

July 14, 2005

Project No. 0502-0551

Ventura County Resource Management Agency

Planning Division

800 S. Victoria Avenue

Ventura, California 93009

Attention: Ms. Kim Rodriguez

Subject: Bordiers Nursery @ Moorpark Road (PMW-1174)

Biological Survey of the Deed Restriction Area

Dear Kim:

The purpose of this letter is to provide the results of our biological surveys of the deed restriction area of PMW-1174 (two knolls on APN 500-0-391-14). The surveys were conducted on April 28 and June 17, 2005, consistent with the guidelines established by the California Native Plant Society. The surveys encompassed the spring and early summer blooming period to ensure all special-status plant species were detectable.

The deed restriction area is composed of two small knolls surrounded by tilled fields. The knolls appear to have been cleared of vegetation sometime in the past. However, native shrubs are colonizing the knolls (primarily on the north slope), indicating it has been several years since the last clearing event.

Dominant plant species are disturbance-adapted (weeds) including tocalote (*Centaurea melitensis*), slender wide oats (*Avena barbata*) and summer mustard (*Hirschfeldia incana*). A total of 56 plant species were observed, including 28 (50 percent) native species. A botanical inventory of the deed restriction area is attached. No special-status plant species were observed during botanical surveys, and none are expected based on the lack of suitable habitat.

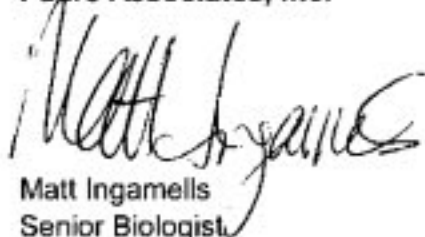
Wildlife species observed during the surveys included fence lizard, red-winged blackbird, red-tailed hawk, turkey vulture, killdeer, house finch, starling, pocket gopher and California ground squirrel. Habitat within the deed restriction area is limited to isolated patches of mostly annual weedy species, with scattered shrubs. These habitat patches are surrounded by intensive row crop agriculture, which fragments these habitat "islands". Breeding habitat is limited to scattered shrubs, mostly on the north-facing slopes of the knolls. This habitat has little value and few species are expected to breed here. Based on literature research and field surveys, no special-status wildlife species were observed or expected to occur within the deed restriction area.

Based on our findings, the deed restriction area does not support sensitive biological resources, and development of this area would not result in any significance impacts to biological resources.

Should you have any questions or need further assistance, please contact me at extension 13 at your earliest convenience.

Sincerely,

Padre Associates, Inc.



Matt Ingamells
Senior Biologist

Attachment: Plant species list

VASCULAR PLANTS OBSERVED WITHIN THE DEED RESTRICTION AREA OF PMW-1174, BORDIERS NURSERY, VENTURA COUNTY, CALIFORNIA

Scientific Name	Common Name	Habit	Family
<i>Amsinckia menziesii</i> var. <i>intermedia</i>	Rancher's fire	AH	Boraginaceae
<i>Anagallis arvensis</i> *	Scarlet pimpernel	AH	Primulaceae
<i>Artemisia californica</i>	California sagebrush	S	Asteraceae
<i>Asclepias fascicularis</i>	Narrowleaf milkweed	PH	Asclepiadaceae
<i>Atriplex semibaccata</i> *	Australian saltbush	PH	Chenopodiaceae
<i>Avena fatua</i> *	Wild oat	AG	Poaceae
<i>Baccharis pilularis</i> [B.p. var. <i>consanguinea</i>]	Coyote brush	S	Asteraceae
<i>Brachypodium distachyon</i> *	False brome	AG	Poaceae
<i>Brassica nigra</i> *	Black mustard	AH	Brassicaceae
<i>Bromus diandrus</i> *	Ripgut grass	AG	Poaceae
<i>Bromus hordeaceus</i> *	Soft chess	AG	Poaceae
<i>Bromus madritensis</i> ssp. <i>rubens</i> *	Red brome	AG	Poaceae
<i>Calochortus clavatus</i> ssp. <i>pallidus</i>	Mariposa lily	PH	Liliaceae
<i>Calystegia macrostegia</i> ssp. <i>cyclostegia</i>	Morning-glory	PV	Convolvulaceae
<i>Carduus pycnocephalus</i> *	Italian thistle	BH	Asteraceae
<i>Castilleja exserta</i> ssp. <i>exserta</i>	Purple owl clover	AH	Scrophulariaceae
<i>Centaurea melitensis</i> *	Tocote	AH	Asteraceae
<i>Convolvulus arvensis</i> *	Bindweed	AV	Convolvulaceae
<i>Conyza canadensis</i>	Horseweed	AH	Asteraceae
<i>Cucurbita foetidissima</i>	Cabazilla	PV	Cucurbitaceae
<i>Daucus pusillus</i>	Rattlesnake weed	PH	Apiaceae
<i>Dichelostemma capitatum</i> ssp. <i>capitatum</i>	Blue dicks	PH	Liliaceae
<i>Epilobium canum</i> ssp. <i>canum</i>	California fuschia	PH	Onagraceae
<i>Eremocarpus setigerus</i>	Dove weed	AH	Euphorbiaceae
<i>Eriogonum elongatum</i>	Wand buckwheat	PH	Polygonaceae
<i>Erodium cicutarium</i> *	Redstem filaree	AH	Geraniaceae
<i>Eschscholzia californica</i>	California poppy	AH	Papaveraceae
<i>Foeniculum vulgare</i> *	Sweet fennel	PH	Apiaceae
<i>Galium angustifolium</i>	Bed-straw	PH	Rubiaceae
<i>Gnaphalium californica</i>	Green everlasting	BH	Asteraceae
<i>Heterotheca grandiflora</i>	Telegraph weed	AH	Asteraceae
<i>Hirschfeldia incana</i> *	Summer mustard	BH	Brassicaceae
<i>Hordeum murinum</i> ssp. <i>leporinum</i> *	Hare barley	AG	Poaceae
<i>Hordeum vulgare</i> *	Barley	AG	Poaceae
<i>Isocoma menziesii</i>	Coastal golden bush	S	Asteraceae
<i>Lactuca serriola</i> *	Prickly wild lettuce	AH	Asteraceae
<i>Lessingia flaginifolia</i> var. <i>flaginifolia</i>	Cudweed-aster	PH	Asteraceae
<i>Leymus condensatus</i>	Giant wildrye	PG	Poaceae
<i>Lolium multiflorum</i> *	Italian rye-grass	AG	Poaceae
<i>Lotus scoparius</i> var. [ssp.] <i>scoparius</i>	Deerweed, California broom	PH	Fabaceae
<i>Lupinus succulentus</i>	Succulent lupine	AH	Fabaceae
<i>Malacothrix saxatilis</i> var. <i>tenuifolia</i>	Malacothrix	PH	Asteraceae
<i>Malva parviflora</i> *	Cheese-weed	AH	Malvaceae
<i>Marrubium vulgare</i> *	White horehound	S	Lamiaceae
<i>Medicago polymorpha</i> *	Bur-clover	AH	Fabaceae
<i>Melilotus indica</i> *	Yellow sweet-clover	AH	Fabaceae
<i>Nassella lepida</i>	Foothill needlegrass	PG	Poaceae
<i>Phacelia cicutaria</i>	Caterpillar phacelia	AH	Hydrophyllaceae
<i>Picris echioides</i> *	Prickly ox tongue	AH	Asteraceae
<i>Polygonum arenastrum</i> *	Common knotweed, doorweed	AH	Polygonaceae
<i>Salsola tragus</i> *	Russian thistle	AH	Chenopodiaceae
<i>Silene gallica</i> *	Windmill pink	AH	Caryophyllaceae
<i>Sonchus oleraceus</i> *	Common sow thistle	AH	Asteraceae
<i>Sisyrinchium bellum</i>	Blue-eyed grass	PH	Iridaceae
<i>Uropappus lindleyi</i>	Silver puffs	AH	Asteraceae
<i>Vicia benghalensis</i> *	Purple vetch	AV	Fabaceae
<i>Vulpia microstachys</i>	Vulpia	AG	Poaceae
<i>Yucca whipplei</i> ssp. <i>whipplei</i>	Our Lord's candle	S	Agavaceae

Notes: Scientific nomenclature follows Hickman (1993)

An "*" indicates non-native species which have become naturalized or persist without cultivation.

Habit definitions:

Habitat Definitions:

Abundance Definitions:

VASCULAR PLANTS OBSERVED WITHIN THE DEED RESTRICTION AREA OF PMW-1174, BORDIERS NURSERY, VENTURA COUNTY, CALIFORNIA

AF = annual fern or fern ally.
AG = annual grass.
AH = annual herb.
BH = biennial herb.
PF = perennial fern or fern ally
PG = perennial grass.
PH = perennial herb.
PV = perennial vine.
S = shrub.
T = tree.

CS = Coastal scrub
CH = Mixed chaparral
AG = Annual grassland
D = Disturbed areas

R = Rare (on-site)
U = Uncommon
C = Common
A = Abundant/dominant
