow	n	
Owner/Manager:	PVT		Trend:	Unknow	n	
Presence:	Presumed Ext	ant				
Location:						
NORTH POND" AT RI	EDWING PRESE	RVE, ABOUT 1.4 MI SW OF RIOS	SA RD AT THOUSAND OAI	KS DR AN	D 2.6 MI SE OF THE SHERIDAN	PO.
Detailed Location:						
MAPPED TO LOCATIO	ON GIVEN IN 200	04 REPORT. ALONG THE NORTH	BORDER OF THE NORTH	H POND A	T THE PRESERVE.	
Ecological:						
NEST IN GOODDING	WILLOW ON 100	00-ACRE, GRASSLAND-DOMINA	TED PRESERVE.			
Threats:						
General:						
NESTING PAIR OBSE SUCCESSFUL NESTI	RVED DURING S	SPECIAL-STATUS BIRD SURVEY ON 28 JUL 2005; NESTING OUT	'S ON APRIL 30, 11 MAY, A COME UNCERTAIN.	AND 30 MA	AY 2005. NO HAWKS OR SIGNS	OF
PLSS: T13N, R06E,	Sec. 20, NE (M)	Accuracy:	80 meters		Area (acres):	0
JTM: Zone-10 N431	4428 E644706	Latitude/Longitude:	38.96688 / -121.32969		Elevation (feet):	130
County Summary:		Quad Summary:				
oounty ounnury.						
Placer		Lincoln (3812183)				

WIL05R0001 WILLIAMS, B. & A. CHATFIELD - SPECIAL-STATUS BIRDS OF REDWING PRESERVE, SHERIDAN, PLACER COUNTY 2005-08-10



California Department of Fish and Wildlife



Map Index Number:	76058		EO Index:		77058
Key Quad:	Gold Hill (3812182)		Element Code:		ABNME03041
Occurrence Number: 210			Occurrence Last U	pdated:	2009-08-03
Scientific Name:	aterallus jamaice	nsis coturniculus	Common Name:	California	a black rail
Listing Status:	Federal:	None	Rare Plant Rank:		
	State:	Threatened	Other Lists:	BLM_S-S	
CNDDB Element Rank	s: Global:	G3G4T1		_	P-Fully Protected I-Near Threatened
	State:	S1		NABCI_F	RWL-Red Watch List BCC-Birds of Conservation Concern
General Habitat:			Micro Habitat:		
		VET MEADOWS & SHALLOW BORDERING LARGER BAYS.			ABOUT 1 INCH THAT DO NOT FLUCTUA E VEGETATION FOR NESTING HABITAT.
Last Date Observed:	2005-04-11		Occurrence Type:	Natural/	Native occurrence
Last Survey Date:	2005-04-11		Occurrence Rank:	Unknow	n
Owner/Manager:	PVT		Trend:	Unknow	n
Presence:	Presumed Exta	nt			
Location:					
VICINITY OF COON CH	REEK, ABOUT 1.	9 MI EAST OF KILAGA SPRINGS	& 2.9 MI WSW OF BIG HI	LL. SPEAI	RS AND DIDION RANCH PARKS.
Detailed Location:					
		265 DEGREES FROM WETLAND GREES FROM THE STATION CO		RDINATES	PROVIDED FOR THE STATION. MAPPE
Ecological:					
VALLEY-FOOTHILL RI	PARIAN WETLA	ND HABITAT. VIRGINIA RAIL ALS	SO DETECTED FROM STA	TION #1.	
Threats:					
General:			PLAVBACK SLIPVEV		
General:	ED AT 8:55 AM	ON 11 APR 2005 DURING A RAI	ET LATBACK SORVET.		
General:		ON 11 APR 2005 DURING A RAII Accuracy:	80 meters		Area (acres): 0
General: 1 INDIVIDUAL DETECT PLSS: T13N, R07E, S					Area (acres): 0 Elevation (feet): 480
General: 1 INDIVIDUAL DETECT PLSS: T13N, R07E, S	Sec. 17, SE (M)	Accuracy:	80 meters		
General: 1 INDIVIDUAL DETECT PLSS: T13N, R07E, S UTM: Zone-10 N431	Sec. 17, SE (M)	Accuracy: Latitude/Longitude:	80 meters		



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	71650		EO Index:		72551
Key Quad:	ey Quad: Lincoln (3812183)		Element Code:		ABNSB10010
ccurrence Number: 1181			Occurrence Last U	pdated:	2008-07-07
Scientific Name: A	thene cunicularia	a	Common Name:	burrowing	g owl
Listing Status:	Federal:	None	Rare Plant Rank:		
	State:	None	Other Lists:	BLM_S-S	
CNDDB Element Rank	s: Global:	G4			SSC-Species of Special Concern C-Least Concern
	State:	S3			BCC-Birds of Conservation Concern
General Habitat:			Micro Habitat:		
		GRASSLANDS, DESERTS & OW-GROWING VEGETATION.			DEPENDENT UPON BURROWING , THE CALIFORNIA GROUND SQUIRREL.
Last Date Observed:	2008-04-29		Occurrence Type:	Natural/I	Native occurrence
Last Survey Date:	2008-04-29		Occurrence Rank:	Excellen	nt
Owner/Manager:	PVT-PLACER	LAND TRUST	Trend:	Unknow	'n
Presence:	Presumed Exta	ant			
Location:					
SWAINSONS PRESER	VE, 0.43 MI SSE	OF THE INTERSECTION OF V	VEST WISE RD. AND HWY 6	65.	
Detailed Location:					
Ecological:					
		SLAND; DOMINATED BY B. HO ES ARE ALSO LOCATED ON TH		S, T. CAPl	UT-MEDUSAE, H. GLABRA, AND H.
Threats:					
THREATENED BY DOM	MESTIC PETS (F	PARTICULARLY HOUSE CATS)	, AND DEVELOPMENT OF S	SURROUN	IDING HABITAT.
General:					
					STILL UTILIZED BY CATTLE. BUOW HAVE OPERTY IS PROTECTED IN PERPETUITY.
PLSS: T12N, R06E, S	Sec. 05 (M)	Accuracy:	80 meters		Area (acres): 0
UTM: Zone-10 N430	9314 E644479	Latitude/Longitude:	: 38.92085 / -121.33338		Elevation (feet): 130
County Summary:		Quad Summary:			
Placer		Lincoln (3812183)			

VAG08F0001 VAGHTI, M. (PLACER LAND TRUST) - FIELD SURVEY FORM FOR ATHENE CUNICULARIA 2008-04-29



California Department of Fish and Wildlife



Man Index Number					
Map Index Number:	11637		EO Index:		17332
Key Quad:	Lincoln (38121	183)	Element Code:		ABPBXB0020
Occurrence Number:	91		Occurrence Last U	Occurrence Last Updated: 2016-01-29	
Scientific Name:	gelaius tricolor		Common Name:	tricolored	Iblackbird
Listing Status:	Federal:	None	Rare Plant Rank:		
-	State:	None	Other Lists:	BLM_S-S	Sensitive
CNDDB Element Rank	s: Global:	G2G3			SC-Species of Special Concern N-Endangered
	State:	S1S2		NABCI_F	RWL-Red Watch List BCC-Birds of Conservation Concern
General Habitat:			Micro Habitat:		
HIGHLY COLONIAL SF VICINITY. LARGELY E		IUMEROUS IN CENTRAL VALLEY IFORNIA.			ROTECTED NESTING SUBSTRATE, & ECT PREY WITHIN A FEW KM OF THE
Last Date Observed:	1971-XX-XX		Occurrence Type:	Natural/	Native occurrence
Last Survey Date:	2011-04-16		Occurrence Rank:	None	
Owner/Manager:	PVT		Trend:	Unknow	'n
Presence:	Possibly Extirpa	ated			
Location:					
~1.7 MI ENE OF HWY	65 & COON CRE	EK INTERSECTION, 1.7 MI WNW	OF MERRITT LN & GLAD	DING RD	INTERSECTION, SW OF SHERIDAN.
Detailed Location:					
PROVIDED LOCATION		ERVATION WAS "T13N, R06E, SI DRED IN UC DAVIS TRBL PORTA			
PROVIDED LOCATION ALSO SURVEYED. CO					
ALSO SURVEYED. CC Ecological:	IONY DATA STO	DRED IN UC DAVIS TRBL PORTA	AL; SITE NAME "CHAMBE	RLAIN RA	
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M	IONY DATA STO	DRED IN UC DAVIS TRBL PORTA	AL; SITE NAME "CHAMBE	RLAIN RA	
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats:	IONY DATA STO	DRED IN UC DAVIS TRBL PORTA	AL; SITE NAME "CHAMBE	RLAIN RA	NCH."
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General:	OLONY DATA STO ARSH CREATEL TED BY BEEDY (DRED IN UC DAVIS TRBL PORTA	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BI	RLAIN RA _ACKBER	NCH." RY AND CATTAIL (1999). COLONY
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General: APPROXIMATELY 2,00	OLONY DATA STO IARSH CREATED TED BY BEEDY (DO PAIRS OBSEF	ORED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LANI (1991).	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BI	RLAIN RA _ACKBER	NCH." RY AND CATTAIL (1999). COLONY
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General: APPROXIMATELY 2,00 PLSS: T13N, R06E, S	OLONY DATA STO IARSH CREATED TED BY BEEDY (DO PAIRS OBSEF	DRED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LAND (1991). RVED IN 1971 (DEHAVEN). 0 BIRI	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BI DS OBSERVED ON 25 AP	RLAIN RA _ACKBER	NCH." RY AND CATTAIL (1999). COLONY 16 APR 2011.
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General: APPROXIMATELY 2,00 PLSS: T13N, R06E, S UTM: Zone-10 N431	OLONY DATA STO IARSH CREATEL TED BY BEEDY (D0 PAIRS OBSEF Sec. 28 (M)	DRED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LANI (1991). RVED IN 1971 (DEHAVEN). 0 BIRI Accuracy:	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BL DS OBSERVED ON 25 AP 2/5 mile	RLAIN RA _ACKBER	NCH." RY AND CATTAIL (1999). COLONY 16 APR 2011. Area (acres): 0
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General: APPROXIMATELY 2,00 PLSS: T13N, R06E, S UTM: Zone-10 N431 County Summary:	OLONY DATA STO IARSH CREATEL TED BY BEEDY (D0 PAIRS OBSEF Sec. 28 (M)	DRED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LAND (1991). RVED IN 1971 (DEHAVEN). 0 BIRI Accuracy: Latitude/Longitude:	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BL DS OBSERVED ON 25 AP 2/5 mile	RLAIN RA _ACKBER	NCH." RY AND CATTAIL (1999). COLONY 16 APR 2011. Area (acres): 0
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General: APPROXIMATELY 2,00 PLSS: T13N, R06E, S UTM: Zone-10 N431 County Summary: Placer	OLONY DATA STO IARSH CREATEL TED BY BEEDY (D0 PAIRS OBSEF Sec. 28 (M)	DRED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LANI (1991). RVED IN 1971 (DEHAVEN). 0 BIRI Accuracy: Latitude/Longitude: Quad Summary:	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BL DS OBSERVED ON 25 AP 2/5 mile	RLAIN RA _ACKBER	NCH." RY AND CATTAIL (1999). COLONY 16 APR 2011. Area (acres): 0
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPA Threats: General: APPROXIMATELY 2,00 PLSS: T13N, R06E, S UTM: Zone-10 N431 County Summary: Placer Sources: BEE91R0001 BEEI	ARSH CREATED TED BY BEEDY (00 PAIRS OBSEF Sec. 28 (M) 2412 E645489	DRED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LAND (1991). RVED IN 1971 (DEHAVEN). 0 BIRD Accuracy: Latitude/Longitude: Quad Summary: Lincoln (3812183)	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BL DS OBSERVED ON 25 AP 2/5 mile 38.94859 / -121.32109 G STATUS, DISTRIBURTI	RLAIN RA _ACKBER R 1999 &	NCH." RY AND CATTAIL (1999). COLONY 16 APR 2011. Area (acres): 0
PROVIDED LOCATION ALSO SURVEYED. CO Ecological: CATTAILS AROUND M PRESUMED EXTIRPAT Threats: General: APPROXIMATELY 2,00 PLSS: T13N, R06E, S UTM: Zone-10 N431 County Summary: Placer Sources: BEE91R0001 BEEL TRIC HOS86U0002 HOS	DONY DATA STO ARSH CREATED TED BY BEEDY (DO PAIRS OBSER Sec. 28 (M) 2412 E645489 DY, E.C., S.D. SA OLORED BLACK EA, R. (CALIFOR	DRED IN UC DAVIS TRBL PORTA D BY WATERING PASTURE LAND (1991). RVED IN 1971 (DEHAVEN). 0 BIRI Accuracy: Latitude/Longitude: Quad Summary: Lincoln (3812183) INDERS & D. BLOOM - BREEDIN (BIRD (AGELAIUS TRICOLOR), 1	AL; SITE NAMÉ "CHAMBE DS (1971). HIMALAYAN BI DS OBSERVED ON 25 AP 2/5 mile 38.94859 / -121.32109 G STATUS, DISTRIBURTI 850-1989. 1991-06-XX	RLAIN RA _ACKBER R 1999 & 	NCH." RY AND CATTAIL (1999). COLONY 16 APR 2011. Area (acres): 0 Elevation (feet): 130



California Department of Fish and Wildlife

California Natural Diversity Database



Man Index Number			-	se	
Map Index Number:	96843		EO Index:		98057
Key Quad:	Lincoln (3812	183)	Element Code:		ABPBXB0020
Occurrence Number:	575		Occurrence Last U	pdated:	2016-02-01
Scientific Name: A	Agelaius tricolor		Common Name:	tricolored	blackbird
Listing Status:	Federal:	None	Rare Plant Rank:		
	State:	None	Other Lists:	BLM_S-S	
CNDDB Element Rank	s: Global:	G2G3			SC-Species of Special Concern N-Endangered
	State:	S1S2			RWL-Red Watch List BCC-Birds of Conservation Concern
General Habitat:			Micro Habitat:		
HIGHLY COLONIAL SF VICINITY. LARGELY EI	,	NUMEROUS IN CENTRAL VALLEY & LIFORNIA.			ROTECTED NESTING SUBSTRATE, & ECT PREY WITHIN A FEW KM OF THE
Last Date Observed:	2014-05-23		Occurrence Type:	Natural/	Native occurrence
Last Survey Date:	2015-04-17		Occurrence Rank:	Unknow	n
Owner/Manager:	PVT		Trend:	Unknow	n
Presence:	Presumed Exta	ant			
Location:					
ALONG YANKEE SLOU	JGH, ABOUT 1.2	2 MILES NE OF INTERSECTION WI	۲H HWY 65, 1.9 MILES ۵	SE OF SHI	ERIDAN.
Detailed Location:					
		S TRICOLORED BLACKBIRD PORTA E BLACKBERRY PATCHES VISIBLE			H." MAPPED ACCORDING TO PROVIDE
Ecological:					VANKEE SLOUGH NESTING SUBSTRA
WAS HIMALAYAN BLA		ERIES OF SMALL COPSES OF HIM/ CONDARY SUBSTRATE WAS BULR			HUGE ROOST ALSO DISCOVERED IN J
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats:					
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats: General:	CKBERRY; SEC	CONDARY SUBSTRATE WAS BULR	USH/TULE. SITE ADJAC	ENT TO F	HUGE ROOST ALSO DISCOVERED IN JA
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats: General: OLD NESTS DISCOVE	CKBERRY; SEC	CONDARY SUBSTRATE WAS BULR	USH/TULE. SITE ADJAC DN. 0 BIRDS OBSERVE	CENT TO F	
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats: General: OLD NESTS DISCOVE ON 23 MAY 2014; OBS	CKBERRY; SEC RED IN JAN 201 COLLECTING F	CONDARY SUBSTRATE WAS BULR 14 CONFIRMING NESTING LOCATIO FOOD & TAKING IT TO THE COLON	USH/TULE. SITE ADJAC DN. 0 BIRDS OBSERVE	CENT TO F	HUGE ROOST ALSO DISCOVERED IN JA
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats: General: OLD NESTS DISCOVE ON 23 MAY 2014; OBS PLSS: T13N, R06E, S	CKBERRY; SEC RED IN JAN 201 COLLECTING F	CONDARY SUBSTRATE WAS BULR 14 CONFIRMING NESTING LOCATIO FOOD & TAKING IT TO THE COLON Accuracy: 1	USH/TULE. SITE ADJAC DN. 0 BIRDS OBSERVE IY, ONLY FORAGING BI	CENT TO F	HUGE ROOST ALSO DISCOVERED IN JA NPR 2014. ABOUT 300 BIRDS OBSERVED INTED. 0 BIRDS OBS ON 17 APR 2015.
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats: General: OLD NESTS DISCOVE ON 23 MAY 2014; OBS PLSS: T13N, R06E, S UTM: Zone-10 N431	CKBERRY; SEC RED IN JAN 201 COLLECTING F Sec. 19 (M)	CONDARY SUBSTRATE WAS BULR 14 CONFIRMING NESTING LOCATIO FOOD & TAKING IT TO THE COLON Accuracy: 1	USH/TULE. SITE ADJAC DN. 0 BIRDS OBSERVE IY, ONLY FORAGING BI	CENT TO F	HUGE ROOST ALSO DISCOVERED IN JA NPR 2014. ABOUT 300 BIRDS OBSERVE INTED. 0 BIRDS OBS ON 17 APR 2015. Area (acres): 0
HABITAT COMPOSED WAS HIMALAYAN BLA 2014. Threats: General: OLD NESTS DISCOVE ON 23 MAY 2014; OBS PLSS: T13N, R06E, S	CKBERRY; SEC RED IN JAN 201 COLLECTING F Sec. 19 (M)	CONDARY SUBSTRATE WAS BULR 14 CONFIRMING NESTING LOCATIO FOOD & TAKING IT TO THE COLON Accuracy: 1 Latitude/Longitude: 3	USH/TULE. SITE ADJAC DN. 0 BIRDS OBSERVE IY, ONLY FORAGING BI	CENT TO F	HUGE ROOST ALSO DISCOVERED IN JA NPR 2014. ABOUT 300 BIRDS OBSERVE INTED. 0 BIRDS OBS ON 17 APR 2015. Area (acres): 0

TRI15D0001 TRICOLORED BLACKBIRD PORTAL - ICE (UNIVERSITY OF CALIFORNIA, DAVIS) - 2015 TRICOLORED BLACKBIRD RECORDS FROM UC DAVIS TRICOLORED BLACKBIRD PORTAL, INFORMATION CENTER FOR THE ENVIRONMENT (ICE) 2015-XX-XX



California Department of Fish and Wildlife

California Natural Diversity Database



Map index Number: 96844 Elo Index: 90038 Key Quad: Lincoin (3812183) Element Code: ABPBXB0020 Occurrence Number: 576 Occurrence Last Updated: 2016-02-01 Steinet/life Name: Agelaius tricolor Common Name: tricolored blackbird Listing Status: Federal: None Rare Plant Rank: Uncon Name:	ey Quad: ccurrence Number: cientific Name: Ag isting Status:	Lincoln (3812 576 gelaius tricolor	183)	Element Code:	pdated:		
Occurrence Number: 578 Occurrence Last Updated: 2016-02-01 Steintlife Name: Agelalus tricolor Common Name: tricolored blackbird Listing Status: Federal: None CDFW SSC-Species of Special Concern CNDDB Element Ranks: Global: G2G3 CDFW SSC-Species of Special Concern CNDDB Element Ranks: Global: G2G3 CDFW SSC-Species of Special Concern General Habitat: Micro Habitat: Micro Habitat: Rec Olines OPEN WATER, PROTECTED NESTING SUBSTRATE, & PORAGING RAFE, WITH IN SECT PREY WITHIN A FEW KM OF THE COLONY. List Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: RABOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: Racourt 1.0 SMI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: Statery of the state of	ccurrence Number:	576 gelaius tricolor	183)		pdated:	ABPBXB0020	
Scientific Name: Agelaius tricolor Common Name: tricolored blackbird Listing Status: Federal: None Rare Plant Rank: CNDDB Element Ranks: Global: G2G3 CDPR_SSC-Species of Special Concern CNDDB Element Ranks: Global: G2G3 CDPR_SSC-Species of Special Concern CNDDB Element Ranks: Global: G2G3 CDPR_SSC-Species of Special Concern CNDDB Element Ranks: State: S1S2 S1S2 CDPR_SSC-Species of Special Concern General Habitat: IUCN_EN-Andangered NABCL_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern General Habitat: IICNE VOLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY & Network REP ROTECTED NESTING SUBSTRATE, & FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Last Survey Date: 2015-04-17 Occurrence Rank: Unknown Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG	cientific Name: Ag	gelaius tricolor		Occurrence Last U	pdated:		
Listing Status: Federal: None State: None CNDDB Element Ranks: Global: G2G3 State: S1S2 CDFW_SSC-Species of Special Concern UCN_RENErdangered NABCL_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern MABCL_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Presumed Extant Location: RADUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. Eatimud-AYAN BLACKBERRY. ESTIMATES OF 6,500 TO 7,500 BIRDS BETWEEN 2008; NESTING/INCUBATION OBS. 0 OBS ON 16 APR 201140 OBS CARRIVING FOOD TO COLONY ON 23 MAY 20143,50	isting Status:					2016-02-01	
CNDDB Element Ranks: State:: None Other Lists:: BLM_S-Sensitive CDFW_SSC-Species of Special Concern UCN_EXSC-Species of Special Concern UCN_EXSC-Species of Special Concern UCN_EXSC-Species of Special Concern General Habitat: Micro Habitat: Micro Habitat: NABCI_RWL-Red Watch List HIGH_V COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY & REOUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, & YICINITY: LARGELY ENDEMIC TO CALIFORNIA. Occurrence Type: Natural/Native occurrence Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Last Survey Date: 2015-04-17 Occurrence Rank: Unknown Owner/Manager: PVT Trend: Unknown Owner/Manager: PVT Trend: Unknown Adout 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY OATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.28 MILES N OF	-	Federal:		Common Name:	tricolored	l blackbird	
CNDDB Element Ranks: Global: G223 CDFW, SSC-Species of Special Concern State: S1S2 NABCI, RWL-Red Watch List General Habitat: Micro Habitat: USC NWL-Red Watch List HIGHLY COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY & REGUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, & FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Last Date Observed: 2015-04-17 Occurrence Rank: Unknown Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Detailed Location: ABOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: ABOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. Soft Presence: COLONY LOCATION DESCRIBED ON 24 APR 2001; NON-BREEDING. ~250 OBS ON 25 APR 2008; NESTING/INCUBATION OBS. 0 OBS ON 16 APR 2011. ~40 DBS CARRY ING FOOD TO COLONY ON 23 MAY 2014. ~3,500 OBS ON 17 APR 2015; INCUBATION INFERED. 0 PLSS: T13N, R06E, Sec.			None	Rare Plant Rank:			
CMDDB Element Ranks: Global: G2G3 UUCN_ENLEndiangered State: S1S2 NABCI_CRWU-Red Watch List USEN_ENC_PBICE-Birds of Conservation Concern Seneral Habitat: Micro Habitat: General Habitat: Micro Habitat: REQUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, & FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Last Date Observed: 2015-04-17 Occurrence Rank: Unknown Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant Decourrence Rank: Unknown Dout 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL: SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. DOUT 0.2 MILES N OF BIG BEN RD AT DECORDINATES. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL: SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. DOUT 0.2 MILES N OF BIG BEN RD ASDE DIF W SIDE OF ROLD. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROLD. Ecological: HIMLAYAN BLACKBERRY. ESTIMATES OF 6,500 TO 7,500 BIRDS BETWEEN 2008-2014. FREAL <td></td> <td>State:</td> <td>None</td> <td>Other Lists:</td> <td></td> <td></td> <td></td>		State:	None	Other Lists:			
State: S1S2 NABCI_RWL-Red Watch List USF%_BCC-Birds of Conservation Concern General Habitat: Micro Habitat: Micro Habitat: REGUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, & FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Last Survey Date: 2015-04-17 Occurrence Rank: Unknown Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown State State State Location: Presumed Extant Unknown State State State State State State State State State State Colony Location Us ON NU OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: State	RUDB Element Ranks	: Global:	G2G3				٦
HiGHLY COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY & VICINITY. LARGELY ENDEMIC TO CALIFORNIA. REQUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, & FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Last Date Observed: 2015-04-17 Occurrence Rank: Unknown Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: Colony LOCATION OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: Colony LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, AND OF DIG BEN RD AT STRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN." MAPPED TO PROVIDED COORDINATES. COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. Ecological: HIMALAYAN BLACKBERRY. ESTIMATES OF 6.500 TO 7.500 BIRDS BETWEEN 2008-2014. Threats: General: -2:500 BIRDS OBSERVED ON 24 APR 2001; NON-BREEDING. ~250 OBS ON 17 APR 2015; INCUBATION INFERRED. PLSS: T13N, R06E, Sec. 24, SW (M) Accuracy: 1/10 mile Area (acres): 0 PLSS: T13N, R06E, Sec. 24, SW (M) Accuracy: 1/10 mile Area (acres): 0 </td <td></td> <td>State:</td> <td>S1S2</td> <td></td> <td>NABCI_F</td> <td>RWL-Red Watch List</td> <td>ncern</td>		State:	S1S2		NABCI_F	RWL-Red Watch List	ncern
//ICINITY. LARGELY ENDEMIC TO CALIFORNIA. FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY. Last Date Observed: 2015-04-17 Occurrence Type: Natural/Native occurrence Last Survey Date: 2015-04-17 Occurrence Rank: Unknown Dwner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: ABOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, A MOED T 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. State S	eneral Habitat:			Micro Habitat:			
Last Survey Date: 2015-04-17 Occurrence Rank: Unknown Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: BOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. Ecological: HIMALAYAN BLACKBERRY. ESTIMATES OF 6,500 TO 7,500 BIRDS BETWEEN 2008-2014. HTreats: General: -2,500 BIRDS OBSERVED ON 24 APR 2001; NON-BREEDING250 OBS ON 25 APR 2008; NESTING/INCUBATION OBS. 0 OBS ON 16 APR 201140 OBS CARRYING FOOD TO COLONY ON 23 MAY 20143,500 OBS ON 17 APR 2015; INCUBATION INFERRED. PLSS: T13N, R06E, Sec. 24, SW (M) Accuracy: 1/10 mile Area (acres): 0 UTM: Zone-10 N4313370 Edatude/Longitude: 38.95629 / -121.25749 Elevation (feet): 305 County Summary: Quad Summary: Quad Summary: Placer 1/10 mile Placer				FORAGING AREA V			
Owner/Marger: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: ABOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: Ecological: Presumed Extraction of the provided of the p	ast Date Observed:	2015-04-17		Occurrence Type:	Natural/	Native occurrence	
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Location: ABOUT 0.3 MI NNW OF BIG BEN RD AT LITTLE BEN RD, 1 MI SE OF FLEMING RD AT MCCOURTNEY RD, KILAGA SPRINGS. Detailed Location: COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LITTLE BEN," MAPPED TO PROVIDED COORDINATES. COLONY LOCATION DESCRIBED AS BEING ALONG LITTLE BEN RD, ABOUT 0.29 MILES N OF BIG BEN RD ABOUT 150 YARDS OFF W SIDE OF ROAD. Ecological: HIMALAYAN BLACKBERRY. ESTIMATES OF 6,500 TO 7,500 BIRDS BETWEEN 2008-2014. Threats: Seneral: -2,500 BIRDS OBSERVED ON 24 APR 2001; NON-BREEDING. ~250 OBS ON 25 APR 2008; NESTING/INCUBATION OBS. 0 OBS ON 16 APR 2011. ~40 DBS CARRYING FOOD TO COLONY ON 23 MAY 2014. ~3,500 OBS ON 17 APR 2015; INCUBATION INFERRED. PLSS: T13N, R06E, Sec. 24, SW (M) Accuracy: 1/10 mile Area (acres): 0 JTM: Zone-10 N4313370 E650983 Latitude/Longitude: 38.95629 / -121.25749 Elevation (feet): 305 County Summary: Placer Lincoln (3812183)	wner/Manager:	PVT		Trend:	Unknow	'n	
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Area (acres): 0 UTM: Zone-10 N4313370 E650983 County Summary: Quad Summary: Placer Lincoln (3812183)	cological:						
General: -2,500 BIRDS OBSERVED ON 24 APR 2001; NON-BREEDING. ~250 OBS ON 25 APR 2008; NESTING/INCUBATION OBS. 0 OBS ON 16 APR 2011. ~40 OBS CARRYING FOOD TO COLONY ON 23 MAY 2014. ~3,500 OBS ON 17 APR 2015; INCUBATION INFERRED. PLSS: T13N, R06E, Sec. 24, SW (M) Accuracy: 1/10 mile Area (acres): 0 UTM: Zone-10 N4313370 E650983 Latitude/Longitude: 38.95629 / -121.25749 Elevation (feet): 305 County Summary: Quad Summary: Lincoln (3812183)	IMALAYAN BLACKBE	RRY. ESTIMATE	ES OF 6,500 TO 7,500 BIRDS BE	TWEEN 2008-2014.			
-2,500 BIRDS OBSERVED ON 24 APR 2001; NON-BREEDING. ~250 OBS ON 25 APR 2008; NESTING/INCUBATION OBS. 0 OBS ON 16 APR 2011. ~40 OBS CARRYING FOOD TO COLONY ON 23 MAY 2014. ~3,500 OBS ON 17 APR 2015; INCUBATION INFERRED. PLSS: T13N, R06E, Sec. 24, SW (M) Accuracy: 1/10 mile Area (acres): 0 UTM: Zone-10 N4313370 E650983 Latitude/Longitude: 38.95629 / -121.25749 Elevation (feet): 305 County Summary: Quad Summary: Placer Lincoln (3812183)	hreats:						
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UTM: Zone-10 N4313370 E650983 Latitude/Longitude: 38.95629 / -121.25749 Elevation (feet): 305 County Summary: Quad Summary: Lincoln (3812183) Lincoln (3812183)							PR 2011. ~40
County Summary: Quad Summary: Placer Lincoln (3812183)	LSS: T13N, R06E, S	ec. 24, SW (M)	Accuracy:	1/10 mile		Area (acres):	0
Placer Lincoln (3812183)	TM: Zone-10 N4313	370 E650983	Latitude/Longitude:	38.95629 / -121.25749		Elevation (feet):	305
	ounty Summary:		Quad Summary:				
Sources:	lacer		Lincoln (3812183)				
	ources:						

TRI15D0001 TRICOLORED BLACKBIRD PORTAL - ICE (UNIVERSITY OF CALIFORNIA, DAVIS) - 2015 TRICOLORED BLACKBIRD RECORDS FROM UC DAVIS TRICOLORED BLACKBIRD PORTAL, INFORMATION CENTER FOR THE ENVIRONMENT (ICE) 2015-XX-XX



California Department of Fish and Wildlife



Map Index Number:	96847		EO Index:		98062
Key Quad:	Lincoln (38121	183)	Element Code:		ABPBXB0020
Occurrence Number:	577	/	Occurrence Last U	pdated:	2016-02-01
Scientific Name: A	gelaius tricolor		Common Name:	tricolored	I blackbird
Listing Status:	Federal:	None	Rare Plant Rank:		
	State:	None	Other Lists:	BLM_S-S	
CNDDB Element Rank	s: Global:	G2G3		_	SSC-Species of Special Concern N-Endangered
	State:	S1S2		NABCI_F	RWL-Red Watch List BCC-Birds of Conservation Concern
General Habitat:			Micro Habitat:		
HIGHLY COLONIAL SP VICINITY. LARGELY EI		IUMEROUS IN CENTRAL VALLEY IFORNIA.			ROTECTED NESTING SUBSTRATE, & ECT PREY WITHIN A FEW KM OF THE
Last Date Observed:	2008-04-25		Occurrence Type:	Natural/	Native occurrence
Last Survey Date:	2015-04-17		Occurrence Rank:	Unknow	'n
Owner/Manager:	PVT		Trend:	Unknow	'n
Presence:	Presumed Exta	Int			
Location:					
0.7 MI NW OF HWY 65	BRIDGE OVER	COON CREEK, 0.8 MI E OF WALT	Z RD & DOWD RD INTER	RSECTION	N, 2.6 MI SSE OF SHERIDAN.
Detailed Location:					
		TRBL PORTAL; SITE "WALTZ EA: LE IN 2002-2015 AERIAL IMAGER"			O COORDINATES PROVIDED IN PORTAL. THE SW OF COLONY.
Ecological: HIGHWAY 65 BYPASS		RUCTION (2011), LANDOWNDER WAS ERECTED IN THE 5 YEARS			RSHLANDS WITH FILL DIRT AND
Ecological: HIGHWAY 65 BYPASS					RSHLANDS WITH FILL DIRT AND
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO	RARY LANDFILI	- WAS ERECTED IN THE 5 YEARS			RSHLANDS WITH FILL DIRT AND
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DU	RARY LANDFILI	- WAS ERECTED IN THE 5 YEARS			RSHLANDS WITH FILL DIRT AND
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DL General: APPROXIMATELY 5,00	RARY LANDFILI JE TO LANDFILI 0 BIRDS OBSEF	_ WAS ERECTED IN THE 5 YEARS _ ACTIVITIES.	S PRIOR TO THE 2015 SU MARKED AS SINGING AI	JRVEY. ND CARR	YING NEST MATERIAL, COLONY LOCATE
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DL General: APPROXIMATELY 5,00	RARY LANDFILI JE TO LANDFILI 0 BIRDS OBSEF CDFW BIOLOGI	- WAS ERECTED IN THE 5 YEARS - ACTIVITIES. RVED ON 25 APR 2008; COLONY	S PRIOR TO THE 2015 SU MARKED AS SINGING AI	JRVEY. ND CARR	YING NEST MATERIAL, COLONY LOCATE
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DU General: APPROXIMATELY 5,00 THE DAY BEFORE BY	RARY LANDFILI JE TO LANDFILI 00 BIRDS OBSEF CDFW BIOLOGI Sec. 25, SE (M)	- WAS ERECTED IN THE 5 YEARS - ACTIVITIES. RVED ON 25 APR 2008; COLONY ST. 0 OBSERVED ON 21 MAR 207	S PRIOR TO THE 2015 SU MARKED AS SINGING AN 11. 0 OBSERVED ON 17 /	JRVEY. ND CARR	YING NEST MATERIAL, COLONY LOCATE
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DL General: APPROXIMATELY 5,00 THE DAY BEFORE BY PLSS: T13N, R05E, S UTM: Zone-10 N431	RARY LANDFILI JE TO LANDFILI 00 BIRDS OBSEF CDFW BIOLOGI Sec. 25, SE (M)	- WAS ERECTED IN THE 5 YEARS - ACTIVITIES. RVED ON 25 APR 2008; COLONY ST. 0 OBSERVED ON 21 MAR 207 Accuracy:	S PRIOR TO THE 2015 SU MARKED AS SINGING AN 11. 0 OBSERVED ON 17 / 1/10 mile	JRVEY. ND CARR	YING NEST MATERIAL, COLONY LOCATE Area (acres): 0
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DL General: APPROXIMATELY 5,00 THE DAY BEFORE BY PLSS: T13N, R05E, S	RARY LANDFILI JE TO LANDFILI 00 BIRDS OBSEF CDFW BIOLOGI Sec. 25, SE (M)	- WAS ERECTED IN THE 5 YEARS - ACTIVITIES. RVED ON 25 APR 2008; COLONY ST. 0 OBSERVED ON 21 MAR 207 Accuracy: Latitude/Longitude:	S PRIOR TO THE 2015 SU MARKED AS SINGING AN 11. 0 OBSERVED ON 17 / 1/10 mile	JRVEY. ND CARR	YING NEST MATERIAL, COLONY LOCATE Area (acres): 0
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DU General: APPROXIMATELY 5,00 THE DAY BEFORE BY PLSS: T13N, R05E, S UTM: Zone-10 N431 County Summary:	RARY LANDFILI JE TO LANDFILI 00 BIRDS OBSEF CDFW BIOLOGI Sec. 25, SE (M)	- WAS ERECTED IN THE 5 YEARS - ACTIVITIES. RVED ON 25 APR 2008; COLONY ST. 0 OBSERVED ON 21 MAR 207 Accuracy: Latitude/Longitude: Quad Summary:	S PRIOR TO THE 2015 SU MARKED AS SINGING AN 11. 0 OBSERVED ON 17 / 1/10 mile	JRVEY. ND CARR	YING NEST MATERIAL, COLONY LOCATE Area (acres): 0
Ecological: HIGHWAY 65 BYPASS BULDOZER. A TEMPO Threats: POSSIBLE THREAT DU General: APPROXIMATELY 5,00 THE DAY BEFORE BY PLSS: T13N, R05E, S UTM: Zone-10 N431 County Summary: Placer Sources: TRI14D0001 TRICO	RARY LANDFILI JE TO LANDFILI 0 BIRDS OBSEF CDFW BIOLOGI Sec. 25, SE (M) 1659 E641913	- WAS ERECTED IN THE 5 YEARS - ACTIVITIES. RVED ON 25 APR 2008; COLONY ST. 0 OBSERVED ON 21 MAR 207 Accuracy: Latitude/Longitude: Quad Summary: Lincoln (3812183) (BIRD PORTAL - ICE (UNIVERSIT)	S PRIOR TO THE 2015 SU MARKED AS SINGING AN 11. 0 OBSERVED ON 17 / 1/10 mile 38.94239 / -121.36248 Y OF CALIFORNIA, DAVIS	JRVEY. ND CARR APR 2015	YING NEST MATERIAL, COLONY LOCATE Area (acres): 0



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	96863		EO Index:		98084	
Key Quad:	Lincoln (3812	.183)	Element Code:		ABPBXB0020	
Occurrence Number:	578		Occurrence Last Updated:		2015-07-20	
Scientific Name: Ag	gelaius tricolor		Common Name:	tricolored	blackbird	
Listing Status:	Federal:	None	Rare Plant Rank:			
CNDDB Element Ranks:	State:	None	Other Lists:	BLM_S-S		
	s: Global:	G2G3			SC-Species of Special Concern I-Endangered	
	State:	S1S2			WL-Red Watch List BCC-Birds of Conservation Concern	
General Habitat:			Micro Habitat:			
HIGHLY COLONIAL SPI VICINITY. LARGELY EN		NUMEROUS IN CENTRAL VALLEY LIFORNIA.			ROTECTED NESTING SUBSTRATE, & CT PREY WITHIN A FEW KM OF THE	
Last Date Observed:	2008-04-25		Occurrence Type:	Natural/	Native occurrence	
Last Survey Date:	2014-04-18		Occurrence Rank:	Unknown		
Owner/Manager:	PVT		Trend:	Unknown		
Presence:	Presumed Exta	ant				
Location:						
ABOUT 1 MILE SE OF H	HWY 65 & WISE	E RD INTERSECTION, 1.8 MI NW O	F HWY 65 & GLADDING	RD INTER	SECTION, NW OF LINCOLN.	
Detailed Location:						
				ING HWY	65." MAPPED TO COORDINATES	
COLONY DATA STORE						
COLONY DATA STORE PROVIDED IN PORTAL		ED ON EAST SIDE OF HWY 65, ABC				
COLONY DATA STORE PROVIDED IN PORTAL Ecological:	. SITE LOCATE	ED ON EAST SIDE OF HWY 65, ABC				
COLONY DATA STORE PROVIDED IN PORTAL Ecological: GOOD TULES, SOME C	. SITE LOCATE					
COLONY DATA STORE PROVIDED IN PORTAL Ecological: GOOD TULES, SOME C Threats:	. SITE LOCATE	ED ON EAST SIDE OF HWY 65, ABC				
COLONY DATA STORE PROVIDED IN PORTAL Ecological: GOOD TULES, SOME C Threats: General: APPROXIMATELY 350 F	. SITE LOCATE CATTAILS, AND BIRDS OBSER\	ED ON EAST SIDE OF HWY 65, ABC	DUT 1.9 MILES FROM GL S SINGING AND CARRYII	ADDING I	RD. MATERIAL IN PORTAL. 0 BIRDS	
COLONY DATA STORE PROVIDED IN PORTAL Ecological: GOOD TULES, SOME C Threats: General: APPROXIMATELY 350 B OBSERVED ON 16 APR	. SITE LOCATE CATTAILS, AND BIRDS OBSER\ 2011; A FLOC	ED ON EAST SIDE OF HWY 65, ABC HIMALAYAN BLACKBERRY. VED ON 25 APR 2008; MARKED AS SK OF ABOUT 200-500 BIRDS OBS	DUT 1.9 MILES FROM GL S SINGING AND CARRYII	ADDING I	RD. MATERIAL IN PORTAL. 0 BIRDS	
COLONY DATA STORE PROVIDED IN PORTAL Ecological: GOOD TULES, SOME C Threats: General: APPROXIMATELY 350 F OBSERVED ON 16 APR PLSS: T12N, R06E, Se	. SITE LOCATE CATTAILS, AND BIRDS OBSER\ 2 2011; A FLOC ec. 04, SW (M)	ED ON EAST SIDE OF HWY 65, ABC HIMALAYAN BLACKBERRY. VED ON 25 APR 2008; MARKED AS K OF ABOUT 200-500 BIRDS OBS Accuracy:	DUT 1.9 MILES FROM GL S SINGING AND CARRYII IN THE PREVIOUS WEEI	ADDING I	RD. MATERIAL IN PORTAL. 0 BIRDS RVED ON 18 APR 2014.	
COLONY DATA STORE PROVIDED IN PORTAL Ecological: GOOD TULES, SOME C Threats: General: APPROXIMATELY 350 F OBSERVED ON 16 APR PLSS: T12N, R06E, Se	. SITE LOCATE CATTAILS, AND BIRDS OBSER\ 2 2011; A FLOC ec. 04, SW (M)	ED ON EAST SIDE OF HWY 65, ABC HIMALAYAN BLACKBERRY. VED ON 25 APR 2008; MARKED AS K OF ABOUT 200-500 BIRDS OBS Accuracy:	DUT 1.9 MILES FROM GL S SINGING AND CARRYII IN THE PREVIOUS WEEI 1/10 mile	ADDING I	RD. MATERIAL IN PORTAL. 0 BIRDS RVED ON 18 APR 2014. Area (acres): 0	

Sources:

 TRI14D0001
 TRICOLORED BLACKBIRD PORTAL - ICE (UNIVERSITY OF CALIFORNIA, DAVIS) - 1907-2014 TRICOLORED BLACKBIRD RECORDS FROM UC DAVIS TRICOLORED BLACKBIRD PORTAL, INFORMATION CENTER FOR THE ENVIRONMENT (ICE) 2014-XX-XX



California Department of Fish and Wildlife



Map Index Num	nber:	30665			EO Index:		98106	
Key Quad:		Lincoln (3812	183)		Element Code:		ABPBXB0020	
Occurrence Nu	mber:	583			Occurrence Last U	pdated:	2016-02-01	
Scientific Name	e: Ag	gelaius tricolor			Common Name:	tricolored blackbird		
Listing Status:		Federal:	None		Rare Plant Rank:			
		State:	None		Other Lists:	BLM_S-S		
CNDDB Elemer	nt Ranks	: Global:	G2G3				SSC-Species of Special Concern N-Endangered	1
		State:	S1S2			NABCI_F	RWL-Red Watch List _BCC-Birds of Conservation Cor	ncern
General Habita	t:				Micro Habitat:			
HIGHLY COLOI VICINITY. LARC				S IN CENTRAL VALLE			PROTECTED NESTING SUBSTR ECT PREY WITHIN A FEW KM	
Last Date Obse	erved:	1936-05-26			Occurrence Type:	Natural/	Native occurrence	
Last Survey Da	nte:	2015-04-17			Occurrence Rank:	None		
Owner/Manage	er:	UNKNOWN			Trend:	Unknow	'n	
Presence:		Possibly Extirp	ated					
Location:								
VICINITY OF LI	NCOLN.							
Detailed Locati MAPPED GENE	ion: ERALLY				HISTORIC 1910 & 1942 US LORED BLACKBIRD POR		O MAPS TO DETERMINE HIST(NAME "LINCOLN."	ORIC
Detailed Locati MAPPED GENE LINCOLN CITY	ion: ERALLY							ORIC
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES	ion: ERALLY EXTENT	COLONY DA	TA STOREI Y BEEDY (⁻	D IN UC DAVIS TRICO 1991). APPEARS THA	DORED BLACKBIRD POR	TAL; SITE N END OF		ED IN 2014
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES	ion: ERALLY EXTENT	COLONY DA	TA STOREI Y BEEDY (⁻	D IN UC DAVIS TRICO 1991). APPEARS THA	DORED BLACKBIRD POR	TAL; SITE N END OF	NAME "LINCOLN."	ED IN 2014
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats:	ion: ERALLY EXTENT	COLONY DA	TA STOREI Y BEEDY (⁻	D IN UC DAVIS TRICO 1991). APPEARS THA	DORED BLACKBIRD POR	TAL; SITE N END OF	NAME "LINCOLN."	ED IN 2014
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C	ON: EXTENT SUMED E BLACKB	COLONY DA	TA STOREI Y BEEDY (' ED. DEVEL	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA	DEORED BLACKBIRD POR T POND NEAR SOUTHERI ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI	TAL; SITE N END OF RRIDORS	NAME "LINCOLN."	'ED IN 2014 (2015).
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED E Threats: General: A BREEDING C	COLONY VED ON	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936.	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA ,000 NESTS OBSERV	DEORED BLACKBIRD POR T POND NEAR SOUTHERI ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI	TAL; SITE N END OF RRIDORS	NAME "LINCOLN." THE FEATURE WAS SURVEY , LIMITED NESTING HABITAT	'ED IN 2014; (2015).
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C NESTS OBSER PLSS: T12N,	COLONY VED ON R06E, S0	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936.	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA ,000 NESTS OBSERV ED ON 18 APR 2014 A	DLORED BLACKBIRD POR T POND NEAR SOUTHERI ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI AND 17 APR 2015.	TAL; SITE N END OF RRIDORS	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT	'ED IN 2014; (2015). DUT 1,500
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C NESTS OBSER PLSS: T12N,	COLONY VED ON R06E, S0 0 N4306	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936. ec. 15 (M)	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA 0,000 NESTS OBSERV ED ON 18 APR 2014 A Accuracy:	DLORED BLACKBIRD POR T POND NEAR SOUTHER ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI AND 17 APR 2015. 1 mile	TAL; SITE N END OF RRIDORS	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT COLONY COMPOSED OF ABC Area (acres):	'ED IN 2014 (2015). DUT 1,500 0
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED E Threats: General: A BREEDING C NESTS OBSER PLSS: T12N, UTM: Zone-1	COLONY VED ON R06E, S0 0 N4306	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936. ec. 15 (M)	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA ,000 NESTS OBSERV ED ON 18 APR 2014 A Accuracy: Latitude/Longitude:	DLORED BLACKBIRD POR T POND NEAR SOUTHER ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI AND 17 APR 2015. 1 mile	TAL; SITE N END OF RRIDORS	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT COLONY COMPOSED OF ABC Area (acres):	'ED IN 2014 (2015). DUT 1,500 0
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C NESTS OBSER PLSS: T12N, UTM: Zone-1 County Summa	COLONY VED ON R06E, S0 0 N4306	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936. ec. 15 (M)	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA ,000 NESTS OBSERV ED ON 18 APR 2014 A Accuracy: Latitude/Longitude: Quad Summary:	DLORED BLACKBIRD POR T POND NEAR SOUTHER ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI AND 17 APR 2015. 1 mile	TAL; SITE N END OF RRIDORS	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT COLONY COMPOSED OF ABC Area (acres):	'ED IN 2014 (2015). DUT 1,500 0
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C NESTS OBSER PLSS: T12N, UTM: Zone-1 County Summa Placer	COLONY VED ON R06E, Sd 0 N4306 ary:	COLONY DA EXTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936. ec. 15 (M) 239 E648065	TA STOREI Y BEEDY (ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA 0,000 NESTS OBSERV ED ON 18 APR 2014 A Accuracy: Latitude/Longitude: Quad Summary: Lincoln (3812183) D. BLOOM - BREEDIN	DLORED BLACKBIRD POR T POND NEAR SOUTHER ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI AND 17 APR 2015. 1 mile 38.89256 / -121.29270	TAL; SITE N END OF RRIDORS REEDING	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT COLONY COMPOSED OF ABC Area (acres):	2ED IN 2014 (2015). DUT 1,500 0 165
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C NESTS OBSER PLSS: T12N, UTM: Zone-1 County Summa Placer Sources:	COLONY COLONY VED ON R06E, So N4306 Ary: BEED TRICC	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936. ec. 15 (M) 239 E648065 Y, E.C., S.D. SA DLORED BLACH	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA ,000 NESTS OBSERV ED ON 18 APR 2014 A Accuracy: Latitude/Longitude: Quad Summary: Lincoln (3812183) D. BLOOM - BREEDIN ELAIUS TRICOLOR), 1	ILORED BLACKBIRD POR T POND NEAR SOUTHER ARROW OPEN SPACE CO /ED ON 26 MAY 1933. A BI AND 17 APR 2015. 1 mile 38.89256 / -121.29270	TAL; SITE N END OF RRIDORS REEDING	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT COLONY COMPOSED OF ABC Area (acres): Elevation (feet):	2ED IN 2014 (2015). DUT 1,500 0 165
Detailed Locati MAPPED GENE LINCOLN CITY Ecological: COLONY PRES RED-WINGED F Threats: General: A BREEDING C NESTS OBSER PLSS: T12N, UTM: Zone-1 County Summa Placer Sources: BEE91R0001	COLONY COLONY VED ON R06E, Su NA306 Ary: BEED TRICC NEFF, TRICC	COLONY DA XTIRPATED B RDS OBSERVI COMPOSED O 26 MAY 1936. ec. 15 (M) 239 E648065 Y, E.C., S.D. SA DLORED BLACH J.A DISTRIB	TA STOREI Y BEEDY (' ED. DEVEL F ABOUT 1 0 OBSERV O OBSERV	D IN UC DAVIS TRICO 1991). APPEARS THA OPED AREA WITH NA 2,000 NESTS OBSERV ED ON 18 APR 2014 A Accuracy: Latitude/Longitude: Quad Summary: Lincoln (3812183) D. BLOOM - BREEDIN ELAIUS TRICOLOR), 1 THE TRICOLORED RI RTAL - ICE (UNIVERSI [*])	ILORED BLACKBIRD POR T POND NEAR SOUTHER ARROW OPEN SPACE CO YED ON 26 MAY 1933. A BI AND 17 APR 2015. 1 mile 38.89256 / -121.29270 IG STATUS, DISTRIBURTI 1850-1989. 1991-06-XX ED WING. THE CONDOR 3 TY OF CALIFORNIA, DAVI	TAL; SITE N END OF RRIDORS REEDING ON, AND 39(2): 61-8 S) - 1907-	THE FEATURE WAS SURVEY THE FEATURE WAS SURVEY LIMITED NESTING HABITAT COLONY COMPOSED OF ABC Area (acres): Elevation (feet):	2ED IN 2014 (2015). DUT 1,500 0 165 THE D RECORD



California Department of Fish and Wildlife

California Natural Diversity Database



	98540			EO Index:		99985	
Key Quad:	Lincoln (38	12183)		Element Code:		ABPBXB0020	
Occurrence Number:	: 621			Occurrence Last U	pdated:	2015-12-17	
Scientific Name:	Agelaius tricolo	or		Common Name:	Common Name: tricolored blackbird		
Listing Status:	Federal	: None		Rare Plant Rank:			
	State:	None		Other Lists:	BLM_S-S		
CNDDB Element Ran	nks: Global:	G2G3				SSC-Species of Special Concern N-Endangered	
	State:	S1S2			NABCI_F	RWL-Red Watch List BCC-Birds of Conservation Concern	
General Habitat:				Micro Habitat:			
HIGHLY COLONIAL S VICINITY. LARGELY I		T NUMEROUS IN CENT CALIFORNIA.	FRAL VALLEY			ROTECTED NESTING SUBSTRATE, & ECT PREY WITHIN A FEW KM OF THE	
Last Date Observed:	2010-05-19			Occurrence Type:	Natural/	Native occurrence	
Last Survey Date:	2010-05-19			Occurrence Rank:	Exceller	nt	
Owner/Manager:	PVT-PLACE	R LAND TRUST		Trend:	Unknown		
Presence:	Presumed E	xtant					
	r roodiniou E						
Location:			N, 2 MI E OF G	ILADDING RD & WISE RI	D INTERS	ECTION, NW OF LINCOLN.	
Location: ABOUT 0.4 MI ESE O			N, 2 MI E OF G	LADDING RD & WISE RI	D INTERS	ECTION, NW OF LINCOLN.	
Location: ABOUT 0.4 MI ESE O Detailed Location:	9F HWY 65 & W	ISE RD INTERSECTIO		BLADDING RD & WISE RI MADE "NEAR WISE RD A			
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN	9F HWY 65 & W	ISE RD INTERSECTIO					
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM	OF HWY 65 & W IG TO PROVIDI SSLAND W/ NE	ISE RD INTERSECTION ED COORDINATES. OE ARBY RIPARIAN & BLU	SERVATION N	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI	AND HWY		
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN.	OF HWY 65 & W IG TO PROVIDI SSLAND W/ NE	ISE RD INTERSECTION ED COORDINATES. OE ARBY RIPARIAN & BLU	SERVATION N	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI	AND HWY	65." NG AT SMALL POND; LIMITED ACCESS,	
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN. Threats:	OF HWY 65 & W IG TO PROVID SSLAND W/ NE 1 NESTING. RE	ISE RD INTERSECTION ED COORDINATES. OE ARBY RIPARIAN & BLU D-TAILED HAWK, NOR	SERVATION N JE/VALLEY OA THERN HARR	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI	AND HWY LE NESTIN D HAWK, (65." NG AT SMALL POND; LIMITED ACCESS, COOPER'S HAWK, & BURROWING OWL	
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN. Threats:	OF HWY 65 & W IG TO PROVID SSLAND W/ NE 1 NESTING. RE	ISE RD INTERSECTION ED COORDINATES. OE ARBY RIPARIAN & BLU D-TAILED HAWK, NOR	SERVATION N JE/VALLEY OA THERN HARR	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI IER, RED-SHOULDEREI	AND HWY LE NESTIN D HAWK, (65." NG AT SMALL POND; LIMITED ACCESS, COOPER'S HAWK, & BURROWING OWL	
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN. Threats: PONTENTIAL THREA General: APPROXIMATELY 30 BIRDS WOULD LAND	OF HWY 65 & W IG TO PROVIDE SSLAND W/ NE NESTING. RE NTS DUE TO HU	ISE RD INTERSECTION ED COORDINATES. OE ARBY RIPARIAN & BLU D-TAILED HAWK, NOR JNTING, LAND USE CH SERVED ON 19 MAY 20	BSERVATION N JE/VALLEY OA THERN HARR HANGE IN SUR	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI IER, RED-SHOULDEREI ROUNDING AREA, AND ED FLYING THROUGH TI	AND HWY LE NESTIN D HAWK, O PESTICIE HE PRESE	65." NG AT SMALL POND; LIMITED ACCESS, COOPER'S HAWK, & BURROWING OWL	
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN. Threats: PONTENTIAL THREA General: APPROXIMATELY 30 BIRDS WOULD LAND NESTING.	OF HWY 65 & W IG TO PROVIDE SSLAND W/ NE NESTING. RE NTS DUE TO HU O ADULTS OBS O AMONG CATT	ISE RD INTERSECTION ED COORDINATES. OE ARBY RIPARIAN & BLL D-TAILED HAWK, NOR JNTING, LAND USE CH SERVED ON 19 MAY 20 FAILS IN GRASSLAND	BSERVATION N JE/VALLEY OA THERN HARR HANGE IN SUR HANGE IN SUR D10; OBSERVE AREA THEN F	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI IER, RED-SHOULDEREI ROUNDING AREA, AND ED FLYING THROUGH TI	AND HWY LE NESTIN D HAWK, O PESTICIE HE PRESE	65." NG AT SMALL POND; LIMITED ACCESS, COOPER'S HAWK, & BURROWING OWL DE/HERBICIDE USAGE. ERVE NEAR A SEASONAL WETLAND ARE	
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN. Threats: PONTENTIAL THREA General: APPROXIMATELY 30 BIRDS WOULD LAND NESTING. PLSS: T12N, R06E,	OF HWY 65 & W IG TO PROVIDE SSLAND W/ NE NESTING. RE NTS DUE TO HU O ADULTS OBS O AMONG CATT	ISE RD INTERSECTION ED COORDINATES. OE CARBY RIPARIAN & BLU D-TAILED HAWK, NOR JNTING, LAND USE CH SERVED ON 19 MAY 20 TAILS IN GRASSLAND	BSERVATION N JE/VALLEY OA THERN HARR HANGE IN SUR D10; OBSERVE AREA THEN F	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI IER, RED-SHOULDEREI ROUNDING AREA, AND ED FLYING THROUGH TI LY OFF TO THE SMALL	AND HWY LE NESTIN D HAWK, O PESTICIE HE PRESE	65." NG AT SMALL POND; LIMITED ACCESS, COOPER'S HAWK, & BURROWING OWL DE/HERBICIDE USAGE. ERVE NEAR A SEASONAL WETLAND ARE I ADJACENT PROPERTY, POSSIBLE	
Location: ABOUT 0.4 MI ESE O Detailed Location: MAPPED ACCORDIN Ecological: VERNAL POOL GRAS COULDN'T CONFIRM ALSO SEEN. Threats: PONTENTIAL THREA General: APPROXIMATELY 30 BIRDS WOULD LAND NESTING. PLSS: T12N, R06E,	OF HWY 65 & W IG TO PROVIDE SSLAND W/ NE NESTING. RE NTS DUE TO HU O ADULTS OBS D AMONG CATT , Sec. 05, N (M)	ISE RD INTERSECTION ED COORDINATES. OE CARBY RIPARIAN & BLU D-TAILED HAWK, NOR JNTING, LAND USE CH SERVED ON 19 MAY 20 TAILS IN GRASSLAND	BSERVATION N JE/VALLEY OA THERN HARR HANGE IN SUR D10; OBSERVE AREA THEN F /: Longitude:	MADE "NEAR WISE RD A AK SAVANNAH. POSSIBI IER, RED-SHOULDEREI ROUNDING AREA, AND ED FLYING THROUGH TI LY OFF TO THE SMALL 1/10 mile	AND HWY LE NESTIN D HAWK, O PESTICIE HE PRESE	65." NG AT SMALL POND; LIMITED ACCESS, COOPER'S HAWK, & BURROWING OWL DE/HERBICIDE USAGE. ERVE NEAR A SEASONAL WETLAND ARE I ADJACENT PROPERTY, POSSIBLE Area (acres): 0	

Sources:

WAG10F0006 WAGES, J. (PLACER LAND TRUST) - FIELD SURVEY FORM FOR AGELAIUS TRICOLOR 2010-05-19



California Department of Fish and Wildlife



Map Index Number:	62603		EO Index:		62640		
Key Quad:	Gold Hill (381	2182)	Element Code:		AMACC08010	CC08010	
Occurrence Number:	149		Occurrence Last U	Occurrence Last Updated: 2005-0		-09-19	
Scientific Name: C	orynorhinus tow	nsendii	Common Name:	Townsend	s big-eared bat		
Listing Status:	Federal:	None	Rare Plant Rank:				
	State:	Candidate Threatened		BLM_S-Se			
CNDDB Element Ranks	s: Global:	G3G4		IUCN_LC-L	C-Species of Special Concerr Least Concern	1	
	State:	S2		USFS_S-Sensitive WBWG_H-High Priority			
General Habitat:			Micro Habitat:				
THROUGHOUT CALIFC COMMON IN MESIC SI		DE VARIETY OF HABITATS. MOST			ING FROM WALLS & CEILIN XTREMELY SENSITIVE TO F		
Last Date Observed:	2003-10-22		Occurrence Type:	Natural/Na	ative occurrence		
Last Survey Date:	2003-10-22		Occurrence Rank:	: Unknown			
Owner/Manager:	PVT		Trend:	Unknown			
Presence:	Presumed Exta	ant					
Location:							
				ST OF HWY	193.		
	THE HILLS BET	IWEEN DUTCH RAVINE AND BOU	JLDER RIDGE, JUST WES				
	THE HILLS BET	IWEEN DUTCH RAVINE AND BOU	JLDER RIDGE, JUST WES				
ABANDONED MINE IN	THE HILLS BET	IWEEN DUTCH RAVINE AND BOI	JLDER RIDGE, JUST WES				
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE		IWEEN DUTCH RAVINE AND BOU SEVERAL AUDITS. MINE WILL BE					
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats:							
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats: General:	D MINE WITH S	SEVERAL AUDITS. MINE WILL BE					
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats: General: 6 INDIVIDUALS OBSER	D MINE WITH S		BAT GATED.				
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats: General: 6 INDIVIDUALS OBSER PLSS: T12N, R07E, S	D MINE WITH S RVED ROOSTIN Sec. 22, NE (M)	SEVERAL AUDITS. MINE WILL BE IG IN MINE ON 22 OCT 2003. Accuracy:	BAT GATED. 80 meters		Area (acres):	0	
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats: General: 6 INDIVIDUALS OBSER	D MINE WITH S RVED ROOSTIN Sec. 22, NE (M)	SEVERAL AUDITS. MINE WILL BE	BAT GATED.		Area (acres): Elevation (feet):	0 725	
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats: General: 6 INDIVIDUALS OBSER PLSS: T12N, R07E, S	D MINE WITH S RVED ROOSTIN Sec. 22, NE (M)	SEVERAL AUDITS. MINE WILL BE IG IN MINE ON 22 OCT 2003. Accuracy:	BAT GATED. 80 meters		· · ·	-	
ABANDONED MINE IN Detailed Location: Ecological: FOUND IN ABANDONE Threats: General: 6 INDIVIDUALS OBSER PLSS: T12N, R07E, S UTM: Zone-10 N4305	D MINE WITH S RVED ROOSTIN Sec. 22, NE (M)	SEVERAL AUDITS. MINE WILL BE IG IN MINE ON 22 OCT 2003. Accuracy: Latitude/Longitude:	BAT GATED. 80 meters		· · ·	-	



California Department of Fish and Wildlife



Map Index Number:	22879		EO Index:		7838		
Key Quad:	Gold Hill (3812	2182)	Element Code:		ARAAD02030	ARAAD02030	
Occurrence Number:	1		Occurrence Last U	Occurrence Last Updated: 1993-0		-03-15	
Scientific Name: E	mys marmorata		Common Name:	western pond turtle			
Listing Status:	Federal:	None	Rare Plant Rank:				
	State:	None	Other Lists:	BLM_S-S			
CNDDB Element Rank	s: Global:	G3G4			SC-Species of Special Concerr J-Vulnerable	1	
	State:	S3		_	-Sensitive		
General Habitat:			Micro Habitat:				
	ON DITCHES, US	F PONDS, MARSHES, RIVERS, SUALLY WITH AQUATIC TION.			SUITABLE (SANDY BANKS OF BITAT UP TO 0.5 KM FROM WA		
Last Date Observed:	1993-02-12		Occurrence Type:	Natural/	Native occurrence		
Last Survey Date:	1993-02-12		Occurrence Rank:	Unknow	'n		
Owner/Manager:	UNKNOWN		Trend:	Unknown			
Presence:	Presumed Exta	nt					
Location:							
JUST WEST OF FOWL	ER ROAD, 0.2 M	ILE NORTH OF HWY 193, 4 MILE	ES WNW OF NEWCASTLE	i.			
Detailed Location:							
Ecological:							
HABITAT CONSISTS O	F A 1-2 ACRE R	ESERVOIR, SURROUNDED BY (OAK SAVANNAH, OAK WO	DODLAND	, AND RIPARIAN.		
Threats:							
General:							
ONE ADULT OBSERVE 1970'S.	ED ON A ROCK N	NEAR THE MIDDLE OF THE RES	ERVOIR. POND TURTLES	S HAVE BE	EEN KNOWN FROM THIS SITE	SINCE TH	
PLSS: T12N, R07E, S	Sec. 17, SE (M)	Accuracy:	nonspecific area		Area (acres):	8	
UTM: Zone-10 N430	5965 E654479	Latitude/Longitude:	38.88899 / -121.21885		Elevation (feet):	280	
County Summary: Quad Summary:		Quad Summary:					
County Cummary.							
Placer							



California Department of Fish and Wildlife



Map Index Number:	78643		EO Index:	-	79570 ARAAD02030	
Key Quad:	Gold Hill (381	2182)	Element Code:			
Occurrence Number:	1217		Occurrence Last U	pdated:	2010-04-29	
Scientific Name: E	mys marmorata		Common Name:	western por	nd turtle	
Listing Status:	Federal:	None	Rare Plant Rank:			
* SENSITIVE *	State:	None	Other Lists:	BLM_S-Ser		
CNDDB Element Rank	s: Global:	G3G4		IUCN_VU-\	C-Species of Special Concern /ulnerable	
	State:	S3		USFS_S-Se	ensitive	
General Habitat:			Micro Habitat:			
	ON DITCHES, U	OF PONDS, MARSHES, RIVEF SUALLY WITH AQUATIC ATION.			IITABLE (SANDY BANKS OR GRASSY AT UP TO 0.5 KM FROM WATER FOR	
Last Date Observed:	2010-04-19		Occurrence Type:	Natural/Na	ative occurrence	
Last Survey Date:	2010-04-19		Occurrence Rank:	Excellent		
Owner/Manager:			Trend:	Unknown		
Presence:	Presumed Exta	ant				
Location:						
SENSITIVE LOCATIO	ON INFORMATIO	ON SUPPRESSED.				
Detailed Location:						
PLEASE CONTACT TH INFORMATION: (916) 3		NATURAL DIVERSITY DATA	BASE, CALIFORNIA DEPARTM	MENT OF FIS	SH AND WILDLIFE, FOR MORE	
Ecological:	22 2400					
-	F BLUE OAK W	OODLAND WITH A NETWOR	K OF PONDS AND SEASONAL	L CREEKS.		
Threats:						
THREATS INCLUDE RU	JRAL RESIDEN	TIAL USE AND POSSIBLE PE	ESTICIDE USE IN ORCHARD U	JPSTREAM.		
General:						
PLSS:		Accuracy:	nonspecific area		Area (acres): 167	
UTM:			le:		Elevation (feet): 270	
County Summary: Quad Summary:						
County Summary:	Placer Gold Hill (3812182)					
County Summary: Placer		Gold Hill (3812182	2)			



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	11653		EO Index:		28050	
Key Quad:	Lincoln (3812	183)	Element Code:		CTT44110CA	
Occurrence Number:	24		Occurrence Last Up	Occurrence Last Updated: 1998-07-15		
Scientific Name: N	orthern Hardpan	o Vernal Pool	Common Name:	Northern	Hardpan Vernal Pool	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	None	Other Lists:			
CNDDB Element Ranks	s: Global:	G3				
	State:	S3.1				
General Habitat:			Micro Habitat:			
Last Date Observed:	1976-05-XX		Occurrence Type:	Natural/I	Native occurrence	
Last Survey Date:	1976-05-XX		Occurrence Rank:	Unknow	n	
Last Survey Date.	-					
•	UNKNOWN		Trend:	Unknow	n	
Owner/Manager: Presence:		ant	Trend:	Unknow	n	
Owner/Manager: Presence:	UNKNOWN	ant	Trend:	Unknow	n	
Owner/Manager: Presence: Location:	UNKNOWN Presumed Exta	ant EST OF HWY 65 AT NORTHERN				
Owner/Manager: Presence: Location: LINCOLN NORTH VERI	UNKNOWN Presumed Exta					
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location:	UNKNOWN Presumed Exta	EST OF HWY 65 AT NORTHERN				
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological:	UNKNOWN Presumed Exta NAL POOLS. WI	EST OF HWY 65 AT NORTHERN ASSLAND.	I CITY LIMITS (1 MILE NOR	TH) OF LI	NCOLN.	
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN	UNKNOWN Presumed Exta NAL POOLS. WI	EST OF HWY 65 AT NORTHERN	I CITY LIMITS (1 MILE NOR	TH) OF LI	NCOLN.	
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN	UNKNOWN Presumed Exta NAL POOLS. WI	EST OF HWY 65 AT NORTHERN ASSLAND.	I CITY LIMITS (1 MILE NOR	TH) OF LI	NCOLN.	
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN Threats: General:	UNKNOWN Presumed Exta NAL POOLS. WI TTERED IN GRA	EST OF HWY 65 AT NORTHERN ASSLAND. HERE. UNABLE TO CONVERT T	OFLORISTIC CLASSIFICA	TH) OF LI	NCOLN. CKS SPP. INFO.	
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN Threats: General:	UNKNOWN Presumed Exta NAL POOLS. WI TTERED IN GRA	EST OF HWY 65 AT NORTHERN ASSLAND.	OFLORISTIC CLASSIFICA	TH) OF LI	NCOLN. CKS SPP. INFO.	SENCE OF
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN Threats: General: SEE WWW.DFG.CA.GC RARE COMMUNITIES.	UNKNOWN Presumed Exta NAL POOLS. WI TTERED IN GRA IA REPORTED	EST OF HWY 65 AT NORTHERN ASSLAND. HERE. UNABLE TO CONVERT T	OFLORISTIC CLASSIFICA	TH) OF LI	NCOLN. CKS SPP. INFO.	SENCE OF
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN Threats: General: SEE WWW.DFG.CA.GC RARE COMMUNITIES.	UNKNOWN Presumed Exta NAL POOLS. WI TTERED IN GRA IA REPORTED DV/BIOGEODAT ec. 09, SE (M)	EST OF HWY 65 AT NORTHERN ASSLAND. HERE. UNABLE TO CONVERT T A/VEGCAMP/NATURAL_COMM_	OFLORISTIC CLASSIFICA	TH) OF LI	NCOLN. CKS SPP. INFO. T AND ADDRESS THE PRES	0
Owner/Manager: Presence: Location: LINCOLN NORTH VERI Detailed Location: SEVERAL POOLS SCA Ecological: CUSCUTA HOWELLIAN Threats: General: SEE WWW.DFG.CA.GC RARE COMMUNITIES. PLSS: T12N, R06E, S	UNKNOWN Presumed Exta NAL POOLS. WI TTERED IN GRA IA REPORTED DV/BIOGEODAT ec. 09, SE (M)	EST OF HWY 65 AT NORTHERN ASSLAND. HERE. UNABLE TO CONVERT T A/VEGCAMP/NATURAL_COMM_ Accuracy:	I CITY LIMITS (1 MILE NOR TO FLORISTIC CLASSIFICA _BACKGROUND.ASP TO IN 1/5 mile	TH) OF LI	NCOLN. CKS SPP. INFO. T AND ADDRESS THE PRES Area (acres):	0

RUB76A0001 RUBTZOFF, P. - SOME VERNAL POOL & RELATED HABITATS WORTHY OF ATTENTION - VERNAL POOLS, THEIR ECOLOGY AND CONSERVATION - A SYMPOSIUM AT DAVIS. 1976-05-02





	34818		EO Index:		3439	
Key Quad:	Lincoln (3812	183)	Element Code:		ICBRA03030	
Occurrence Number:	140		Occurrence Last U	pdated:	2002-03-21	
Scientific Name:	ntific Name: Branchinecta lynchi			Common Name: vernal pool fairy shrimp		
Listing Status:	Federal:	Threatened	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_VL	J-Vulnerable	
CNDDB Element Rank	ks: Global:	G3				
	State:	S3				
General Habitat:			Micro Habitat:			
		THE CENTRAL VALLEY, CENTR/ TNS, IN ASTATIC RAIN-FILLED		ALE, EAR	TER SANDSTONE-DEPRESSIO TH SLUMP, OR BASALT-FLOW	
Last Date Observed:	1998-01-20		Occurrence Type:	Natural/I	Native occurrence	
Last Survey Date:	1998-01-20		Occurrence Rank:	Unknow	n	
Owner/Manager:	PVT-STERLIN	G PACIFIC ASSETS	Trend:	Unknow	n	
Presence:	Presumed Exta	ant				
Location:						
2.1 KM SOUTHWEST	OF LINCOLN IN I	NGRAM SLOUGH, 1.5 KM WSW	OF INTERSECTION OF M	OORE RO	AD AND HIGHWAY 65.	
Detailed Location:						
Detailed Location: LINCOLN CROSSING		NGRAM SLOUGH, 1.5 KM WSW E. 1996: 42 TOTAL POOLS SUR				
Detailed Location: LINCOLN CROSSING Ecological:	MITIGATION SIT	E. 1996: 42 TOTAL POOLS SUR	VEYED. 1998: 20 TOTAL P			
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI	MITIGATION SIT		VEYED. 1998: 20 TOTAL P			
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats:	MITIGATION SIT	E. 1996: 42 TOTAL POOLS SUR	VEYED. 1998: 20 TOTAL P			
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General:	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF	E. 1996: 42 TOTAL POOLS SUR POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA	VEYED. 1998: 20 TOTAL P GRASSLAND.	OOLS SUI	RVEYED.	RVED IN
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General: 1996: POOL #229: <50	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF AREA=10 M X 1	E. 1996: 42 TOTAL POOLS SUR POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA	VEYED. 1998: 20 TOTAL P GRASSLAND.	OOLS SUI	RVEYED.	RVED IN
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General: 1996: POOL #229: <50 POOL #228; SURFACE PLSS: T12N, R06E, 5	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF AREA=10 M X 1	E. 1996: 42 TOTAL POOLS SUR POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA 16 M, DEPTH=18 CM.	VEYED. 1998: 20 TOTAL P GRASSLAND. A=1,177 SQ. METERS, WA ⁻	OOLS SUI	RVEYED. 'H=28.0 CM. 1998: 100'S OBSEF	
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General: 1996: POOL #229: <50 POOL #228; SURFACE PLSS: T12N, R06E, 5	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF AREA=10 M X 1 Sec. 21, SE (M)	E. 1996: 42 TOTAL POOLS SURV POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA 16 M, DEPTH=18 CM. Accuracy:	VEYED. 1998: 20 TOTAL P GRASSLAND. A=1,177 SQ. METERS, WA 80 meters	OOLS SUI	RVEYED. ⁻ H=28.0 CM. 1998: 100'S OBSEF Area (acres):	0
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General: 1996: POOL #229: <50 POOL #228; SURFACE PLSS: T12N, R06E, 3 UTM: Zone-10 N430	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF AREA=10 M X 1 Sec. 21, SE (M)	E. 1996: 42 TOTAL POOLS SURV POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA 16 M, DEPTH=18 CM. Accuracy: Latitude/Longitude:	VEYED. 1998: 20 TOTAL P GRASSLAND. A=1,177 SQ. METERS, WA 80 meters	OOLS SUI	RVEYED. ⁻ H=28.0 CM. 1998: 100'S OBSEF Area (acres):	0
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General: 1996: POOL #229: <50 POOL #228; SURFACE PLSS: T12N, R06E, 3 UTM: Zone-10 N430 County Summary: Placer	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF AREA=10 M X 1 Sec. 21, SE (M)	E. 1996: 42 TOTAL POOLS SURV POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA 16 M, DEPTH=18 CM. Accuracy: Latitude/Longitude: Quad Summary:	VEYED. 1998: 20 TOTAL P GRASSLAND. A=1,177 SQ. METERS, WA 80 meters	OOLS SUI	RVEYED. ⁻ H=28.0 CM. 1998: 100'S OBSEF Area (acres):	0
Detailed Location: LINCOLN CROSSING Ecological: CONSTRUCTED HARI Threats: General: 1996: POOL #229: <50 POOL #228; SURFACE PLSS: T12N, R06E, 3 UTM: Zone-10 N430 County Summary: Placer Sources: SUG96R0001 SUG	MITIGATION SIT DPAN VERNAL P ADULTS OBSEF E AREA=10 M X 7 Sec. 21, SE (M) 04384 E646499 NET & ASSOCIA	E. 1996: 42 TOTAL POOLS SURV POOL IN NON-NATIVE ANNUAL O RVED IN POOL; SURFACE AREA 16 M, DEPTH=18 CM. Accuracy: Latitude/Longitude: Quad Summary:	VEYED. 1998: 20 TOTAL P GRASSLAND. A=1,177 SQ. METERS, WA 80 meters 38.87611 / -121.31115	OOLS SUF	RVEYED. ⁻ H=28.0 CM. 1998: 100'S OBSEF Area (acres): Elevation (feet):	0 144



California Department of Fish and Wildlife



Map Index Number:	33676		EO Index:		30431		
Key Quad:	Roseville (381	2173)	Element Code:		ICBRA03030	CBRA03030	
Occurrence Number:	157		Occurrence Last U	Occurrence Last Updated: 20		014-08-21	
Scientific Name: B	ranchinecta lync	hi	Common Name:	vernal po	ol fairy shrimp		
Listing Status:	Federal:	Threatened	Rare Plant Rank:				
	State:	None	Other Lists:	IUCN_VL	J-Vulnerable		
CNDDB Element Ranks	s: Global:	G3					
	State:	S3					
General Habitat:			Micro Habitat:				
		THE CENTRAL VALLEY, CENTRAL TNS, IN ASTATIC RAIN-FILLED		ALE, EAR	TER SANDSTONE-DEPRESSION TH SLUMP, OR BASALT-FLOV		
Last Date Observed:	1993-01-18		Occurrence Type:	Natural/I	Native occurrence		
Last Survey Date:	1993-01-18		Occurrence Rank:	Unknow	n		
Owner/Manager:	UNKNOWN		Trend:	Unknow	n		
Presence:	Presumed Exta	ant					
Location:							
FROM AUBURN RAVIN	IE TO 1 MILE SO	OUTH OF RAVINE, BETWEEN HIGH	HWAY 65 AND SUN CITY	Y BLVD, LI	NCOLN.		
Detailed Location:							
LOCATION DESCRIBE	D ONLY AS T12	N R6E SECTION 22.					
Ecological:							
NATURAL VERNAL PO	OLS.						
Threats: General:							
		URES SURVEYED ON 18 JAN 199				#05	
PLSS: T12N, R06E, S	· · /	•	nonspecific area		Area (acres):	647	
UTM: Zone-10 N4303	3977 E648043	Latitude/Longitude:	38.87219 / -121.29344		Elevation (feet):	150	
County Summary:		Quad Summary:					
Placer		Roseville (3812173), Line	coln (3812183)				





Key Quad: Li	3675 ncoln (38121) 58	83)	EO Index: Element Code: Occurrence Last U	pdated:	30430 ICBRA03030 2015-05-08	
Scientific Name: Branc	hinecta lynch	i	Common Name:	vernal poo	ol fairy shrimp	
Listing Status:	Federal:	Threatened	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_VU-	-Vulnerable	
CNDDB Element Ranks:	Global:	G3				
	State:	S3				
General Habitat:			Micro Habitat:			
		HE CENTRAL VALLEY, CENTRA NS, IN ASTATIC RAIN-FILLED		ALE, EART	ER SANDSTONE-DEPRESSI TH SLUMP, OR BASALT-FLO	
Last Date Observed: 19	93-02-05		Occurrence Type:	Natural/N	lative occurrence	
Last Survey Date: 19	93-02-05		Occurrence Rank:	Unknown	1	
Owner/Manager: UN	IKNOWN		Trend:	Unknown	1	
Presence: Pre	esumed Extar	nt				
Location:						
NORTH AND EAST OF LIN	COLN MUNC	IPAL AIRPORT, 2 TO 4 MILES N	W OF LINCOLN.			
Detailed Location:						
		NS, T12N R6E SEC 6 & 8; EXAC F SEC 7. SECTION 8 HAS BEEN				CSTS FOUND
Ecological:						
NATURAL SEASONAL WE	FLANDS AND	NATURAL VERNAL POOLS.				
Threats:						
	S BEEN EXT	ENSIVELY DEVELOPED SINCE	1993 (AIR PHOTOS).			
		NDS AND 1 OF 33 VERNAL POO NG 2005 SURVEY WERE NOT ID		93 (SUGNE	T RECORD NUMBERS 93 & 9	94).
PLSS: T12N, R06E, Sec.	08 (M)	Accuracy:	nonspecific area		Area (acres):	1,287
UTM: Zone-10 N4308293	3 E643922	Latitude/Longitude:	38.91175 / -121.34003		Elevation (feet):	125
County Summary:		Quad Summary:				
Placer		Lincoln (3812183)				
Sources:						
	- DRY-SEAS TY. 2005-12-2	ON SAMPLING FOR FEDERALL XX	Y LISTED LARGE BRANC	HIOPODS	AT THE LINCOLN INDUSTRIA	AL PLAZA
	& ASSOCIAT SERVICE) 1	ES - PRINTOUT OF LOCATION 993-XX-XX	(T-R-S) OF FAIRY SHRIM	P SAMPLIN	NG. (OBTAINED FROM THE U	.S. FISH AND





BILDIVERSITY DAST					ural Diversity Databa				
Map Index Nun	nber:	48523			EO Index:		48523		
Key Quad:	ſ	Lincoln (3812	183)		Element Code:		ICBRA03030		
Occurrence Nu	umber:	342			Occurrence Last U	Occurrence Last Updated:			
Scientific Nam	e: Brar	nchinecta lynd	chi		Common Name:	vernal po	ol fairy shrimp		
Listing Status:	:	Federal:	Threatened		Rare Plant Rank:				
		State:	None		Other Lists:	IUCN_VL	J-Vulnerable		
CNDDB Eleme	nt Ranks:	Global:	G3						
		State:	S3						
General Habita	at:				Micro Habitat:				
				- VALLEY, CENTRA TIC RAIN-FILLED		VALE, EAR	TER SANDSTONE-D RTH SLUMP, OR BAS		
_ast Date Obse	erved: 2	010-03-12			Occurrence Type:	Natural/	Native occurrence		
ast Survey Da	ate: 2	010-03-12			Occurrence Rank:	Unknow	'n		
Owner/Manage	ər: P	VT-CONSER	VATION RESO	DURCES	Trend:	Unknow	'n		
Presence:	Р	Presumed Exte	ant						
ocation:									
		ATION BANK	, 5 MILES NW	OF LINCOLN, JUS	T EAST OF HWY 65.				
Detailed Locati	ion:								
	OO A TIONIO				0 0000 40 0000 40 0F 4				
MAPPED TO LO					S, 2002-10. 2006: 10 OF 1 21 & 722). 2010: 40 OF 42				
MAPPED TO LO OCC#722). 200									
MAPPED TO LO OCC#722). 200 Ecological: 756-ACRE PRO)7: 27 OF 3	0 POOLS MA	PPED HERE (SEE ALSO OCC#7		POOLS M	APPED HERE (SEE	ALSO OCC	C#721).
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats:)7: 27 OF 3	0 POOLS MA	PPED HERE (SEE ALSO OCC#7	21 & 722). 2010: 40 OF 42	POOLS M	APPED HERE (SEE	ALSO OCC	C#721).
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Fhreats: General: 10S-100S FOU	07: 27 OF 3 OPERTY W IND IN 6 OF	0 POOLS MA ITH NATURA	.PPED HERE (.L AND CONST SAMPLED 7 JA	SEE ALSO OCC#7 TRUCTED VERNAL	21 & 722). 2010: 40 OF 42 _ POOLS, SWALES & SEA CTED (CASIZ #158781). IN	POOLS M. SONAL WE 11 OF 191	APPED HERE (SEE ETLANDS IN NON-N 1 POOLS, 2006. POS	ALSO OCC	C#721). NUAL
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Fhreats: General: 10S-100S FOU 168 POOLS, 20	07: 27 OF 3 DPERTY W IND IN 6 OF 007. IN 30 C	0 POOLS MA ITH NATURA F 11 POOLS S DF 165 POOL	.PPED HERE (.L AND CONST SAMPLED 7 JA .S, 2008. IN 19	SEE ALSO OCC#7 FRUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO	POOLS M. SONAL WE 11 OF 191	APPED HERE (SEE ETLANDS IN NON-N T POOLS, 2006. POS MAR 2010.	ALSO OCC ATIVE ANN SITIVELY IE	C#721). NUAL DED IN 30 (
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N,	07: 27 OF 3 DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec	0 POOLS MA ITH NATURA F 11 POOLS S DF 165 POOL	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac	SEE ALSO OCC#7 TRUCTED VERNAL	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area	POOLS M. SONAL WE 11 OF 191	APPED HERE (SEE ETLANDS IN NON-N I POOLS, 2006. POS MAR 2010. Area (a	ALSO OCC ATIVE ANN SITIVELY IE cres):	C#721). NUAL
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N, UTM: Zone-1	D7: 27 OF 3 DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292	0 POOLS MA ITH NATURA = 11 POOLS S DF 165 POOL 2. 30 (M)	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat	SEE ALSO OCC#7 TRUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude:	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO	POOLS M. SONAL WE 11 OF 191	APPED HERE (SEE ETLANDS IN NON-N I POOLS, 2006. POS MAR 2010. Area (a	ALSO OCC ATIVE ANN SITIVELY IE	C#721). NUAL DED IN 30 (252
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N, JTM: Zone-1 County Summa	D7: 27 OF 3 DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292	0 POOLS MA ITH NATURA = 11 POOLS S DF 165 POOL 2. 30 (M)	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat Qu	SEE ALSO OCC#7 FRUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary:	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area	POOLS M. SONAL WE 11 OF 191	APPED HERE (SEE ETLANDS IN NON-N I POOLS, 2006. POS MAR 2010. Area (a	ALSO OCC ATIVE ANN SITIVELY IE cres):	C#721). NUAL DED IN 30 (252
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOUL 168 POOLS, 20 PLSS: T13N, JTM: Zone-1 County Summa Placer	D7: 27 OF 3 DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292	0 POOLS MA ITH NATURA = 11 POOLS S DF 165 POOL 2. 30 (M)	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat Qu	SEE ALSO OCC#7 TRUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude:	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area	POOLS M. SONAL WE 11 OF 191	APPED HERE (SEE ETLANDS IN NON-N I POOLS, 2006. POS MAR 2010. Area (a	ALSO OCC ATIVE ANN SITIVELY IE cres):	C#721). NUAL DED IN 30 (252
MAPPED TO LO OCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N, UTM: Zone-1 County Summa Placer Sources:	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary:	0 POOLS MA ITH NATURA 5 11 POOLS S DF 165 POOL 230 (M) 24 E642645	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat Lat	SEE ALSO OCC#7 FRUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: had Summary: coln (3812183)	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378	POOLS M. SONAL WE 11 OF 191 OLS, FEB-	APPED HERE (SEE ETLANDS IN NON-N I POOLS, 2006. POS MAR 2010. Area (a Elevatio	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet):	C#721). NUAL DED IN 30 (252 100
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N, UTM: Zone-1 County Summa Placer Sources:	DPERTY W DPERTY W DD IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA	0 POOLS MA ITH NATURA DF 165 POOL 24 E642645 S, T. (ECORF NKEE SLOU	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat CONSULTING GH OPEN SPA	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE PLACER COUNTY, CALIFO	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008	APPED HERE (SEE ETLANDS IN NON-N POOLS, 2006. POS MAR 2010. Area (a Elevation 5 FEDERALLY-LISTE 3-05-21	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet):	C#721). NUAL DED IN 30 (252 100 HIOPODS
MAPPED TO LO DCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N, JTM: Zone-1 County Summa Placer Sources: COL08R0002	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA ECORP	0 POOLS MA ITH NATURA DF 11 POOLS S DF 165 POOL 24 E642645 S, T. (ECORF NKEE SLOUG CONSULTIN	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat CONSULTING GH OPEN SPA G, INC RESU	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE CLACER COUNTY, CALIFO T SEASON SAMPLING SU	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008	APPED HERE (SEE ETLANDS IN NON-N POOLS, 2006. POS MAR 2010. Area (a Elevation 5 FEDERALLY-LISTE 3-05-21	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet):	C#721). NUAL DED IN 30 252 100 HIOPODS
APPED TO LC DCC#722). 200 Ecological: 256-ACRE PRC GRASSLAND. Threats: 0S-100S FOUL 68 POOLS, 20 PLSS: T13N, JTM: Zone-1 County Summa Placer County Summa Placer COL08R0002 ECO02R0007	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA ECORP SLOUGI ECORP	0 POOLS MA ITH NATURA DF 11 POOLS S DF 165 POOL 3. 30 (M) 24 E642645 S, T. (ECORF NKEE SLOUG CONSULTIN H, PLACER C CONSULTIN	PPED HERE (L AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat CONSULTING GH OPEN SPA G, INC RESU COUNTY, CALI G, INC 90-D	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P JLTS OF 2002 WE FORNIA. 2002-04-0 AY REPORT OF FI	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE CLACER COUNTY, CALIFO T SEASON SAMPLING SU	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008 RVEY FOF DERALLY-I	APPED HERE (SEE ETLANDS IN NON-N POOLS, 2006. POS MAR 2010. Area (a Elevation FEDERALLY-LISTE 3-05-21 R LISTED BRANCHIC	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet):	C#721). NUAL DED IN 30 252 100 HIOPODS YANKEE
APPED TO LC DCC#722). 200 Ecological: 256-ACRE PRC GRASSLAND. Threats: OS-100S FOUL 68 POOLS, 20 PLSS: T13N, JTM: Zone-1 County Summa Placer County Summa Placer COL08R0002 ECO02R0007 ECO06R0014	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA ECORP SLOUGI ECORP YANKEE ECORP	0 POOLS MA ITH NATURA = 11 POOLS S DF 165 POOL 20 E642645 30 (M) 24 E642645 S, T. (ECORF NKEE SLOUG CONSULTIN H, PLACER C CONSULTIN E SLOUGH O CONSULTIN	PPED HERE (AL AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat QU Lin P CONSULTING GH OPEN SPA G, INC RESI COUNTY, CALI G, INC 90-D, PEN SPACE P G, INC 90-D,	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P JLTS OF 2002 WE FORNIA. 2002-04-0 AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE CLACER COUNTY, CALIFO T SEASON SAMPLING SU 02 INDINGS REGARDING FEI	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008 RVEY FOF DERALLY-1 30 DERALLY-1	APPED HERE (SEE ETLANDS IN NON-N POOLS, 2006. POS MAR 2010. Area (a Elevation FEDERALLY-LISTE -05-21 R LISTED BRANCHIOF LISTED BRANCHIOF	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet): D BRANCH DPODS AT	C#721). NUAL DED IN 30 252 100 HIOPODS YANKEE THE
APPED TO LC DCC#722). 200 icological: 56-ACRE PRC GRASSLAND. Threats: General: 0S-100S FOUI 68 POOLS, 20 PLSS: T13N, ITM: Zone-1 County Summa Placer County Summa Placer COL08R0002 CO02R0007 CO06R0014 CO07R0015	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA ECORP SLOUGI ECORP YANKEE ECORP YANKEE ECORP	0 POOLS MA TH NATURA TH NATURA TH POOLS S DF 165 POOL 30 (M) 24 E642645 S, T. (ECORF NKEE SLOUG CONSULTIN H, PLACER C CONSULTIN E SLOUGH O CONSULTIN SLOUGH O CONSULTIN	PPED HERE (AL AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat Qu Lin P CONSULTING GH OPEN SPA G, INC 90-D, PEN SPACE P G, INC 90-D, PEN SPACE P G, INC 90-D, PEN SPACE P G, INC 90-D, PEN SPACE P G, INC 90-D,	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P JLTS OF 2002 WE FORNIA. 2002-04-0 AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA: CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE CACER COUNTY, CALIFO T SEASON SAMPLING SU 02 INDINGS REGARDING FEI ER COUNTY, CA 2006-06-3 INDINGS REGARDING FEI	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008 RVEY FOF DERALLY-1 2007-07-0 DERALLY I	APPED HERE (SEE ETLANDS IN NON-N. I POOLS, 2006. POS MAR 2010. Area (a Elevation 3-05-21 R LISTED BRANCHIOF LISTED BRANCHIOF	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet): D BRANCH DPODS AT PODS FOR	C#721). NUAL DED IN 30 252 100 HIOPODS YANKEE THE THE
MAPPED TO LO OCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOU 168 POOLS, 20 PLSS: T13N, UTM: Zone-1 County Summa Placer	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA ECORP SLOUGH ECORP YANKEE ECORP YANKEE ECORP SLOUGH	0 POOLS MA ITH NATURA = 11 POOLS S DF 165 POOL 20 GM 24 E642645 S, T. (ECORF NKEE SLOUG CONSULTIN H, PLACER C CONSULTIN E SLOUGH O CONSULTIN E SLOUGH O CONSULTIN H OPEN SPA	PPED HERE (AL AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat CONSULTING GH OPEN SPA G, INC RESU OUNTY, CALI G, INC 90-D, PEN SPACE P G, INC 90-D, PEN SPACE P G, INC 90-D, CE PRESERV	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P JLTS OF 2002 WE' FORNIA. 2002-04-0 AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI CRESERVE, PLACE AY REPORT OF FI E, PLACER COUN	21 & 722). 2010: 40 OF 42 - POOLS, SWALES & SEA: CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE 2LACER COUNTY, CALIFO T SEASON SAMPLING SU 02 INDINGS REGARDING FEI ER COUNTY, CALIFORNIA INDINGS REGARDING FEI ER COUNTY, CALIFORNIA INDINGS REGARDING FEI	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008 RVEY FOF DERALLY-1 2007-07-0 DERALLY I 15	APPED HERE (SEE ETLANDS IN NON-N. POOLS, 2006. POS MAR 2010. Area (a Elevation 3-05-21 R LISTED BRANCHIOF LISTED BRANCHIOF LISTED BRANCHIOF	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet): D BRANCH DPODS AT PODS FOR	C#721). NUAL DED IN 30 252 100 HIOPODS YANKEE THE THE
MAPPED TO LO OCC#722). 200 Ecological: 756-ACRE PRC GRASSLAND. Threats: General: 10S-100S FOUI 168 POOLS, 20 PLSS: T13N, UTM: Zone-1 County Summa Placer Sources: COL08R0002 ECO02R0007 ECO06R0014 ECO07R0015 ECO09R0024	DPERTY W DPERTY W ND IN 6 OF 007. IN 30 C R06E, Sec 10 N431292 ary: COLLIN: FOR YA ECORP SLOUGI ECORP YANKEE ECORP SLOUGI ECORP SLOUGI ECORP SLOUGI ECORP	0 POOLS MA ITH NATURA ITH NATURA TH NATUR	PPED HERE (AL AND CONST SAMPLED 7 JA S, 2008. IN 19 Ac Lat CONSULTING GH OPEN SPA G, INC RESI COUNTY, CALI G, INC 90-D, PEN SPACE P G, INC 90-D, CE PRESERV G, INC FIELI G, INC 90-D, CE PRESERV G, INC 90-D, CE PRESERV G, INC 90-D, CE PRESERV G, INC 90-D, CE PRESERV G, INC 90-D, CE PRESERV	SEE ALSO OCC#7 RUCTED VERNAL AN 2002; 6 COLLEC OF 168 POOLS, F curacy: titude/Longitude: ad Summary: coln (3812183) G, INC.) - 90-DAY F ACE PRESERVE, P JLTS OF 2002 WE FORNIA. 2002-04-C AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI PRESERVE, PLACE AY REPORT OF FI CRESERVE, PLACE AY REPORT OF FI CRESERVE, PLACE AY REPORT OF FI CRESERVE, PLACE COUNT D SURVEY FORM AY REPORT OF FI	21 & 722). 2010: 40 OF 42 POOLS, SWALES & SEA: CTED (CASIZ #158781). IN EB 2009. IN 42 OF 160 PO specific area 38.95367 / -121.35378 REPORT OF FINDINGS RE 'LACER COUNTY, CALIFO T SEASON SAMPLING SU 02 INDINGS REGARDING FEI ER COUNTY, CALIFORNIA INDINGS REGARDING FEI ER COUNTY, CALIFORNIA INDINGS REGARDING FEI TY, CALIFORNIA 2009-06-	POOLS M. SONAL WE 11 OF 191 OLS, FEB- GARDING RNIA 2008 RVEY FOF DERALLY-I 2007-07-0 DERALLY-I 2007-07-0 DERALLY I 15 NCHI 2010- DERALLY I	APPED HERE (SEE ETLANDS IN NON-N POOLS, 2006. POS MAR 2010. Area (a Elevation FEDERALLY-LISTE B-05-21 R LISTED BRANCHIOF LISTED BRANCHIOF 05 LISTED BRANCHIOF -03-12	ALSO OCC ATIVE ANN SITIVELY IE cres): on (feet): D BRANCH DPODS AT PODS FOR PODS FOR	C#721). NUAL DED IN 30 252 100 HIOPODS YANKEE THE THE YANKEE



California Natural Diversity Database



DIVERSITY						
Map Index Number:	93457		EO Index:	6362	22	
Key Quad:	Lincoln (3812	183)	Element Code:	ICB	RA03030	
Occurrence Number:	389		Occurrence Last U	pdated: 2014	4-11-13	
Scientific Name: B	ranchinecta lync	hi	Common Name:	vernal pool fairy	/ shrimp	
Listing Status:	Federal:	Threatened	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_VU-Vuln	erable	
CNDDB Element Ranks	s: Global:	G3				
	State:	S3				
General Habitat:			Micro Habitat:			
		THE CENTRAL VALLEY, CENTRA TNS, IN ASTATIC RAIN-FILLED		ALE, EARTH SL	ANDSTONE-DEPRESSI LUMP, OR BASALT-FLO	
_ast Date Observed:	2012-04-03		Occurrence Type:	Natural/Native	occurrence	
ast Survey Date:	2012-04-03		Occurrence Rank:	Good		
Owner/Manager:	PVT-PLACER	LAND TRUST	Trend:	Unknown		
Presence:	Presumed Exta	ant				
ocation:						
OSKETT RANCH OPE	N SPACE PRE	SERVE & SWAINSONS PRESERV	E, NW OF LINCOLN AND	WEST OF HIGH	IWAY 65.	
etailed Location:						
		SEC 9; DETECTIONS 2005, 2008 2012. MAPPED TO LOCATIONS (SWAINSONS PRESER	VE IN TRS
Ecological:						
		IN 117.56-ACRE OPEN SPACE P LSO FOUND. SWAINSONS: VER	,	-		
Threats:						
AND USE CONVERSI	ON IN AREA, PI	ESTICIDE/HERBICIDE USE, TRES	PASSING FROM NEARBY	Y HOUSING DE	/ELOPMENTS (2010).	
General:						
		, 2005; IN 5 POOLS, 2006; IN 3 OF SONS: 100S IN 9 POOLS, 2008; 10				OL, 2009; IN
PLSS: T12N, R06E, S	ec. 05 (M)	Accuracy:	specific area		Area (acres):	97
JTM: Zone-10 N4308	3381 E645298	Latitude/Longitude:	38.91232 / -121.32414		Elevation (feet):	135
County Summary:		Quad Summary:				
, ,,,						

Placer

Lincoln (3812183)





Sources:	
COL08R0001	COLLINS, T. (ECORP CONSULTING, INC.) - 90-DAY REPORT OF FINDINGS REGARDING BRANCHIOPOD ASSESSMENT SURVEY - FOSKETT RANCH OPEN SPACE PRESERVE (BIOLOGICAL OPINION 1-1-99-F-0141) 2008-02-05
COL10R0002	COLLINS, T. (ECORP CONSULTING, INC.) - 90-DAY REPORT OF FINDINGS REGARDING FEDERALLY LISTED BRANCHIOPODS FOR FOSKETT RANCH OPEN SPACE PRESERVE, PLACER COUNTY, CALIFORNIA 2010-05-06
ECO05R0004	BARTLEY, N. (ECORP CONSULTING, INC.) - 90-DAY REPORT OF FINDINGS REGARDING BRANCHIOPOD ASSESSMENT SURVEY, FOSKETT RANCH OPEN SPACE PRESERVE 2005-04-13
ECO06R0010	ECORP CONSULTING, INC 90-DAY REPORT OF FINDINGS REGARDING BRANCHIOPOD ASSESSMENT SURVEY FOSKETT RANCH OPEN SPACE PRESERVE 2006-03-28
ECO07R0007	ECORP CONSULTING, INC 90-DAY REPORT OF FINDINGS REGARDING BRANCHIOPOD ASSESSMENT SURVEY, FOSKETT RANCH OPEN SPACE PRESERVE 2007-06-13
ECO09R0015	ECORP CONSULTING, INC 90-DAY REPORT OF FINDINGS REGARDING FEDERALLY LISTED BRANCHIOPODS FOR FOSKETT RANCH OPEN SPACE PRESERVE, PLACER COUNTY, CALIFORNIA 2009-06-04
PAP12D0001	PAPATHAKIS, C. (VOLLMAR CONSULTING) - SPECIAL STATUS SPECIES COMPILATION BY VOLLMAR NATURAL LANDS CONSULTING 2012-04-XX
VOL08F0001	VOLLMAR, J. (VOLLMAR CONSULTING) - FIELD SURVEY FORM FOR BRANCHINECTA LYNCHI 2008-02-08
WAG10F0007	WAGES, J. (PLACER LAND TRUST) - FIELD SURVEY FORM FOR BRANCHINECTA LYNCHI 2010-02-17





Map Index Num	ber:	64102			EO Index:	64197		
Key Quad:	I	Lincoln (38121	183)		Element Code:	ICBRA0	3030	
Occurrence Nu	Occurrence Number: 392				Occurrence Last U	pdated: 2014-08	-15	
Scientific Name	: Brar	nchinecta lynci	hi		Common Name:	vernal pool fairy shr	imp	
Listing Status:		Federal:	Threater	ned	Rare Plant Rank:			
		State:	None		Other Lists:	IUCN_VU-Vulnerab	le	
CNDDB Elemen	t Ranks:	Global:	G3					
		State:	S3					
General Habitat	:				Micro Habitat:			
				RAL VALLEY, CENTRA STATIC RAIN-FILLED		ALE, EARTH SLUM	DSTONE-DEPRESSIO P, OR BASALT-FLOV	
Last Date Obse	r ved: 2	013-01-29			Occurrence Type:	Natural/Native occ	urrence	
Last Survey Dat	e: 2	013-01-29			Occurrence Rank:	Excellent		
Owner/Manager	: Р	VT-WILDLAN	DS INC		Trend:	Unknown		
Presence:	Р	resumed Exta	int					
Location:								
EAST SHERIDA	N MITIGA	TION BANK, I	N OF RIOS	SA RD BETWEEN THO	USAND OAKS DR & KARC	HNER RD, 2 MILES	ENE OF SHERIDAN	
Detailed Location								
MAPPED TO LO 2005 & 2007 DE			OCCUPIE	D POOLS IN 2011 FIEL	D SURVEY FORM AND 20	013 REPORT (EXAC	T LOCATIONS NOT	GIVEN FOR
Ecological:								
387-ACRE PRES GRAZED ANNU			6.62 ACRE	ES OF NATURALLY-OC	CURRING VERNAL POOL	LS AND SWALES AN	ND CREATED VERNA	AL POOLS IN
Threats:								
General:								
					FOUND IN 1 OF 63 POOL ND IN 7 OF 60 POOLS SA			
PLSS: T13N, F	R06E, Sec	. 08 (M)		Accuracy:	specific area		Area (acres):	38
UTM: Zone-10	0 N431698	30 E644495		Latitude/Longitude:	38.98990 / -121.33158		Elevation (feet):	150
County Summa	ry:			Quad Summary:				
Placer				Lincoln (3812183)				
Sources:								
MUN05F0002	MUNSO	N, S. (WILDL	ANDS, INC	.) - FIELD SURVEY FC	RM FOR BRANCHINECT	A LYNCHI 2005-01-2	5	
MUN11F0007	MUNSO	N, S. (WILDL	ANDS, INC	C.) - FIELD SURVEY FC	RM FOR BRANCHINECT	A LYNCHI 2011-01-2	6	
WIL07R0001	WILDLA	NDS, INC V	ERNAL PO	OOL BRANCHIOPOD S	URVEY, 2007 ANNUAL RE	EPORT 2007-11-XX		
WIL13R0001	WILDLA XX	NDS, INC V	ERNAL PO	OOL BRANCHIOPOD S	URVEY 2013 ANNUAL RE	PORT, FEDERAL PI	ERMIT NO. TE-03587	79-5 2013-06-





Map Index Number:	95361		EO Index:		76121	
Key Quad:	Lincoln (3812183))	Element Code:		ICBRA03030	
Occurrence Number:	622		Occurrence Last U	pdated:	2015-03-02	
Scientific Name: Bra	anchinecta lynchi		Common Name:	vernal poo	l fairy shrimp	
Listing Status:	Federal: Th	hreatened	Rare Plant Rank:			
	State: No	lone	Other Lists:	IUCN_VU	Vulnerable	
CNDDB Element Ranks:	Global: G	3				
	State: St	3				
General Habitat:			Micro Habitat:			
		CENTRAL VALLEY, CENTRA S, IN ASTATIC RAIN-FILLED		VALE, EAR	ER SANDSTONE-DEPRESSION PC TH SLUMP, OR BASALT-FLOW	OLS
Last Date Observed:	2014-02-19		Occurrence Type:	Natural/N	ative occurrence	
Last Survey Date:	2014-02-19		Occurrence Rank:	Fair		
Owner/Manager:	RMB LAND COMP	PANY LLC	Trend:	Unknowr		
Presence:	Presumed Extant					
Location:						
ALONG LINCOLN CANA	L, NEAR HUNGRY	HOLLOW RD & VIRGINIATON	VN RD JCT; ABOUT 1.5 N	II ENE OF	LINCOLN.	
Detailed Location:						
		IUNGRY HOLLOW RD & VIRG '1 (SW POLYGON). 2014: COC			TO COORDINATES GIVEN FOR 2 \ 0' OF VP71 COORDS.	/ERNAL
Ecological:						
		FACE AREAS ABOUT 64.75 & E; IN ANNUAL GRASSLAND. \$			TEMP 11 & 10 DEG C RESPECTIV N, RESIDENTIAL, PASTURE.	ELY;
Threats:						
PROPOSED RESIDENTI	AL DEVELOPMEN	JT (2006, 2014).				
General:						
10S OBSERVED IN 2 PC	OLS ON 12 JAN 2	2006. 4 ADULTS OBSERVED IN	N 1 POOL ON 19 FEB 201	4.		
PLSS: T12N, R06E, Se	c. 11, SE (M)	Accuracy:	specific area		Area (acres): 10	
UTM: Zone-10 N43073	390 E650328	Latitude/Longitude:	38.90254 / -121.26637		Elevation (feet): 210	
County Summary:		Quad Summary:				
Placer		Lincoln (3812183)				
Sources:						
BAL06F0005 BALLA	RD, A. (ECORP CO	ONSULTING, INC.) - FIELD SU	RVEY FORM FOR BRAN	CHINECTA	LYNCHI 2006-01-12	
BAL06F0006 BALLA	RD, A. (ECORP CO	ONSULTING, INC.) - FIELD SU	RVEY FORM FOR BRAN	CHINECTA	LYNCHI 2006-01-12	
HEL14F0007 HELM,	B FIELD SURVE	EY FORM FOR BRANCHINECT	A LYNCHI 2014-02-19			





Map Index Number:	93454		EO Index:	94590
Key Quad: Lincoln (3812183)		183)	Element Code:	ICBRA03030
Occurrence Number:	715		Occurrence Last Up	odated: 2014-08-13
Scientific Name: B	anchinecta lync	hi	Common Name:	vernal pool fairy shrimp
Listing Status:	Federal:	Threatened	Rare Plant Rank:	
	State:	None	Other Lists:	IUCN_VU-Vulnerable
CNDDB Element Ranks	s: Global:	G3		
	State:	S3		
General Habitat:			Micro Habitat:	
		THE CENTRAL VALLEY, CENTRA TNS, IN ASTATIC RAIN-FILLED		EAR-WATER SANDSTONE-DEPRESSION POOLS ALE, EARTH SLUMP, OR BASALT-FLOW LS.
Last Date Observed:	2009-03-13		Occurrence Type:	Natural/Native occurrence
Last Survey Date:	2009-03-13		Occurrence Rank:	Unknown
Owner/Manager:	PVT		Trend:	Unknown
Presence:	Presumed Exta	ant		
Location:				
0.4 MILE ESE OF THE	INTERSECTION	I OF CAMP FAR WEST ROAD AN	D ALDER LANE, ABOUT 3/	/4 MILE NORTH OF SHERIDAN.
Detailed Location:				
MAPPED TO COORDIN	NATES GIVEN F	OR POOL V194 FROM 2009 REP	ORT.	
Ecological:				
888 ACRE STUDY ARE MAKES UP THE MAJO			LANDS, SWALES, AND VE	RNAL POOLS. NON-NATIVE ANNUAL GRASSLAN
Threats:				
General:				
TENS FOUND IN POOL	_ V194 ON 13 M	AR 2009.		
PLSS: T13N, R05E, S	Sec. 12, NW (M)	Accuracy:	80 meters	Area (acres): 0
	,	Latitude/Longitude:	38.99471 / -121.36971	Elevation (feet): 130
UTM: Zone-10 N431		-		
UTM: Zone-10 N431		Quad Summary:		
		Quad Summary: Lincoln (3812183)		





Map Index Number: 93459		EO Index:	94594
Key Quad: Lincoln (38	312183)	Element Code:	ICBRA03030
Occurrence Number: 719		Occurrence Last Up	odated: 2014-11-13
Scientific Name: Branchinecta	ynchi	Common Name:	vernal pool fairy shrimp
Listing Status: Federa	I: Threatened	Rare Plant Rank:	
State:	None	Other Lists:	IUCN_VU-Vulnerable
CNDDB Element Ranks: Global	G3		
State:	S3		
General Habitat:		Micro Habitat:	
ENDEMIC TO THE GRASSLANDS C COAST MTNS, AND SOUTH COAS POOLS.	OF THE CENTRAL VALLEY, CENTRA MTNS, IN ASTATIC RAIN-FILLED		LEAR-WATER SANDSTONE-DEPRESSION POOLS ALE, EARTH SLUMP, OR BASALT-FLOW LS.
Last Date Observed: 2012-04-03		Occurrence Type:	Natural/Native occurrence
Last Survey Date: 2012-04-03		Occurrence Rank:	Unknown
Owner/Manager: PVT-PLACI	ER LAND TRUST	Trend:	Unknown
Presence: Presumed B	Extant		
Location:			
SWAINSONS PRESERVE, FROM A	BOUT 0.5 MI WNW TO 0.8 MI NNW 0	OF INTERSECTION OF LE	BOURGET LN & RICKENBACKER LN, LINCOLN.
Detailed Location:			
	OR OCCUPIED POOLS ON 2008 FIE	LD SURVEY FORM AND F	ROM 2012 SHAPEFILE.
Ecological: VERNAL POOL GRASSLAND PRES DEVELOPMENTS.	ERVE WITH OAK SAVANNA, GRAZ	ED BY CATTLE. SURROUN	NDED BY GRAZING LAND AND HOUSING
Threats:			
General:			
DETECTED IN 5 TO 7 POOLS ON 8	FEB 2008. DETECTED IN 10 POOLS	S ON 17 FEB 2010. DETEC	TED IN 1 POOL ON 3 APR 2012.
PLSS: T12N, R06E, Sec. 05, W (M) Accuracy:	specific area	Area (acres): 46
UTM: Zone-10 N4309118 E64397	3 Latitude/Longitude:	38.91917 / -121.33926	Elevation (feet): 125
County Summary:	Quad Summary:		
Placer	Lincoln (3812183)		
Sources:			
PAP12D0001 PAPATHAKIS, C. CONSULTING 201		L STATUS SPECIES COM	PILATION BY VOLLMAR NATURAL LANDS
	LLMAR CONSULTING) - FIELD SUR	VEY FORM FOR BRANCHI	INECTA LYNCHI 2008-02-08
WAG10F0007 WAGES, J. (PLAC	ER LAND TRUST) - FIELD SURVEY	FORM FOR BRANCHINEC	TA LYNCHI 2010-02-17



California Natural Diversity Database



Map Index Number:	93460		EO Index:	94595		
Key Quad: Lincoln (3812183)		183)	Element Code:	ICBRA03030		
Occurrence Number:	720		Occurrence Last U	pdated: 2014-08-14		
Scientific Name: B	ranchinecta lynci	hi	Common Name:	vernal pool fairy shrimp		
Listing Status:	Federal:	Threatened	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_VU-Vulnerable		
CNDDB Element Rank	s: Global:	G3				
	State:	S3				
General Habitat:			Micro Habitat:			
ENDEMIC TO THE GR/ COAST MTNS, AND SC POOLS.	ASSLANDS OF 1 OUTH COAST M	THE CENTRAL VALLEY, CENTRATNS, IN ASTATIC RAIN-FILLED		LEAR-WATER SANDSTONE-DEPRESSION POOLS VALE, EARTH SLUMP, OR BASALT-FLOW DLS.		
Last Date Observed:	2006-01-17		Occurrence Type:	Natural/Native occurrence		
Last Survey Date:	2006-01-17		Occurrence Rank:	Unknown		
Owner/Manager:	PVT		Trend:	Trend: Unknown		
Presence:	Presumed Exta	nt				
Location:						
0.3 MILE NORTH OF TI	HE INTERSECTI	ON OF NICOLAUS ROAD AND J	OINER PARKWAY, WEST	OF THE SAWMILL, LINCOLN.		
Detailed Location:						
	IN SPACE PRES	SERVE "LOT B." MAPPED TO LO	CATIONS OF OCCUPIED	POOLS #28, 42, AND 43 GIVEN IN 2006 REPORT.		
Ecological:						
	ON 3 LOTS. DE	VELOPMENT ALONG PRESERV	'E BOUNDARIES. LINDERI	IELLA OCCIDENTALIS ALSO FOUND.		
Threats:						
General:						
		OUND IN 3 POOLS, 17 JAN 2006				
PLSS: T12N, R06E, S		Accuracy:	specific area	Area (acres): 7		
UTM: Zone-10 N430	7198 E646200	Latitude/Longitude:	38.90151 / -121.31400	Elevation (feet): 145		
County Summary:		Quad Summary:				
DI .		Lincoln (3812183)				
Placer		· · · · · ·				

RANCH OPEN SPACE PRESERVE 2006-03-28





Map Index Number	:	93461		EO Index:		94596	
Key Quad:		Lincoln (38121	183)	Element Code:		ICBRA03030	
Occurrence Numb	er:	721		Occurrence Last U	pdated:	2014-08-14	
Scientific Name:	Brai	nchinecta lynci	hi	Common Name:	vernal po	ol fairy shrimp	
Listing Status:		Federal:	Threatened	Rare Plant Rank:			
		State:	None	Other Lists:	IUCN_VL	J-Vulnerable	
CNDDB Element R	anks:	Global:	G3				
		State:	S3				
General Habitat:				Micro Habitat:			
			THE CENTRAL VALLEY, CENTRA TNS, IN ASTATIC RAIN-FILLED		VALE, EAR	TER SANDSTONE-DEPRESSION POOLS TH SLUMP, OR BASALT-FLOW	
Last Date Observe	d: 2	010-03-12		Occurrence Type:	Natural/	Native occurrence	
Last Survey Date:	2	010-03-12		Occurrence Rank:	Unknow	'n	
Owner/Manager:	F	VT-CONSER	VATION RESOURCES	Trend:	Unknown		
Presence:	F	Presumed Exta	ant				
Location:							
YANKEE SLOUGH	MITIG	ATION BANK,	1.0 TO 1.1 MILES ESE OF OLD	HIGHWAY 65 AT NADER I	ROAD, 2 M	IILES SE OF SHERIDAN.	
Detailed Location:							
2007: 1 OF 30 OCC	UPIED	POOLS MAP	PPED HERE (SEE ALSO OCC #3	42 & 722). 2010: 2 OF 40 F	POOLS MA	PPED HERE (SEE ALSO OCC #342).	
Ecological:							
756-ACRE PROPEI GRASSLAND.	RTY W	ITH NATURAI	L AND CONSTRUCTED VERNAL	POOLS, SWALES AND S	EASONAL	WETLANDS IN NON-NATIVE ANNUAL	
Threats:							
General:							
DETECTED IN 30 C	F 168	POOLS, 2007	7 (1 MAPPED HERE). DETECTEI	D IN 42 OF 160 POOLS, FE	B-MAR 20	010 (2 MAPPED HERE).	
PLSS: T13N, R06	E, Sec	:. 19, SE (M)	Accuracy:	specific area		Area (acres): 11	
UTM: Zone-10 N	431364	44 E643671	Latitude/Longitude:	38.95999 / -121.34179		Elevation (feet): 115	
County Summary:			Quad Summary:				
Placer			Lincoln (3812183)				
Sources:							
			G, INC 90-DAY REPORT OF FI PEN SPACE PRESERVE, PLACE			LISTED BRANCHIOPODS FOR THE	
ECO10R0004 E	CORP	CONSULTING		NDINGS REGARDING FEI	DERALLY I	LISTED BRANCHIOPODS FOR YANKEE	





Map Index Number:	9:	3462		EO Index:		94597	
Key Quad:	Li	incoln (38121	83)	Element Code:		ICBRA03030	
Occurrence Number	: 72	22		Occurrence Last U	pdated:	2014-08-14	
Scientific Name:	Brand	chinecta lyncł	hi	Common Name:	vernal po	ol fairy shrimp	
Listing Status:		Federal:	Threatened	Rare Plant Rank:			
State:			None	Other Lists:	IUCN_VL	J-Vulnerable	
CNDDB Element Ra	nks:	Global:	G3				
		State:	S3				
General Habitat:				Micro Habitat:			
			HE CENTRAL VALLEY, CENTRA INS, IN ASTATIC RAIN-FILLED		/ALE, EAR	TER SANDSTONE-DEPRESSION POC TH SLUMP, OR BASALT-FLOW	JLS
Last Date Observed	: 20	07-03-14		Occurrence Type:	Natural/I	Native occurrence	
Last Survey Date:	20	07-03-14		Occurrence Rank:	Unknow	n	
Owner/Manager:	P٧	T-CONSER	ATION RESOURCES	Trend:	Unknow	n	
Presence:	Pre	esumed Exta	nt				
Location:							
YANKEE SLOUGH M	IITIGA	TION BANK,	1.0 TO 1.1 MILES ENE OF OLD H	HIGHWAY 65 AT NADER F	ROAD, 2 M	IILES SE OF SHERIDAN.	
Detailed Location:							
2006: 1 OF 11 OCCL	PIED	POOLS MAP	PED HERE (SEE ALSO OCC #34	2). 2007: 2 OF 30 POOLS	MAPPED	HERE (SEE ALSO OCC #342 & 721).	
Ecological:							
756-ACRE PROPER GRASSLAND.	ry wij	TH NATURAL	AND CONSTRUCTED VERNAL	POOLS, SWALES AND S	EASONAL	WETLANDS IN NON-NATIVE ANNUA	L
Threats:							
General:							
DETECTED IN 11 OF	- 191 F	POOLS, 2006	(1 MAPPED HERE). DETECTED	IN 30 OF 168 POOLS, FE	B-MAR 20	07 (2 MAPPED HERE).	
PLSS: T13N, R06E	, Sec.	19, NE (M)	Accuracy:	specific area		Area (acres): 11	
UTM: Zone-10 N4	314687	7 E643494	Latitude/Longitude:	38.96941 / -121.34361		Elevation (feet): 110	
County Summary: Quad Summary:							
Placer			Lincoln (3812183)				
Sources:							
			G, INC 90-DAY REPORT OF FIN PEN SPACE PRESERVE, PLACE			LISTED BRANCHIOPODS FOR THE	
	ORP C		G, INC 90-DAY REPORT OF FIN			LISTED BRANCHIOPODS FOR THE	





Map Index Number:	93463		EO Index:	94598
Key Quad:	Lincoln (3812	183)	Element Code:	ICBRA03030
Occurrence Number: 723		,	Occurrence Last Upd	
			•	
Scientific Name: B	ranchinecta lync	hi	Common Name: v	ernal pool fairy shrimp
Listing Status:	Federal:	Threatened	Rare Plant Rank:	
	State:	None	Other Lists:	JCN_VU-Vulnerable
CNDDB Element Ranks	s: Global:	G3		
	State:	S3		
General Habitat:			Micro Habitat:	
		THE CENTRAL VALLEY, CENTRA TNS, IN ASTATIC RAIN-FILLED	_ , _	AR-WATER SANDSTONE-DEPRESSION POOLS LE, EARTH SLUMP, OR BASALT-FLOW S.
Last Date Observed:	2007-03-09		Occurrence Type:	Natural/Native occurrence
Last Survey Date:	2007-03-09		Occurrence Rank:	Unknown
Owner/Manager:	PVT		Trend:	Unknown
Presence:	Presumed Exta	ant		
Location:				
REDWING PRESERVE	, ABOUT 1.5 MI	SE OF RIOSA RD AT KARCHNER	R RD & 1.6 MI W OF GLADDI	NG RD AT FLEMING RD, SE OF SHERIDAN.
Detailed Location:				
MAPPED TO LOCATIO	NS OF OCCUPI	ED POOLS FROM PROVIDED SH	IAPEFILE.	
Ecological:				
				/E ANNUAL GRASSLAND. SITE LEVELED FOR IDENTALIS CO-OCCURRED IN 4 POOLS.
Threats:				
General:				
TENS TO HUNDREDS	FOUND IN 10 O	F 14 FEATURES SAMPLED 23 FI	EB & 9 MAR 2007.	
PLSS: T13N, R06E, S	ec. 20, NE (M)	Accuracy:	specific area	Area (acres): 192
UTM: Zone-10 N4314	4627 E645114	Latitude/Longitude:	38.96860 / -121.32494	Elevation (feet): 150
County Summary:		Quad Summary:		
		Lincoln (3812183)		
Placer				





Map Index Number:	93464		EO Index:	94599
Key Quad: Lincoln (3812183)		183)	Element Code:	ICBRA03030
Occurrence Number:	724		Occurrence Last Up	pdated: 2014-08-15
Scientific Name: E	Branchinecta lync	hi	Common Name:	vernal pool fairy shrimp
Listing Status:	Federal:	Threatened	Rare Plant Rank:	
	State:	None	Other Lists:	IUCN_VU-Vulnerable
CNDDB Element Rank	s: Global:	G3		
	State:	S3		
General Habitat:			Micro Habitat:	
		THE CENTRAL VALLEY, CENTR/ TNS, IN ASTATIC RAIN-FILLED		LEAR-WATER SANDSTONE-DEPRESSION POOLS /ALE, EARTH SLUMP, OR BASALT-FLOW LS.
Last Date Observed:	2008-06-03		Occurrence Type:	Natural/Native occurrence
Last Survey Date:	2008-06-03		Occurrence Rank:	Unknown
Owner/Manager:	PVT		Trend:	Unknown
Presence:	Presumed Exta	ant		
Location:				
ALONG THE SOUTHW	EST SIDE OF LI	NCOLN BLVD, JUST NORTH OF	THE GLADDING RD JUNC	TION, LINCOLN.
Detailed Location:				
"GLADDING PARKWA	Y PROJECT" SIT	E, MAPPED TO LOCATION GIVE	EN FOR BASIN 5.	
Ecological:				
Threats:				
General:				
FOUND IN 2006/2007 A LYNCHI.	AND 2007/2008 V	VET SEASON SURVEYS. CYSTS	S COLLECTED 3 JUN 2008	WERE HATCHED, REARED, AND IDENTIFIED AS
PLSS: T12N, R06E, S	Sec. 10, SW (M)	Accuracy:	80 meters	Area (acres): 0
UTM: Zone-10 N430	7019 E647611	Latitude/Longitude:	38.89966 / -121.29777	Elevation (feet): 155
County Summary:		Quad Summary:		
Placer Lincoln (3812183)				
FIACEI				





Map Index Number:	93465		EO Index:		94600	
Key Quad: Lincoln (3812183)		183)	Element Code:		ICBRA03030	
Occurrence Number:	725		Occurrence Last U	pdated:	2014-08-15	
Scientific Name: B	Branchinecta lynci	hi	Common Name:	vernal po	ol fairy shrimp	
Listing Status:	Federal:	Threatened	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_VL	J-Vulnerable	
CNDDB Element Rank	s: Global:	G3				
	State:	S3				
General Habitat:			Micro Habitat:			
		THE CENTRAL VALLEY, CENTRA TNS, IN ASTATIC RAIN-FILLED		/ALE, EAR	TER SANDSTONE-DEPRESSION PO TH SLUMP, OR BASALT-FLOW	DOLS
Last Date Observed:	2012-04-06		Occurrence Type:	Natural/I	Native occurrence	
Last Survey Date:	2012-04-06		Occurrence Rank:	Unknow	n	
Owner/Manager:	PVT-WESTER	VELT ECOLOGICAL SVCS	Trend:	Unknow	n	
Presence:	Presumed Exta	int				
Location:						
ABOUT 0.8 MILE NW C	OF W WISE RD A	T GLADDING RD AND 2.2 MILES	EAST OF OLD HWY 65 A	T CHAMB	ERLAIN RD, NORTH OF LINCOLN.	
Detailed Location:						
"HIGHWAY 65 SELE ST	FORAGE OFF-SI	TE MITIGATION PROJECT" SITE	. MAPPED TO LOCATION	S GIVEN I	FOR OCCUPIED POOLS B, C, D AN	DE.
Ecological : 5 CREATED AND 3 NA	TURAL VERNAL	POOLS ON A MITIGATION SITE				
Ecological: 5 CREATED AND 3 NA Threats:	TURAL VERNAL	. POOLS ON A MITIGATION SITE				
Ecological: 5 CREATED AND 3 NA Threats: General:						
Ecological: 5 CREATED AND 3 NA Threats: General:			i.			
Ecological: 5 CREATED AND 3 NA Threats: General: 1S FOUND IN 4 OF TH	E 5 CREATED P		specific area		Area (acres): 11	
Ecological: 5 CREATED AND 3 NA Threats: General: 1S FOUND IN 4 OF TH PLSS: T13N, R06E, S	E 5 CREATED P	OOLS ON 6 APR 2012.			Area (acres): 11 Elevation (feet): 145	
Ecological: 5 CREATED AND 3 NA Threats: General: 1S FOUND IN 4 OF TH PLSS: T13N, R06E, S	E 5 CREATED P Sec. 33, E (M)	OOLS ON 6 APR 2012. Accuracy:	specific area			
Ecological: 5 CREATED AND 3 NA Threats: General: 1S FOUND IN 4 OF TH PLSS: T13N, R06E, S UTM: Zone-10 N431	E 5 CREATED P Sec. 33, E (M)	OOLS ON 6 APR 2012. Accuracy: Latitude/Longitude:	specific area			



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	95355		EO Index:		96488			
Key Quad:	Lincoln (3812	183)	Element Code:		ICBRA03030			
Occurrence Number:			Occurrence Last U	pdated:	2015-03-02			
Scientific Name:	Branchinecta lync	chi	Common Name:	vernal po	ol fairy shrimp			
Listing Status:	Federal:	Threatened	Rare Plant Rank:					
-	State:	None	Other Lists:	IUCN_VL	J-Vulnerable			
CNDDB Element Rank	s: Global:	G3						
	State:	S3						
General Habitat:			Micro Habitat:					
		THE CENTRAL VALLEY, CENTRA ITNS, IN ASTATIC RAIN-FILLED		/ALE, EAR	TER SANDSTONE-DEPRESSI TH SLUMP, OR BASALT-FLO			
Last Date Observed:	2014-06-27		Occurrence Type:	Natural/I	Native occurrence			
Last Survey Date:	2014-06-27		Occurrence Rank:	Unknow	n			
Owner/Manager:	UNKNOWN		Trend:	Trend: Unknown				
Presence:	Presumed Exta	ant						
Location:								
ABOUT 250' NE OF NE	ELSON LN AT RO	OCKWELL LN, 0.7 MILES SW OF	NICOLAUS RD AT WAVEF	RLY DR IN	LINCOLN.			
Detailed Location:								
MAPPED TO PROVIDE	ED COORDINAT	ES.						
Ecological:								
SINGLE VERNAL POC	L WITH ERYNG	IUM SP. & FESTUCA PERENNIS						
Threats:								
General:								
		Y-SEASON SAMPLES TAKEN ON ELY SPECIES BASED ON LOCA		JRVEYOR	COULD NOT PROVIDE DEFI	NITIVE ID, BU		
PLSS: T12N, R06E,	Sec. 17, NW (M)	Accuracy:	80 meters		Area (acres):	0		
UTM: Zone-10 N430	6124 E644004	Latitude/Longitude:	38.89220 / -121.33954		Elevation (feet):	120		
County Summary:		Quad Summary:						
Placer		Lincoln (3812183)						
Sources:								

HEL14F0006 HELM, B. - FIELD SURVEY FORM FOR BRANCHINECTA LYNCHI 2014-06-27



California Department of Fish and Wildlife



	24520		EO Index:	6948	3	
Key Quad:	Lincoln (38121	183)	Element Code:	ICBI	RA06010	
Occurrence Number:	22		Occurrence Last U	pdated: 1993	3-10-04	
Scientific Name: Li	nderiella occider	ntalis	Common Name:	California linder	iella	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_NT-Near	Threatened	
CNDDB Element Ranks	s: Global:	G2G3				
	State:	S2S3				
General Habitat:			Micro Habitat:			
		ASSLANDS WITH OLD ALLUVIA IN SANDSTONE DEPRESSIONS.		OLS HAS VERY	LOW ALKALINITY, CON	DUCTIVIT
Last Date Observed:	1992-03-28		Occurrence Type:	Natural/Native	occurrence	
Last Survey Date:	1992-03-28		Occurrence Rank:	Good		
Owner/Manager:	CALTRANS		Trend:	Unknown		
Presence:	Presumed Exta	int				
Location:						
NORTH SIDE OF HIGH	WAY 193, 2 MIL	ES EAST OF LINCOLN.				
Detailed Location:						
Ecological:						
•		OLS SURROUNDED BY BLUE O DETES HOWELLI. THE FOURTH				
HABITAT CONSISTS O WATER AND ARE DOM Threats:		OM ROAD IMPROVEMENTS PLA	ANNED FOR HIGHWAY 19	3.		
HABITAT CONSISTS O WATER AND ARE DOW Threats: POSSIBLE THREAT TC General:	ONE POOL FR	OM ROAD IMPROVEMENTS PLA D; APPROXIMATELY 30 WERE (3.		
HABITAT CONSISTS O WATER AND ARE DOW Threats: POSSIBLE THREAT TC General: MANY LINDERIELLA W	ONE POOL FR			3.	Area (acres):	2
HABITAT CONSISTS O WATER AND ARE DOW Threats: POSSIBLE THREAT TC General: MANY LINDERIELLA W PLSS: T12N, R06E, S	ONE POOL FR ERE OBSERVE ec. 13, SE (M)	D; APPROXIMATELY 30 WERE C	COLLECTED.	3.	Area (acres): Elevation (feet):	2 235
HABITAT CONSISTS O WATER AND ARE DOW Threats: POSSIBLE THREAT TC General: MANY LINDERIELLA W PLSS: T12N, R06E, S	ONE POOL FR ERE OBSERVE ec. 13, SE (M)	D; APPROXIMATELY 30 WERE (Accuracy:	COLLECTED. specific area	3.	. ,	



California Department of Fish and Wildlife



Map Index Number:	32539		EO Index:		1978	
(ey Quad:	Lincoln (3812	183)	Element Code:		ICBRA06010	
Occurrence Number:	84		Occurrence Last U	pdated:	1995-10-12	
Scientific Name:	inderiella occide	ntalis	Common Name:	California	linderiella	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_NT	-Near Threatened	
CNDDB Element Rank	s: Global:	G2G3				
	State:	S2S3				
Seneral Habitat:			Micro Habitat:			
		RASSLANDS WITH OLD ALLUVIA IN SANDSTONE DEPRESSIONS		OLS HAS V	VERY LOW ALKALINITY, CON	IDUCTIVITY
_ast Date Observed:	1995-04-14		Occurrence Type:	Natural/N	Native occurrence	
ast Survey Date:	1995-04-14		Occurrence Rank:	Unknowi	n	
Owner/Manager:	CALTRANS		Trend:	Unknow	n	
Presence:	Presumed Exta	ant				
_ocation:						
AST OF LINCOLN. PC	OOL ON NORTH	SIDE OF HWY 193; 2.1 KM W O	F SIERRA COLLEGE BLVD).		
Detailed Location:						
Ecological:						
		DDLAND SETTING; VEGETATION OUND MARGINS; BOTTOM COV				
Threats:						
General:						
		2/9, 2/24 & 3/15/95. 51-100 PER IBLE NEW HATCH. MANY TADP			RY SMALL (NEEDED NET TO	SEE)
	Sec. 13, SW (M)	Accuracy:	80 meters		Area (acres):	0
PLSS: T12N, R06E, S	5659 E650791	Latitude/Longitude:	38.88687 / -121.26142		Elevation (feet):	220
JTM: Zone-10 N430		Quad Summary:				
PLSS: T12N, R06E, S UTM: Zone-10 N430: County Summary: Placer		Quad Summary: Lincoln (3812183)				



California Department of Fish and Wildlife



Map Index Numl	ber: 34	4817			EO Index:		3450	
Key Quad:	R	oseville (381	2173)		Element Code:		ICBRA06010	
Occurrence Nun	nber: 14	46			Occurrence Last U	pdated:	2011-04-22	
Scientific Name	: Linde	riella occider	ntalis		Common Name:	California	a linderiella	
Listing Status:		Federal:	None		Rare Plant Rank:			
		State:	None		Other Lists:	IUCN_N	T-Near Threatened	
CNDDB Element	t Ranks:	Global:	G2G3					
		State:	S2S3					
General Habitat:	:				Micro Habitat:			
				S WITH OLD ALLUVI ONE DEPRESSIONS	-	OLS HAS	VERY LOW ALKALINITY, CON	DUCTIVITY,
Last Date Obser	ved: 19	98-03-02			Occurrence Type:	Natural/	Native occurrence	
Last Survey Dat	e: 19	98-03-02			Occurrence Rank:	Unknow	'n	
Owner/Manager	: PV	T-STERLIN	G PACIFIC /	ASSETS	Trend:	Unknow	'n	
Presence:	Pre	esumed Exta	int					
Location:								
	OF HWY 6	65 (NOW BIS	SECTED BY	NEW HWY 65 ROUT	TE) AND S OF AUBURN RA	VINE, CE	NTERED 1.7 MI SW LINCOLN	PO.
LARGE AREA W		65 (NOW BIS	SECTED BY	NEW HWY 65 ROUT	TE) AND S OF AUBURN RA	VINE, CE	NTERED 1.7 MI SW LINCOLN	PO.
LARGE AREA W Detailed Locatio	on: SING MITI	SATION SIT	E. COVERS	PORTIONS OF SEV	,) TOTAL V	WATERBODIES SURVEYED. 1	
LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES	on: SING MITI	SATION SIT	E. COVERS	PORTIONS OF SEV	/ ERAL SECTIONS. 1995: 10) TOTAL V	WATERBODIES SURVEYED. 1	
Detailed Location LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN	DN: SING MITH SURVEYE	GATION SIT D. 1997: 49 D WATERBC	E. COVERS TOTAL WA ⁻ DIES (VERI	PORTIONS OF SEV TERBODIES SURVE	/ERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT) TOTAL V ERBODIE N-NATIVE	NATERBODIES SURVEYED. 19 S SURVEYED. E ANNUAL GRASSLAND. WET	996: 42 TOT
LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN	DN: SING MITH SURVEYE	GATION SIT D. 1997: 49 D WATERBC	E. COVERS TOTAL WA ⁻ DIES (VERI	PORTIONS OF SEV TERBODIES SURVE	/ YERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT WAL WETLANDS) W/IN NO) TOTAL V ERBODIE N-NATIVE	NATERBODIES SURVEYED. 19 S SURVEYED. E ANNUAL GRASSLAND. WET	996: 42 TOT
LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN COMPENSATIO	DN: SING MITH SURVEYE	GATION SIT D. 1997: 49 D WATERBC	E. COVERS TOTAL WA ⁻ DIES (VERI	PORTIONS OF SEV TERBODIES SURVE	/ YERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT WAL WETLANDS) W/IN NO) TOTAL V ERBODIE N-NATIVE	NATERBODIES SURVEYED. 19 S SURVEYED. E ANNUAL GRASSLAND. WET	996: 42 TOT
LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN COMPENSATION Threats: General: 1995: UNKNOWN	DN: SING MITH SURVEYE NUNDATEE N/MITIGAT	GATION SIT D. 1997: 49 D WATERBC ION PRESE	E. COVERS TOTAL WAT DIES (VERI RVE. ADJAG	PORTIONS OF SEV TERBODIES SURVE NAL POOLS, SEASO CENT AREAS HAVE	YERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT WAL WETLANDS) W/IN NO BEEN DEVELOPED FOR R S, FEWER THAN 50 OBS IN) TOTAL V ERBODIE N-NATIVE RESIDENT	NATERBODIES SURVEYED. 19 S SURVEYED. E ANNUAL GRASSLAND. WET	996: 42 TOT/ LAND
LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN COMPENSATION Threats: General: 1995: UNKNOWN OBS IN 27 POOL	n: SING MITH SURVEYE NUNDATEL N/MITIGAT N NUMBER _S. 1998: 1	GATION SIT D. 1997: 49 OWATERBO ION PRESE ODS. 1996 000S OBS II	E. COVERS TOTAL WAT DIES (VERI RVE. ADJAG : 50+ ADULT N 13 POOLS	PORTIONS OF SEV TERBODIES SURVE NAL POOLS, SEASO CENT AREAS HAVE	YERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT WAL WETLANDS) W/IN NO BEEN DEVELOPED FOR R S, FEWER THAN 50 OBS IN) TOTAL V ERBODIE N-NATIVE RESIDENT	NATERBODIES SURVEYED. 19 S SURVEYED. E ANNUAL GRASSLAND. WET FIAL HOUSING BY 2010.	996: 42 TOT/ LAND
LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN COMPENSATION Threats: General: 1995: UNKNOWN OBS IN 27 POOL PLSS: T12N, R	n: SING MITH SURVEYE NUNDATEL N/MITIGAT N NUMBER _S. 1998: 1	GATION SIT D. 1997: 49 O WATERBC ION PRESE ODS. 1996 000S OBS II 29 (M)	E. COVERS TOTAL WAT ODIES (VERI RVE. ADJAG : 50+ ADULT N 13 POOLS	S PORTIONS OF SEV TERBODIES SURVE NAL POOLS, SEASO CENT AREAS HAVE TS OBS IN 28 POOLS S AND 100S OBS IN	VERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT ONAL WETLANDS) W/IN NO BEEN DEVELOPED FOR R S, FEWER THAN 50 OBS IN 1 POOL. specific area) TOTAL V ERBODIE N-NATIVE RESIDENT	NATERBODIES SURVEYED. 19 S SURVEYED. E ANNUAL GRASSLAND. WET FIAL HOUSING BY 2010. S; B. LYNCHI IN SOME POOLS	996: 42 TOT, LAND 5. 1997: 10-10
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LARGE AREA W Detailed Locatio LINCOLN CROS WATERBODIES Ecological: SEASONALLY IN COMPENSATION Threats: General: 1995: UNKNOWN OBS IN 27 POOL PLSS: T12N, R UTM: Zone-10 County Summar Placer	NUNDATEL NUNDATEL N/MITIGAT N NUMBER S. 1998: 1 206E, Sec. N4302877 79:	GATION SIT D. 1997: 49 OWATERBC ION PRESE COBS. 1996 0000S OBS II 29 (M) 7 E645430 & ASSOCIA	E. COVERS TOTAL WAT DDIES (VERI RVE. ADJAG 50+ ADUL N 13 POOLS L L L TES - ANNU	PORTIONS OF SEV TERBODIES SURVE NAL POOLS, SEASO CENT AREAS HAVE TS OBS IN 28 POOLS AND 100S OBS IN Accuracy: Latitude/Longitude: Quad Summary: Roseville (3812173), I	/ERAL SECTIONS. 1995: 10 YED. 1998: 20 TOTAL WAT WAL WETLANDS) W/IN NO BEEN DEVELOPED FOR R S, FEWER THAN 50 OBS IN 1 POOL. specific area 38.86272 / -121.32379 Lincoln (3812183)) TOTAL V ERBODIE	NATERBODIES SURVEYED. 19 IS SURVEYED. E ANNUAL GRASSLAND. WET FIAL HOUSING BY 2010. S; B. LYNCHI IN SOME POOLS Area (acres):	996: 42 TOT LAND 3. 1997: 10-10 219 125
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California Department of Fish and Wildlife

California Natural Diversity Database



Listing Status: Federal: None Rare Plant Rank: State: None Other Lists: IUCN_NT-Near Threatened CNDDB Element Ranks: Global: G2G3 State: S2S3 General Habitat: S2S3 General Habitat: Micro Habitat: With COMPAN OR IN SANDSTONE DEPRESSIONS. WITH OLD ALLUVIAL SRASONAL POOLS IN UMPLOWED GRASSLANDS WITH OLD ALLUVIAL SANDSTONE DEPRESSIONS. WITH POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT AND TDS. Last Date Observed: 2004-03-12 Last Date Observed: 2004-04-26 Cocurrence Rank: Unknown Owner/Manager: PVT Fresumed Extant Location: ABOUT 3 AIR MILES WSW OF LINCOLN, WEST OF NELSON LANE. Detailed Location: COLEMAN PROPERTY. ENTIRE PROJECT SITE WAS MAPPED SINCE REPORT DID NOT SHOW EXACT LOCATION OF ONE VERNAL POOL AND ONE SEASONAL WETLAND CONTAINING L. OCCIDENTALIS. Ecological: PROPERTY CONSISTS OF NON-NATIVE ANNUAL GRASSLAND. Threats: SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) ZONE SEASONAL WETLAND CONTER SITE WAS MAPPED SINCE REPORT DID NOT SHOW EXACT LOCATION OF ONE VERNAL POOL AND ONE SEASONAL WETLAND CONTAINING L. OCCIDENTALIS. Ecological: SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) Couracy: specific area Area (acres): 87 UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 Courty Summary: Quad Summary: QUAD SUMMERY SURVEY CONDUCTED SURVEY CONTER SURVEY CONTER SURVEY CONTER SURVEY CONTER SURVEY CONTER SURVEY CONTER SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) Courty Summary: QUAD Summary: QUAD SUMMARY: QUAD SUMMARY SURVEY SURVEY SURVEY SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) COURT SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) COUR	Map Index Number:	61195		EO Index:		61231	
Scientific Name: Linderiella occidentalia: Common Name: California linderiella Listing Status: Federal: None Rare Plant Rank:: State: None Other Lists: IUCN_NT-Near Threatened CNDDB Element Ranks: Global: G233 State: S283 General Habita: Micro Habitat: SexoNAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS. Micro Habitat: Socurrence Type: Natural/Native occurrence Last Dute Observed: 2004-03-12 Occurrence Rank: Unknown Occurrence Type: Natural/Native occurrence Last Survey Date: 2004-04-26 Occurrence Rank: Unknown Onenrementaria: Occurrence Type: Natural/Native occurrence Datatie Location: Presumed Extant Unknown Occurrence Type: Natural/Native occurrence Datatie Colonaria Immediaties Presumed Extant Unknown Occurrence Type: Natural/Native occurrence Location: Presumed Extant Unknown One SEASONAL WEI NON NATIVE ANNEX Secological: ProPERTY CONSISTS OF NON-NATIVE ANNUAL GRAS	Key Quad:	Lincoln (3812	183)	Element Code:		ICBRA06010	
Listing Status: Federal: None Rare Plant Rank: State: None Other Lists: IUCN_NT-Near Threatened CNDDB Element Ranks: Global: G2G3 State: S2S3 General Habitat: S2S3 General Habitat: S2S3 General Habitat: Micro Habitat: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT SCASONAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SCASONAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SCASONAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SCASONAL POOLS 1N UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SCASONAL POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT AND TDS. Last Date Observed: 2004-03-12 CCurrence Type: Natural/Native occurrence Last Survey Date: 2004-04-26 CCurrence Rank: Unknown Owner/Manager: PVT 'Trend: Unknown Owner/Manager: PVT 'Trend: Unknown Presence: Presumed Extant Location: ABOUT 3 AIR MILES WSW OF LINCOLN, WEST OF NELSON LANE. Detailed Location: COLEMAN PROPERTY. ENTIRE PROJECT SITE WAS MAPPED SINCE REPORT DID NOT SHOW EXACT LOCATION OF ONE VERNAL POOL AND ONE SEASONAL WETLAND CONTAINING L OCCIDENTALIS. Ecological: PROPERTY CONSISTS OF NON-NATIVE ANNUAL GRASSLAND. Threats: SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) <u>Accuracy</u> : specific area <u>Area (acres)</u> 87 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary:	Occurrence Number:	243		Occurrence Last U	pdated:	2005-05-03	
State: None Other Lists: IUCN_NT-Near Threatened CNDDB Element Ranks: Global: G2G3 State: S2S3 State: S2S3 General Habitat: Micro Habitat: Watter In The POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT AND TDS. State: S2S3 State: S2S3 General Habitat: Micro Habitat: Watter In The POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT AND TDS. Last Date Observed: 2004-03-12 Occurrence Type: Natural/Native occurrence Last Date Observed: 2004-04-26 Occurrence Rank: Unknown Owner/Manager: PV Trend: Unknown Presence: Presumed Extant Unknown Unknown Location: Unknown Unknown Unknown ABOUT 3 AIR MILES WSW OF LINCOLN, WEST OF NELSON LANE. Unknown Unknown Unknown Dotal Election: Unknown Unknown Unknown Unknown OULE SASONAL WETLAND CONTAINING L OCCIDENTALIS. Unknown Unknown Unknown Dotal Last Dave SasONAL WETLAND CONTAINING L OCCIDENTALIS. Ecological: POPERTY CONSISTS OF NON-NATIVE ANNUAL GRASSLAND. Ecologica	Scientific Name: L	inderiella occidei	ntalis	Common Name:	California	linderiella	
CNDDB Element Ranks: Global: G2G3 State: S2S3 General Habitat: Micro Habitat: SEASONAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS. WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVIT AND TDS. Last Date Observed: 2004-03-12 Occurrence Type: Natural/Native occurrence Last Survey Date: 2004-04-26 Occurrence Rank: Unknown Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Detailed Location: ABOUT 3 AIR MILES WSW OF LINCOLN, WEST OF NELSON LANE. Detailed Location IC Cocurrence Rank: Unknown Coleman PROPERTY. ENTIRE PROJECT SITE WAS MAPPED SINCE REPORT DID NOT SHOW EXACT LOCATION OF ONE VERNAL POOL AND ONE SEASONAL WETLAND CONTAINING L. OCCIDENTALIS. Ecological: PROPERTY CONSISTS OF NON-NATIVE ANNUAL GRASSLAND. Threats: Freadation: State:	Listing Status:	Federal:	None	Rare Plant Rank:			
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Threats: POTENTIAL DEVELOPMENT. General: SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) Accuracy: specific area Area (acres): 87 UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary: Quad Summary: 120	Ecological:						
POTENTIAL DEVELOPMENT. General: SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) Accuracy: specific area Area (acres): 87 UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary:	PROPERTY CONSISTS	OF NON-NATI	VE ANNUAL GRASSLAND.				
General: SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) Accuracy: specific area Area (acres): 87 UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary: Quad Summary: 120	Threats:						
SURVEY CONDUCTED BETWEEN 10 DEC 2003 & 26 APR 2004, "A FEW" INDIVIDUALS OBSERVED ON 12 MAR 2004. PLSS: T12N, R06E, Sec. 18 (M) Accuracy: specific area Area (acres): 87 UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary: Quad Summary: County Summary: Specific area County Summary: County Summary: County Summary: County Summary: County Summary: Specific area County Summary: County Su	POTENTIAL DEVELOP	MENT.					
PLSS: T12N, R06E, Sec. 18 (M) Accuracy: specific area Area (acres): 87 UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary: Quad Summary: State S	General:						
UTM: Zone-10 N4305084 E643373 Latitude/Longitude: 38.88294 / -121.34703 Elevation (feet): 120 County Summary: Quad Summary:		BETWEEN 10 [DEC 2003 & 26 APR 2004, "A FEV	V" INDIVIDUALS OBSERVI	ED ON 12	MAR 2004.	
County Summary: Quad Summary:	SURVEY CONDUCTED		Accuracy:	specific area		Area (acres):	87
		ec. 18 (M)		20 00204 / 121 24702		Elevation (feet):	400
Placer Lincoln (3812183)	PLSS: T12N, R06E, S	· · /	Latitude/Longitude:	30.002947-121.34703			120
	PLSS: T12N, R06E, S UTM: Zone-10 N430	· · /	-	30.002947-121.34703			120

CRUSTACEANS FOR COLEMAN PROPERTY (PLACER COUNTY, CALIFORNIA) 2004-12-19



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	63530		EO Index:		63623	
Key Quad:	Lincoln (3812	183)	Element Code:		ICBRA06010	
Occurrence Number:	248		Occurrence Last U	pdated:	2005-12-28	
Scientific Name:	inderiella occider	ntalis	Common Name:	California	a linderiella	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_NT	F-Near Threatened	
CNDDB Element Ranks	s: Global:	G2G3				
	State:	S2S3				
General Habitat:			Micro Habitat:			
		ASSLANDS WITH OLD ALLUVIA IN SANDSTONE DEPRESSIONS.		OLS HAS	VERY LOW ALKALINITY, CON	DUCTIVIT
Last Date Observed:	2005-01-10		Occurrence Type:	Natural/	Native occurrence	
Last Survey Date:	2005-01-10		Occurrence Rank:	Good		
Owner/Manager:	PVT-MERITAG	E HOMES	Trend:	Unknow	'n	
Presence:	Presumed Exta	int				
Location:						
FOSKETT RANCH OPE	N SPACE PRES	SERVE, NW OF LINCOLN AND W	EST OF HIGHWAY 65.			
Detailed Location:						
Ecological:						
NATURAL VERNAL PO	OLS IN OPEN S	PACE PRESERVE. DEVELOPME	NT IS TAKING PLACE ALC	ONG THE	PRESERVE BOUNDARY.	
Threats:						
General:						
FOUND IN 5 OF 47 SAM	MPLED POOLS.	BRANCHINECTA LYNCHI ALSO	FOUND HERE.			
PLSS: T12N, R06E, S	ec. 09, NW (M)	Accuracy:	nonspecific area		Area (acres):	55
UTM: Zone-10 N4308	8070 E645813	Latitude/Longitude:	38.90943 / -121.31827		Elevation (feet):	135
County Summary:		Quad Summary:				
		Lincoln (3812183)				
Placer		LINCOIN (3612163)				

FOSKETT RANCH OPEN SPACE PRESERVE 2005-04-13



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	75106		EO Index:		76255	
Key Quad:	Lincoln (3812	183)	Element Code:		ICBRA06010	
Occurrence Number:	377		Occurrence Last Up	odated:	2009-05-26	
Scientific Name:	nderiella occider	ntalis	Common Name:	California	linderiella	
Listing Status:	Federal:	None	Rare Plant Rank:			
	State:	None	Other Lists:	IUCN_NT	-Near Threatened	
CNDDB Element Ranks	s: Global:	G2G3				
	State:	S2S3				
General Habitat:			Micro Habitat:			
		RASSLANDS WITH OLD ALLUVIA IN SANDSTONE DEPRESSIONS.	L WATER IN THE POO AND TDS.	OLS HAS	VERY LOW ALKALINITY, CON	DUCTIVITY
Last Date Observed:	2006-01-12		Occurrence Type:	Natural/I	Native occurrence	
Last Survey Date:	2006-01-12		Occurrence Rank:	Fair		
Owner/Manager:	RMB LAND CC	OMPANY LLC	Trend:	Unknow	n	
Presence:	Presumed Exta	ant				
	Presumed Exta	ant				
Location:		ant GRY HOLLOW RD & VIRGINIATON	WN RD JCT; ABOUT 1.5 M	II ENE OF	LINCOLN.	
Location: ALONG LINCOLN CAN			WN RD JCT; ABOUT 1.5 M	II ENE OF	LINCOLN.	
Location: ALONG LINCOLN CAN, Detailed Location: VERNAL POOL SITE M	AL, NEAR HUNG					W RD &
Location: ALONG LINCOLN CAN/ Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC	AL, NEAR HUNG	GRY HOLLOW RD & VIRGINIATO				W RD &
Location: ALONG LINCOLN CAN, Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE	AL, NEAR HUNG APPED TO PRC T. ERNAL POOL IS	GRY HOLLOW RD & VIRGINIATO	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9	DEGREES
Location: ALONG LINCOLN CANA Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY.	AL, NEAR HUNG APPED TO PRC T. ERNAL POOL IS	GRY HOLLOW RD & VIRGINIATON OVIDED COORDINATES & MAP (\ APPROX 226.62 SQUARE METE	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9	DEGREES
Location: ALONG LINCOLN CAN, Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY.	AL, NEAR HUNG APPED TO PRO T. ERNAL POOL IS VERNAL POOL	GRY HOLLOW RD & VIRGINIATON OVIDED COORDINATES & MAP (\ APPROX 226.62 SQUARE METE	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9	DEGREES
Location: ALONG LINCOLN CAN, Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY. Threats: THREATENED BY PRO	AL, NEAR HUNG APPED TO PRO T. ERNAL POOL IS VERNAL POOL	GRY HOLLOW RD & VIRGINIATON OVIDED COORDINATES & MAP (N 6 APPROX 226.62 SQUARE METE LOCATED WITHIN AN ANNUAL G	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9	DEGREES
Location: ALONG LINCOLN CAN Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY. Threats: THREATENED BY PRC General:	AL, NEAR HUNG APPED TO PRO T. ERNAL POOL IS VERNAL POOL POSED RESIDE	GRY HOLLOW RD & VIRGINIATON OVIDED COORDINATES & MAP (N APPROX 226.62 SQUARE METE LOCATED WITHIN AN ANNUAL G	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9	DEGREES
Location: ALONG LINCOLN CAN, Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY. Threats: THREATENED BY PRC General: 100S OF ADULTS OBS	AL, NEAR HUNG APPED TO PRO T. ERNAL POOL IS VERNAL POOL POSED RESIDE ERVED ON 12 J	GRY HOLLOW RD & VIRGINIATON OVIDED COORDINATES & MAP (N APPROX 226.62 SQUARE METE LOCATED WITHIN AN ANNUAL G	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9	DEGREES
Location: ALONG LINCOLN CAN Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY. Threats: THREATENED BY PRC General: 100S OF ADULTS OBS PLSS: T12N, R06E, S	AL, NEAR HUNG APPED TO PRO T. ERNAL POOL IS VERNAL POOL POSED RESIDE ERVED ON 12 J ec. 11, SE (M)	GRY HOLLOW RD & VIRGINIATON OVIDED COORDINATES & MAP (V APPROX 226.62 SQUARE METE LOCATED WITHIN AN ANNUAL G ENTIAL DEVELOPMENT.	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A BRASSLAND COMMUNITY	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9 HINECTA LYNCHI ALSO OBSE	DEGREES ERVED IN V
Detailed Location: VERNAL POOL SITE M VIRGINIATOWN RD JC Ecological: SURFACE AREA OF VE AT TIME OF SURVEY. Threats: THREATENED BY PRC General: 100S OF ADULTS OBS PLSS: T12N, R06E, S	AL, NEAR HUNG APPED TO PRO T. ERNAL POOL IS VERNAL POOL POSED RESIDE ERVED ON 12 J ec. 11, SE (M)	GRY HOLLOW RD & VIRGINIATON DVIDED COORDINATES & MAP (N APPROX 226.62 SQUARE METE LOCATED WITHIN AN ANNUAL G ENTIAL DEVELOPMENT. IAN 2006 AT VP 73. Accuracy:	/P 73). PRIVATE PROPER ERS, POOL DEPTH WAS A BRASSLAND COMMUNITY	TY LOCA	TED NW OF HUNGRY HOLLO 24 CM & WATER TEMP WAS 9 HINECTA LYNCHI ALSO OBSE Area (acres):	DEGREES RVED IN V

BAL06F0007 BALLARD, A. (ECORP CONSULTING, INC.) - FIELD SURVEY FORM FOR LINDERIELLA OCCIDENTALIS 2006-01-12



California Department of Fish and Wildlife



Map Index Number:	30665		EO Index:	20710		
Key Quad:	Lincoln (38121	83)	Element Code:	PDAST1	1061	
Occurrence Number:	1		Occurrence Last U	Jpdated: 1995-01-	18	
Scientific Name: Ba	alsamorhiza mac	rolepis	Common Name:	big-scale balsamroo	t	
Listing Status:	Federal:	None	Rare Plant Rank:	1B.2		
	State:	None	Other Lists:	BLM_S-Sensitive		
CNDDB Element Ranks	: Global:	G2		USFS_S-Sensitive		
	State:	S2				
General Habitat:		Micro Habitat:				
CHAPARRAL, VALLEY WOODLAND.	AND FOOTHILL	GRASSLAND, CISMONTANE	SOMETIMES ON S	ERPENTINE. 90-155	5 M.	
Last Date Observed:	1939-10-05		Occurrence Type:	Natural/Native occu	irrence	
Last Survey Date:	1939-10-05		Occurrence Rank:	Unknown		
Owner/Manager:	UNKNOWN		Trend:	Unknown		
Presence:	Presumed Exta	nt				
Location:						
TOWN OF LINCOLN.						
Detailed Location:						
MAPPED BY CNDDB IN	VICINITY OF L	INCOLN.				
Ecological:						
SANDY HILLSIDES.						
Threats:						
General:						
LOCALLY FREQUENT.	ANNOTATED B	Y WEBER MARCH 1953. NEEDS	S FIELDWORK.			
PLSS: T12N, R06E, S		Accuracy:	1 mile		Area (acres):	0
UTM: Zone-10 N4306	239 E648065	Latitude/Longitude:	38.89256 / -121.29270		Elevation (feet):	165
County Summary:		Quad Summary:				
Placer		Lincoln (3812183)				



California Department of Fish and Wildlife



Map Index Number:	26037		EO Index:	5224
Key Quad:	Lincoln (38121	83)	Element Code:	PDCAM060C0
Occurrence Number:	62		Occurrence Last Up	odated: 2011-09-21
Scientific Name: De	owningia pusilla		Common Name:	dwarf downingia
Listing Status:	Federal:	None	Rare Plant Rank:	2B.2
	State:	None	Other Lists:	
CNDDB Element Ranks	: Global:	GU		
	State:	S2		
General Habitat:			Micro Habitat:	
VALLEY AND FOOTHIL	L GRASSLAND (MESIC SITES), VERNAL POOLS		POOL MARGINS WITH A VARIETY OF ASSOCIATES. S OF VERNAL POOLS. 1-445 M.
Last Date Observed:	1990-04-18		Occurrence Type:	Natural/Native occurrence
Last Survey Date:	1990-04-18		Occurrence Rank:	None
Owner/Manager:	PVT		Trend:	Unknown
Presence:	Extirpated			
Location:				
EAST OF LAKESIDE RO	DAD, ABOUT 1.6	AIR MILES NORTHWEST OF DO	OWNTOWN LINCOLN.	
Detailed Location:				
TWO POOLS MAPPED	ABOUT 0.5 MILE	SOUTHWEST OF CLAYTON IN	THE SW 1/4 OF THE NW	1/4 AND THE NW 1/4 OF THE SW 1/4 OF SECTION 9.
Ecological:				
				D WITH ERYNGIUM VASEYI, ELEOCHARIS NARIENSIS, PLAGIOBOTHRYS, DOWNINGIA SPP,
Threats:				
DEVELOPMENT.				
General:				
				ENTRATION OF POOLS, MOSTLY ON SAN JOAQUIN RENCE; POPULATION IS PRESUMED EXTIRPATED.
PLSS: T12N, R06E, S	ec. 09, W (M)	Accuracy:	specific area	Area (acres): 10
UTM: Zone-10 N4307	281 E645798	Latitude/Longitude:	38.90232 / -121.31861	Elevation (feet): 140
County Summary:		Quad Summary:		
Placer		Lincoln (3812183)		
Sources:				
MAR89F0006 MART	Z, C FIELD SU	IRVEY FORM FOR DOWNINGIA	PUSILLA 1989-04-28	
MCC90F0017 MCCA	RTEN, N. & R. E	BITTMAN - FIELD SURVEY FORM	I FOR DOWNINGIA PUSIL	LA 1990-04-18
WIT08U0003 WITH	AM, C EMAIL T	O R. BITTMAN REGARDING EX	TIRPATED VERNAL POOL	_ SITES 2008-08-12



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number: Key Quad:	23872 Lincoln (38121	83)	EO Index: Element Code:		5226 PDCAM060C0	
Occurrence Number:	63		Occurrence Last U	pdated:	1994-08-08	
Scientific Name: D	owningia pusilla		Common Name:	dwarf dow	vningia	
Listing Status:	Federal:	None	Rare Plant Rank:	2B.2		
	State:	None	Other Lists:			
CNDDB Element Ranks	s: Global:	GU				
	State:	S2				
General Habitat:			Micro Habitat:			
VALLEY AND FOOTHIL	L GRASSLAND	(MESIC SITES), VERNAL POOLS			ARGINS WITH A VARIETY OF NAL POOLS. 1-445 M.	ASSOCIATES.
Last Date Observed:	1989-04-20		Occurrence Type:	Natural/N	Native occurrence	
Last Survey Date:	1989-04-20		Occurrence Rank:	Good		
Owner/Manager:	PVT		Trend:	Unknowr	า	
Presence:	Presumed Exta	nt				
Location:						
ABOUT 2.2 AIR MILES	NORTHWEST O	F DOWNTOWN LINCOLN, 1.2 RC	DAD MILES SOUTH OF W	ISE ROAD	/ HIGHWAY 65 INTERSECTIO	DN.
Detailed Location:						
LOCATED 700 FEET E	AST OF HIGHW	AY 65 AND 0.7 MILE NORTH OF	ENTRANCE TO CLAY PIT	. WITHIN T	THE SW 1/4 OF THE SW 1/4 O	F SECTION 4.
Ecological:						
		RNAL POOL. ASSOCIATED WIT PHALA, PILULARIA AMERICANA,		,		
Threats:						
AREA GRAZED. LINCO	OLN AREA IS GR	OWING RAPIDLY.				
General:						
		ORE THAN 50 POOLS AND ASS END TO BE LARGER AND DEEP				ROCK WALLS
PLSS: T12N, R06E, S	Sec. 04, SW (M)	Accuracy:	80 meters		Area (acres):	0
UTM: Zone-10 N4308	8723 E645702	Latitude/Longitude:	38.91533 / -121.31941		Elevation (feet):	155
County Summary:		Quad Summary:				
Placer		Lincoln (3812183)				
Sources:						
MAR89F0003 MART	Z. C FIELD SI	JRVEY FORM FOR DOWNINGIA	PUSILLA & GRATIOLA H	ETEROSE	PALA 1989-04-20	

MAR89F0003 MARTZ, C. - FIELD SURVEY FORM FOR DOWNINGIA PUSILLA & GRATIOLA HETEROSEPALA 1989-04-20



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	26039		EO Index:		5228
Key Quad:	Lincoln (3812	183)	Element Code:		PDCAM060C0
Occurrence Number:	64		Occurrence Last U	pdated:	1994-08-08
Scientific Name: D	owningia pusilla		Common Name:	dwarf dov	vningia
Listing Status:	Federal:	None	Rare Plant Rank:	2B.2	
	State:	None	Other Lists:		
CNDDB Element Rank	s: Global:	GU			
	State:	S2			
General Habitat:			Micro Habitat:		
VALLEY AND FOOTHIL	L GRASSLAND.	(MESIC SITES), VERNAL POOLS.			ARGINS WITH A VARIETY OF ASSOCIAT NAL POOLS. 1-445 M.
Last Date Observed:	1990-04-18		Occurrence Type:	Natural/I	Native occurrence
Last Survey Date:	1990-04-18		Occurrence Rank:	Good	
Owner/Manager:	PVT		Trend:	Unknow	n
Presence:	Presumed Exta	ant			
Location:					
VICINITY OF LINCOLN	. 1/4 MILE NORT	TH OF COON CREEK, 1/4 MILE W	EST OF DOWD RD, 1 MIL	E WEST O	OF HWY 65, SOUTH OF SHERIDAN.
Detailed Location:					
SPECIES OCCURS IN	SIX VERNAL PC	OOLS WITHIN THE SE 1/4 OF THE	NW 1/4 OF SECTION 36.		
Ecological:					
NORTHERN HARDPAN			BICORNUTA, RANUNCUL	US BONA	RIENSIS VAR. TRISEPALUS, LYTHRUM
NORTHERN HARDPAN HYSSOPIFOLIA, AND L			BICORNUTA, RANUNCUL	US BONA	RIENSIS VAR. TRISEPALUS, LYTHRUM
HYSSOPIFOLIA, AND L Threats:	ASTHENIA FRE		BICORNUTA, RANUNCUL	US BONA	RIENSIS VAR. TRISEPALUS, LYTHRUM
NORTHERN HARDPAN HYSSOPIFOLIA, AND I Threats: HEAVY CATTLE GRAZ	ASTHENIA FRE		BICORNUTA, RANUNCUL	US BONA	RIENSIS VAR. TRISEPALUS, LYTHRUM
NORTHERN HARDPAN HYSSOPIFOLIA, AND L Threats: HEAVY CATTLE GRAZ General:	_ASTHENIA FRE ING.		BICORNUTA, RANUNCUL	US BONA	RIENSIS VAR. TRISEPALUS, LYTHRUM
NORTHERN HARDPAN HYSSOPIFOLIA, AND L	LASTHENIA FRE ING. ED IN 1990.		BICORNUTA, RANUNCUL 1/5 mile	US BONA	RIENSIS VAR. TRISEPALUS, LYTHRUM Area (acres): 0
NORTHERN HARDPAN HYSSOPIFOLIA, AND L Threats: HEAVY CATTLE GRAZ General: 147 PLANTS OBSERVE PLSS: T13N, R05E, S	LASTHENIA FRE ING. ED IN 1990. Gec. 36, NW (M)	EMONTII.		US BONA	
NORTHERN HARDPAN HYSSOPIFOLIA, AND L Threats: HEAVY CATTLE GRAZ General: 147 PLANTS OBSERVE PLSS: T13N, R05E, S	LASTHENIA FRE ING. ED IN 1990. Gec. 36, NW (M)	EMONTII. Accuracy:	1/5 mile	US BONA	Area (acres): 0
NORTHERN HARDPAN HYSSOPIFOLIA, AND L Threats: HEAVY CATTLE GRAZ General: 147 PLANTS OBSERVE PLSS: T13N, R05E, S UTM: Zone-10 N431	LASTHENIA FRE ING. ED IN 1990. Gec. 36, NW (M)	EMONTII. Accuracy: Latitude/Longitude:	1/5 mile	US BONA	Area (acres): 0

MCC90F0018 MCCARTEN, N. & C. ROGERS - FIELD SURVEY FORM FOR DOWNINGIA PUSILLA 1990-04-18



California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence Number: 65 Occurrence Last Updated: 1994-08 Scientific Name: Downingia pusilla Common Name: dwarf downingia Listing Status: Federal: None Rare Plant Rank: 2B.2 State: None Other Lists: Other Lists: CNDDB Element Ranks: Global: GU State: S2 General Habitat: Micro Habitat: VERNAL LAKE AND POOL MARGINS V VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V Last Date Observed: 1991-04-23 Occurrence Rank: Poor Last Survey Date: 1991-04-23 Occurrence Rank: Poor Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Docurrence Rank: Poor Location: SwaLE WITH NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WetTLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN T General: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HO		
Scientific Name: Downingia pusilla Common Name: dwarf downingia Listing Status: Federal: None Rare Plant Rank: 2B.2 State: None Other Lists: Common Name: dwarf downingia State: None Other Lists: Common Name: dwarf downingia State: S2 State: S2 General Habitat: Micro Habitat: VERNAL LAKE AND POOL MARGINS V /ALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V ast Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ ast Survey Date: 1991-04-23 Occurrence Rank: Poor Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant Poor State: Location: State: State: State: State: SMALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Scological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND 20NTINUES OFF SITE. STHE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN TO Seneral: Ston State State State State Ston Autor Acti	M060C0	
Listing Status: Federal: None Rare Plant Rank: 2B.2 State: None Other Lists: CNDDB Element Ranks: Global: GU State: S2 General Habitat: Micro Habitat: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V IN SEVERAL TYPES OF VERNAL POOL Last Date Observed: 1991-04-23 Last Survey Date: 1991-04-23 Last Survey Date: 1991-04-23 Cocurrence Rank: Poor Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Location: 0.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN T General: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile UTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:)8-08	
State: None Other Lists: CNDDB Element Ranks: Global: GU State: S2 General Habitat: Micro Habitat: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V IN SEVERAL TYPES OF VERNAL POOL Last Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ Last Survey Date: 1991-04-23 Occurrence Rank: Poor Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: SWALE WITH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WeTLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN TGeneral: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile UTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.9195		
CNDDB Element Ranks: Global: GU State: S2 General Habitat: Micro Habitat: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS VIN SEVERAL TYPES OF VERNAL POOL Last Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ Last Survey Date: 1991-04-23 Occurrence Rank: Poor Owner/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Presence: Location: D.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WeTLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN TGeneral: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile UTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County		
State: S2 Seneral Habitat: Micro Habitat: /ALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V IN SEVERAL TYPES OF VERNAL POOL .ast Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ .ast Survey Date: 1991-04-23 Occurrence Rank: Poor Domer/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown .ocation:		
General Habitat: Micro Habitat: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V IN SEVERAL TYPES OF VERNAL POOL Last Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ Last Survey Date: 1991-04-23 Occurrence Rank: Poor Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant Unknown Location: 0.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN TGeneral: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE WAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSULTABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile UTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary: Quad Summary: PLASE		
/ALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS. VERNAL LAKE AND POOL MARGINS V IN SEVERAL TYPES OF VERNAL POOL .ast Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ .ast Survey Date: 1991-04-23 Occurrence Rank: Poor Dwner/Manager: PVT Trend: Unknown Presence: Presumed Extant		
IN SEVERAL TYPES OF VERNAL POO ast Date Observed: 1991-04-23 Occurrence Type: Natural/Native occ ast Survey Date: 1991-04-23 Occurrence Rank: Poor Dwner/Manager: PVT Trend: Unknown Presence: Presumed Extant cocation: 0.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: 0.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN T General: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
Last Survey Date: 1991-04-23 Occurrence Rank: Poor Downer/Manager: PVT Trend: Unknown Presence: Presumed Extant		ASSOCIATE
Dwner/Manager: PVT Trend: Unknown Presence: Presumed Extant	ccurrence	
Presence: Presumed Extant Location:		
Accation: 1.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Scological: VETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN "Seneral: 00 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary: Cuad Summary:		
2.5 MILE SOUTH OF WISE ROAD, WEST OF HIGHWAY 65, NORTHWEST OF LINCOLN. Detailed Location: WALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Geological: VETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN General: 00 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 Quad Summary: Quad Summary:		
Detailed Location: SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Fhreats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN THE PAST. SITE MAY		
SWALE WITHIN THE NORTHWEST CORNER OF PASTURE. SW 1/4 OF NE 1/4 OF SECTION 6. Ecological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN T General: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 Quad Summary: Quad Summary:		
Ecological: WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. "hreats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN "General: 00 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
WETLAND SWALE WITH 70% BARE GROUND / THATCH. ASSOCIATED WITH PLAGIOBOTHRYS BRACTEATA AND CONTINUES OFF SITE. "hreats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN "General: 00 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
CONTINUES OFF SITE. Threats: SITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN General: 100 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
Threats: BITE IS GRAZED BY CATTLE AND HAS BEEN LEVELED AND DISKED IN THE PAST. SITE MAY BE DEVELOPED IN THE PAST. SITE MAY BE) ERYNGIUM VASEYI.	. SWALE
General: 00 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
00 PLANTS OBSERVED IN 1991. LOCATION OF SITE MAKES IT EASY TO AVOID DURING DEVELOPMENT. HOWE MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:	I THE FUTURE.	
MAY ALLOW OTHER SEASONAL WETLAND PLANTS TO DOMINATE, THEREBY MAKING SITE UNSUITABLE FOR D PLSS: T12N, R06E, Sec. 06, NE (M) Accuracy: 1/5 mile JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
JTM: Zone-10 N4309145 E643291 Latitude/Longitude: 38.91953 / -121.34712 County Summary: Quad Summary:		
County Summary: Quad Summary:	Area (acres):	0
	Elevation (feet):	125
Placer Lincoln (3812183)		

DAI91F0009 DAINS, V. - FIELD SURVEY FORM FOR DOWNINGIA PUSILLA 1991-04-23



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	62480		EO Index:	62517
Key Quad:	Lincoln (3812	183)	Element Code:	PDCAM060C0
Occurrence Number:	118		Occurrence Last Up	dated: 2005-09-06
Scientific Name:	Downingia pusilla		Common Name:	dwarf downingia
Listing Status:	Federal:	None	Rare Plant Rank:	2B.2
	State:	None	Other Lists:	
CNDDB Element Ran	ks: Global:	GU		
	State:	S2		
General Habitat:			Micro Habitat:	
VALLEY AND FOOTH	ILL GRASSLAND	(MESIC SITES), VERNAL POOL	-	POOL MARGINS WITH A VARIETY OF ASSOCIAT S OF VERNAL POOLS. 1-445 M.
Last Date Observed:	2005-05-04		Occurrence Type:	Natural/Native occurrence
Last Survey Date:	2005-05-04		Occurrence Rank:	Fair
Owner/Manager:	PVT-RESTOR	ATION RESOURCES	Trend:	Unknown
Presence:	Presumed Exta	ant		
Location:				
REDWING PRESERV	E, ABOUT 1 AIR	MILE NNW OF CHAMBERLAIN R	ANCH, NORTHWEST OF LI	NCOLN.
Detailed Location:				
MAPPED JUST NORT	H OF THE CENT	ER OF SECTION 20.		
Ecological:				
				NSE AREAS OF ELEOCHARIS MACROSTACHYA. TUS STIPITATUS, GRATIOLA EBRACTEATA, AND
Threats:				
CATTLE GRAZING. E	XTENSIVE GRAD	DING OCCURED IN THIS PORTIC	ON OF PROPERY FOR RICE	FARMING, BUT THIS AREA NEVER SEEDED.
General:				
ABOUT 850 PLANTS	OBSERVED IN 20	005.		
PLSS: T13N, R06E,	Sec. 20, NE (M)	Accuracy:	specific area	Area (acres): 2
UTM: Zone-10 N43	14208 E644636	Latitude/Longitude:	38.96491 / -121.33054	Elevation (feet): 140
County Summary:		Quad Summary:		
Placer		Lincoln (3812183)		
Sources:				

GOT05F0002 GOTTSCHALK, E. & P. BRITTON - FIELD SURVEY FORM FOR DOWNINGIA PUSILLA 2005-05-04



California Department of Fish and Wildlife

California Natural Diversity Database



Map Index Number:	62481		EO Index:		62518		
Key Quad:	Lincoln (3812183) 119		Element Code:		PDCAM060C0		
Occurrence Number:			Occurrence Last U	odated:	2005-09-06		
Scientific Name: D	Downingia pusilla		Common Name:	Common Name: dwarf downingia			
Listing Status:	Federal:	None	Rare Plant Rank:	2B.2			
	State:	None	Other Lists:				
CNDDB Element Ranks	: Global:	GU					
	State:	S2					
General Habitat:			Micro Habitat:				
VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS.				VERNAL LAKE AND POOL MARGINS WITH A VARIETY OF ASSOCIATE IN SEVERAL TYPES OF VERNAL POOLS. 1-445 M.			
Last Date Observed:	2005-04-20		Occurrence Type:	Natural/I	Native occurrence		
Last Survey Date:	2005-04-20		Occurrence Rank:	Good			
Owner/Manager:	PVT-RESTOR	ATION RESOURCES	Trend:	Unknown			
Switer/Manager.							
•	Presumed Exta	int					
Presence:	Presumed Exta	int					
Presence: .ocation:		INT R MILE NORTHWEST OF CHAMB	ERLAIN RANCH, NORTHV	VEST OF	LINCOLN.		
Presence: .ocation: REDWING PRESERVE,			ERLAIN RANCH, NORTHV	VEST OF	LINCOLN.		
Presence: .ocation: REDWING PRESERVE, Detailed Location:	ABOUT 0.8 AIR						
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF TH	ABOUT 0.8 AIR	R MILE NORTHWEST OF CHAMB					
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF TH Ecological: N CENTER OF VERNA	ABOUT 0.8 AIR IE NORTHERN : L POOL WITH IS	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPP SOETES AND NAVARRETIA LEU	PED WITHIN THE NE 1/4 C	OF THE S\	N 1/4 OF SECTION 20.		
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF THE Ecological: N CENTER OF VERNA RANUNCULUS BONAR	ABOUT 0.8 AIR IE NORTHERN : L POOL WITH IS	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPF	PED WITHIN THE NE 1/4 C	OF THE S\	N 1/4 OF SECTION 20.	A FREMONTI	
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF THE Ecological: N CENTER OF VERNA RANUNCULUS BONAR	ABOUT 0.8 AIR IE NORTHERN : L POOL WITH IS	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPP SOETES AND NAVARRETIA LEU	PED WITHIN THE NE 1/4 C	OF THE S\	N 1/4 OF SECTION 20.	FREMONTI	
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF THE Ecological: N CENTER OF VERNA RANUNCULUS BONAR Threats: CATTLE GRAZING.	ABOUT 0.8 AIR IE NORTHERN : L POOL WITH IS	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPP SOETES AND NAVARRETIA LEU	PED WITHIN THE NE 1/4 C	OF THE S\	N 1/4 OF SECTION 20.	A FREMONTI	
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF THE Ecological: N CENTER OF VERNA RANUNCULUS BONAR Inreats: CATTLE GRAZING. General:	ABOUT 0.8 AIR IE NORTHERN : L POOL WITH IS IENSIS VAR. TF	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPF SOETES AND NAVARRETIA LEU RISEPALUS, AND ERYNGIUM VA	PED WITHIN THE NE 1/4 C	OF THE S\	N 1/4 OF SECTION 20.	FREMONTI	
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF TH Ecological: N CENTER OF VERNA RANUNCULUS BONAR Threats: CATTLE GRAZING. General: ABOUT 1000 PLANTS C	ABOUT 0.8 AIR IE NORTHERN : L POOL WITH IS IENSIS VAR. TR DBSERVED IN 2	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPF SOETES AND NAVARRETIA LEU RISEPALUS, AND ERYNGIUM VA	PED WITHIN THE NE 1/4 C	OF THE S\	N 1/4 OF SECTION 20.	A FREMONTI	
Presence: Location: REDWING PRESERVE, Detailed Location: N THE CENTER OF THE Cological: N CENTER OF VERNA RANUNCULUS BONAR Threats: CATTLE GRAZING. General: ABOUT 1000 PLANTS (PLSS: T13N, R06E, S	ABOUT 0.8 AIR IE NORTHERN 3 L POOL WITH IS IENSIS VAR. TR DBSERVED IN 2 ec. 20, SW (M)	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPP SOETES AND NAVARRETIA LEU RISEPALUS, AND ERYNGIUM VA	PED WITHIN THE NE 1/4 C COCEPHALA. EDGE OF F SEYI.	OF THE S\	N 1/4 OF SECTION 20.		
Presence: Location: REDWING PRESERVE, Detailed Location: IN THE CENTER OF TH Ecological: IN CENTER OF VERNA RANUNCULUS BONAR Threats: CATTLE GRAZING. General: ABOUT 1000 PLANTS (PLSS: T13N, R06E, S	ABOUT 0.8 AIR IE NORTHERN 3 L POOL WITH IS IENSIS VAR. TR DBSERVED IN 2 ec. 20, SW (M)	R MILE NORTHWEST OF CHAMB 3/4 OF VERNAL POOL 576. MAPP SOETES AND NAVARRETIA LEU RISEPALUS, AND ERYNGIUM VA	PED WITHIN THE NE 1/4 C COCEPHALA. EDGE OF F SEYI. specific area	OF THE S\	N 1/4 OF SECTION 20. RACTERIZED BY LASTHENIA Area (acres):	2	

GOT05F0001 GOTTSCHALK, E. & P. BRITTON - FIELD SURVEY FORM FOR DOWNINGIA PUSILLA 2005-04-20



Occurrence Report California Department of Fish and Wildlife

California Natural Diversity Database



	30665		EO Index:	47154			
Key Quad:	Lincoln (3812183)		Element Code:	PDPLM0C0X1			
Occurrence Number: 12			Occurrence Last Upda	ted: 2002-01-31			
Scientific Name: /	Navarretia myersii ssp. myersii		Common Name: pir	ncushion navarretia			
Listing Status:	Federal:	None	Rare Plant Rank: 1B	8.1			
	State:	None	Other Lists:				
CNDDB Element Rank	s: Global:	G2T2					
	State:	S2					
General Habitat:			Micro Habitat:				
VERNAL POOLS.			CLAY SOILS WITHIN N	CLAY SOILS WITHIN NON-NATIVE GRASSLAND. 45-100 M.			
Last Date Observed:	1971-04-09		Occurrence Type: N	atural/Native occurrence			
Last Survey Date:	1971-04-09		Occurrence Rank: U	nknown			
Owner/Manager:	UNKNOWN		Trend: U	nknown			
Presence:	Presumed Exta	nt					
Location:							
NORTHERN LIMITS O	F LINCOLN, PLA	CER COUNTY.					
Detailed Location:							
EVACE LOCATION UN	KNOWN, MAPPI	ED BY CNDDB IN THE VICINITY (OF LINCOLN.				
Ecological:							
Ecological: RAIN POOL IN VALLE	Y GRASSLAND.						
Ecological: RAIN POOL IN VALLE ^V Threats:	Y GRASSLAND.						
Ecological: RAIN POOL IN VALLE ^N Threats: General:							
Ecological: RAIN POOL IN VALLE ^V Threats: General:		R THIS SITE IS COLLECTION BY	TRUE. NEEDS FIELDWORK.				
Ecological: RAIN POOL IN VALLE ^N Threats: General: ONLY SOURCE OF IN PLSS: T12N, R06E, S	FORMATION FO Sec. 15 (M)	R THIS SITE IS COLLECTION BY Accuracy:	7 TRUE. NEEDS FIELDWORK. 1 mile	Area (acres): 0			
Ecological: RAIN POOL IN VALLE ^N Threats: General: ONLY SOURCE OF IN PLSS: T12N, R06E, S	FORMATION FO						
Ecological: RAIN POOL IN VALLEY Threats: General: ONLY SOURCE OF IN PLSS: T12N, R06E, S	FORMATION FO Sec. 15 (M)	Accuracy:	1 mile	Area (acres): 0			

TRU71S0002 TRUE, G. - TRUE #6473 CAS 1971-04-09



California Department of Fish and Wildlife

California Natural Diversity Database



Key Quad: Lincoln (3812183) Occurrence Number: 31 Scientific Name: Gratiola heterosepala Listing Status: Federal: Non State: End CNDDB Element Ranks: Global: G2 State: S2 General Habitat: MARSHES AND SWAMPS (FRESHWATER), Last Date Observed: 1989-04-20 Last Survey Date: 1989-04-20 Owner/Manager: PVT Presence: Presumed Extant Location: 0.7 MILE N OF ENTRANCE TO CLAY PIT, 1.2	dangered	Element Code: Occurrence Last Up Common Name: Rare Plant Rank: Other Lists: Micro Habitat: CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank: Trend:	pdated: 2013 Boggs Lake he 1B.2 BLM_S-Sensitiv	ve L POOLS, SOMETIMES (ON LAKE
Scientific Name: Gratiola heterosepala Listing Status: Federal: Non State: End CNDDB Element Ranks: Global: G2 State: S2 General Habitat: MARSHES AND SWAMPS (FRESHWATER), Last Date Observed: 1989-04-20 Last Survey Date: 1989-04-20 Owner/Manager: PVT Presence: Presumed Extant Location: V	dangered	Common Name: Rare Plant Rank: Other Lists: Micro Habitat: CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	Boggs Lake he 1B.2 BLM_S-Sensiti ALLY IN VERNAL M. Natural/Native Good	dge-hyssop ve L POOLS, SOMETIMES (ON LAKE
Listing Status: Federal: Non State: End CNDDB Element Ranks: Global: G2 State: S2 General Habitat: MARSHES AND SWAMPS (FRESHWATER), Last Date Observed: 1989-04-20 Last Survey Date: 1989-04-20 Owner/Manager: PVT Presence: Presumed Extant Location:	dangered	Rare Plant Rank: Other Lists: Micro Habitat: CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	1B.2 BLM_S-Sensitin ALLY IN VERNAL 5 M. Natural/Native Good	ve L POOLS, SOMETIMES (ON LAKE
State: End CNDDB Element Ranks: Global: G2 State: S2 General Habitat: MARSHES AND SWAMPS (FRESHWATER), Last Date Observed: 1989-04-20 Last Survey Date: 1989-04-20 Owner/Manager: PVT Presence: Presumed Extant Location: External Content	dangered	Other Lists: Micro Habitat: CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	BLM_S-Sensitiv	L POOLS, SOMETIMES (ON LAKE
CNDDB Element Ranks: Global: G2 State: S2 General Habitat: MARSHES AND SWAMPS (FRESHWATER), Last Date Observed: 1989-04-20 Last Survey Date: 1989-04-20 Owner/Manager: PVT Presence: PVT Presumed Extant Location:	-	Micro Habitat: CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	ALLY IN VERNAI 5 M. Natural/Native Good	L POOLS, SOMETIMES (ON LAKE
State:S2General Habitat:MARSHES AND SWAMPS (FRESHWATER),Last Date Observed:1989-04-20Last Survey Date:1989-04-20Owner/Manager:PVTPresence:PvtLocation:		CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	5 M. Natural/Native Good		ON LAKE
General Habitat:MARSHES AND SWAMPS (FRESHWATER),Last Date Observed:1989-04-20Last Survey Date:1989-04-20Owner/Manager:PVTPresence:Presumed ExtantLocation:	VERNAL POOLS.	CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	5 M. Natural/Native Good		ON LAKE
MARSHES AND SWAMPS (FRESHWATER), Last Date Observed: 1989-04-20 Last Survey Date: 1989-04-20 Owner/Manager: PVT Presence: Presumed Extant Location:	VERNAL POOLS.	CLAY SOILS; USUA MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	5 M. Natural/Native Good		ON LAKE
Last Date Observed:1989-04-20Last Survey Date:1989-04-20Owner/Manager:PVTPresence:Presumed ExtantLocation:	VERNAL POOLS.	MARGINS. 10-2375 Occurrence Type: Occurrence Rank:	5 M. Natural/Native Good		ON LAKE
Last Survey Date:1989-04-20Owner/Manager:PVTPresence:Presumed ExtantLocation:		Occurrence Rank:	Good	occurrence	
Owner/Manager: PVT Presence: Presumed Extant Location:					
Presence: Presumed Extant Location:		Trend:	Unknown		
Location:					
0.7 MILE N OF ENTRANCE TO CLAY PIT, 1.2					
	2 ROAD MILES S OF WISE F	ROAD INTERSECTION, A	BOUT 2.2 AIR M	IILES NW OF LINCOLN.	
Detailed Location:					
700 FT EAST OF HWY 65.					
Ecological:					
ASSOCIATED WITH PLAGIOBOTHRYS STIP NAVARRETIA LEUCOCEPHALA, AND DOWN			STHENIA FREM	ONTII, G. EBRACTEATA	,
Threats:					
AREA GRAZED. LINCOLN AREA GROWING	RAPIDLY; PROPERTY FOR	SALE IN 1989.			
General:	·				
FEWER THAN 200 PLANTS OBSERVED IN 1	1989.				
PLSS: T12N, R06E, Sec. 04, SW (M)	Accuracy:	80 meters		Area (acres):	0
UTM: Zone-10 N4308723 E645702	Latitude/Longitude:	38.91533 / -121.31941		Elevation (feet):	155
County Summary: Quad Summary:					
Placer	Lincoln (3812183)				
Sources:					

MAR89S0003 MARTZ, C. - MARTZ #281 CAS #819336 1989-04-20



California Department of Fish and Wildlife



WDIVERSITY OF				30		
Map Index Number:	30031		EO Index:		5555	
Key Quad:	Lincoln (3812183)		Element Code:		PMJUN011L1	
Occurrence Number: 3			Occurrence Last Updated:		1994-05-27	
Scientific Name: J	uncus leiospermı	ıs var. ahartii	Common Name:	Ahart's d	warf rush	
Listing Status:	Federal:	None	Rare Plant Rank:	1B.2		
	State:	None	Other Lists:			
CNDDB Element Rank	s: Global:	G2T1				
	State:	S1				
General Habitat:			Micro Habitat:			
VALLEY AND FOOTHILL GRASSLAND.		RESTRICTED TO T 100 M.	RESTRICTED TO THE EDGES OF VERNAL POOLS IN GRASSLAND. 3 100 M.			
ast Date Observed:	1990-04-12		Occurrence Type:	Natural/I	Native occurrence	
ast Survey Date:	1990-04-12		Occurrence Rank:	Fair		
Owner/Manager:	PVT		Trend:	Unknow	n	
Presence:	Presumed Exta	Int				
_ocation:						
MILE EAST OF THE	LINCOLN AIRPO	RT, LINCOLN.				
Detailed Location:						
MAPPED 0.85 MILE NO S WEST OF CLAY PIP			H OF HIGHWAY 65 WITHI	N THE NW	/ 1/4 OF THE NW 1/4 OF SECTION 9. SITE	
Ecological:						
					CHAMPSIA DANTHONIOIDES, AND TUS, J. UNCIALIS, GRATIOLA, AND	
Threats:						
UCH DISTURBANCE	BY ORVS, RECI	ENT ROAD CONSTRUCTION, CA	ATTLE GRAZING, AND NE	ARBY DE\	/ELOPMENT.	
General:					NG SOME VERNAL POOLS, NONE OF	
45 PLANTS OBSERVE		E JUNCUS LEIOSPERMUS AHAR	TII. SITE INTERESTING D	UE TO NU	JMEROUS SEEP AREAS.	
45 PLANTS OBSERVE WHICH HAVE BEEN S	HOWN TO HAVE		TII. SITE INTERESTING D 80 meters	UE TO NO	IMEROUS SEEP AREAS. Area (acres): 0	
5 PLANTS OBSERVE VHICH HAVE BEEN S PLSS: T12N, R06E, S	HOWN TO HAVE Sec. 09, NW (M)	JUNCUS LEIOSPERMUS AHAR	80 meters			
5 PLANTS OBSERVE VHICH HAVE BEEN S PLSS: T12N, R06E, S JTM: Zone-10 N430	HOWN TO HAVE Sec. 09, NW (M)	JUNCUS LEIOSPERMUS AHAR Accuracy:	80 meters		Area (acres): 0	
45 PLANTS OBSERVE WHICH HAVE BEEN S PLSS: T12N, R06E, S JTM: Zone-10 N430 County Summary:	HOWN TO HAVE Sec. 09, NW (M)	UNCUS LEIOSPERMUS AHAR Accuracy: Latitude/Longitude:	80 meters		Area (acres): 0	
	HOWN TO HAVE Sec. 09, NW (M)	E JUNCUS LEIOSPERMUS AHAR Accuracy: Latitude/Longitude: Quad Summary:	80 meters		Area (acres): 0	