

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
Jasp 0005		03/27/08	N Chiariello, D Shorrocks

GPS waypoint #: 4 GPS name: 176 GPS datum: (e.g. NAD 83) NAD83 Zone: (10S) / 10T / 11S (circle one)
 UTM field reading: UTM E 5 6 7 5 2 0 UTM N 4 1 3 9 6 7 6 GPS Error: ± 15.4 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 365 (ft) m Photograph #s: N 420⁸ 4208, 4209, 4210, 411, 412 (additional for landmark) 50°

Geology code: CLAL Soil Texture code: MFCL | Upland or (Wetland/Riparian) (circle one)
 Topography: Macro: top upper mid lower (bottom) | Micro: convex (flat) concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 0 Bare/Fine: 5 Litter: 85 BA Stems: (10) Water: 0

Slope exposure, Actual °: flat General: NE NW SE SW (Flat) Variable (All) (circle one) *but these are from last year*

Slope steepness, Actual °: 0 General: (0°) 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre / 1-5 acres / >5 acres Plot: Yes (No) If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: homogeneous stand of Typha biticum two willow stands. Stand is last year's dead stems; new shoots just coming up. Old stand had 80% herbaceous cover. Area is SW of inlet of Corte Madera Creek. wetland created by Scarville Dam (1890s) & subsequent sedimentation

Type/ Level of disturbance codes: none / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.) (H2 (>12" ht.)) % Non-Vasc cover: 0 Total % Vasc Veg cover: 1

% Cover - Overstory Tree Conifer/Hardwood: 1 Low-Medium Tree: 1 Shrub: 1 Herbaceous: <1

Height Class - Overstory Conifer/Hardwood: 1 Low-Medium Tree: 1 Shrub: 1 Herbaceous: 01 (this year's shoot)

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
H	<i>Typha angustifolia</i>	<1			
H	<i>Urtica dioica</i>	<1			
H	(thistle - photo)	<1			
H	<i>Cardamine oligosperma</i>	<1			
H	<i>Artemisia douglasiana</i>	<1			

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Typha angustifolia

Field-assessed association name (optional): _____

Adjacent alliances: Salix lucida SE 1

Confidence in alliance identification: L M (H) Explain: Note: this year's shoots just coming up.

Other identification problems: early phenology

Has the vegetation changed since air photo taken? Yes (No) If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JASP 002		03/26/08	N. Chiariello, P. Heiple, D. Shorrock, RW, NC, CD, JG

GPS waypoint #: 003 GPS name: 176 GPS datum: (e.g. NAD 83) Zone: (10S) 10T / 11S (circle one)

UTM field reading: UTME 568280 UTMN 4140171 GPS Error: ± 10 (ft)/m

Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 574 (ft) m Photograph #'s:

Geology code: SERP Soil Texture code: MESA | (Upland) or Wetland/Riparian (circle one)

Topography: Macro: top (upper) mid lower bottom | Micro: (convex) flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock 7 Bare/Fine: 55 Litter: 35 BA Stems: 2 Water: 0

Slope exposure, Actual °: 250 General: NE NW SE (WSW) Flat Variable/All (circle one)

Slope steepness, Actual °: 15 General: 0° 1-5° (5-25) > 25° (circle one)

Size of stand: <1 acre ___ 1-5 acres ___ >5 acres Plot: Yes (No) If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: aspect is average of 2 exposures; unburned for centuries at least; steeper to W and S; shrubs shorter as you go down the slope some Adenostoma renescent or dead; heavy lichen cover on shrub stems

Type/ Level of disturbance codes: _____ / _____ / _____ / _____ / _____ / _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 6 Total % Vasc Veg cover: 65

% Cover -Overstory Tree Conifer/Hardwood: _____ / _____ Low-Medium Tree: _____ Shrub: 55 Herbaceous: 20

Height Class - Overstory Conifer/Hardwood: _____ / _____ Low-Medium Tree: _____ Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	<u>Moss</u>	<u>5</u>			
S	<u>Rhamnus crocea</u>	<u><1</u>	H	<u>Mimodilla villosa</u>	<u>1</u>
S	<u>Rhamnus californica</u>	<u>1</u>			
S	<u>Heteromeles</u>	<u>2</u>	S	<u>Enophyllum lanatum</u>	<u><1</u>
	<u>Marah fabaceus</u>	<u><1</u>	S	<u>Q. durata</u>	<u>20</u>
H	<u>Achillea millefolium</u>	<u>2</u>	S	<u>adenostoma fasciculatum</u>	<u>30</u>
H	<u>Lomatium macrocarpum</u>	<u>3</u>	H	<u>Lessingia glandulifera ?</u>	<u>4</u>
H	<u>Lomatium dasycarpum</u>	<u>2</u>	H	<u>Nassella</u>	<u><1</u>
H	<u>Chlorogalum pomeridianum</u>	<u>3</u>	H	<u>Sarcobata</u>	<u><1</u>
S	<u>Toxicodendron</u>	<u><1</u>	S	<u>Q. agrifolia</u>	<u>4</u>
Unusual species: <u>Mimulus douglasii <1%</u>			<u>D. Lichen</u>		<u>7</u>

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus durata

Field-assessed association name (optional): Adenostoma - Q. durata

Adjacent alliances: Adenostoma W 1 Q. agrifolia S

Confidence in alliance identification: L M (H) Explain: dominant & clearly identifiable

Other identification problems: grasses?, Lomatium?, phenology early

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

with respect to

71

73

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JRSP 0002	JRSP SITE 2005 NINT	032808	TRAVIS KENTH, J. PURIFICATION, J. SHERMAN
GPS waypoint #:	GPS name:	GPS datum:	Zone:
037	JOSIE	(e.g. NAD 83)	10S / 10T / 11S (circle one)
UTM field reading:	UTME	UTMN	GPS Error:
	5 6 9 2 1 3	4 1 3 9 7 3 2	±12.6 m
Is GPS within stand? <input checked="" type="radio"/> Yes <input type="radio"/> No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)			
Elevation: 643 ft/m Photograph #'s: Jessica 2381(N) - 2384(W)			
Geology code: SERP Soil Texture code: FISC <input checked="" type="radio"/> Upland or <input type="radio"/> Wetland/Riparian (circle one)			
Topography: Macro: <input checked="" type="radio"/> top upper mid lower bottom Micro: <input checked="" type="radio"/> convex flat concave undulating (circle one)			
% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 1 Bare/Fine: <1 Litter: 95 BA Stems: 3 Water: 0			
Slope exposure, Actual °: 350 General: <input checked="" type="radio"/> NE <input type="radio"/> NW <input type="radio"/> SE <input type="radio"/> SW Flat Variable /All (circle one)			
Slope steepness, Actual °: 1.5 General: 0° <input checked="" type="radio"/> 1-5° <input type="radio"/> 5-25° <input type="radio"/> >25° (circle one)			
Size of stand: <1 acre <input checked="" type="checkbox"/> 1-5 acres _____ >5 acres _____ Plot: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, denote size: 100 m² / 400m² / 1000 m² / Other			

Site history, stand age, and comments: ~~TRAIL~~ BOXWOODS NORTH SLOPE, STAND ON TOP OF KNOLL, FLAT. INDIAN WARRIOR IN FULL BLOOM, ASTER IN EARLY PHENOLOGY. QUERCUS DOLATA WITH LOW UPOCCASITY ON SERPENTINE. 4 WOODRAT NESTS WITHIN STAND

Type/ Level of disturbance codes: 05/L 15/L / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 61

% Cover -Overstory Tree Conifer/Hardwood: - / 18 Low-Medium Tree: <1 Shrub: 2 Herbaceous: 22

Height Class - Overstory Conifer/Hardwood: - / 05 Low-Medium Tree: 03 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	TOXICODENDRON DIVERSILOBUM	5		ZIGANAS FREMONTII	1
	ADENOSTOMA FASCICULATUM	1		SANICULA GRASSICULUS	2
	UMBELLULARIA CALIFORNICA	1		ARTEMISIA (ASTER?)	7
	LAMNUS CALIFORNICA	2		QUERCUS DOLATA	38
	NYCTHA ANGSTIFOLIA	5		QUERCUS AGRIFOLIA	5
	PLANTAGO OLECEA	2			
	ACTINER MILLEFOLIUM	<1			
	CHOROGALUM POWERSII				
	HELIOPSIS ANAETHIFOLIA	<1			

Unusual species: SMILUXINIA STELATA

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: QUERCUS DOLATA

Field-assessed association name (optional): _____

Adjacent alliances: ~~ADENOSTOMA FASCICULATUM~~ 19E

Confidence in alliance identification: L M H Explain: _____

Other identification problems: UNABLE TO IDENTIFY ASTER SP.

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed? _____

Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: JRBP-0005 Air photo #: _____ Date: 09-27-08 Name(s) of surveyors: B. Close R Wilson Bleuber

GPS waypoint #: 005 GPS name: B. Close GPS datum: (e.g. NAD 83) _____ Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 5 6 9 2 0 6 UTM N 4 1 3 9 7 7 2 GPS Error: ± 20.2 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 633 ft m Photograph #'s: Josie's camera #2077-2080 N-E-S-W

Geology code: SERP Soil Texture code: maxmet Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 1% Bare/Fine: 0 Litter: 97% Stems: 2% Water: 0

Slope exposure, Actual $^{\circ}$: 32 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual $^{\circ}$: 4% General: 0° $1-5^{\circ}$ $5-25^{\circ}$ $>25^{\circ}$ (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: old stand (all oaks individual Umbellulacia calm in middle of stand. covered with lichen)
stand is overmature - very tall for Q durata but not >25% dead.
Canopy rather open, more than usual cover in understory

Type/ Level of disturbance codes: _____ / _____ / _____ / _____ / _____ / "Other" Fire suppression

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2% Total % Vasc Veg cover: 28%

% Cover - Overstory Tree Conifer/Hardwood: - / 47% Low-Medium Tree: - Shrub: 23% Herbaceous: 7%

Height Class - Overstory Conifer/Hardwood: - / 04 Low-Medium Tree: - Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

2% non-vascular

lichen on trees? downed wood?

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	<i>Umbellulacia calyc</i>	<1%		<i>Ribes coteformicum</i>	<1%
S	<i>Quercus durata</i>	20%		<i>Galium</i> sp	<1%
S	<i>Arenostoma fasciculata</i>	<1%		<i>Elymus glaucus</i> g.	<1%
H	<i>Wyethia angustifolia</i>	1%		<i>Lomatium dasycarpum</i>	<1%
H	<i>Pedicularis densiflora</i>	1%	S	<i>Heteromeles arbutifolia</i>	<1%
H	<i>Urnardella villosa</i> v.	<1%	S	<i>Lepechinia californica</i>	<1%
H	<i>Chlorogalum pomeridianum</i>	4%		<i>Aster</i> sp(?)	<1%
H	<i>Sambuca crassicaulis</i>	<1%		<i>Marah</i> cf <i>fabaceus</i>	<1%
S	<i>Rhamnus californica</i>	2%		<i>Smilacina racemosum</i>	<1%
S	<i>Toxicodendron diversilobum</i>	<1%		<i>Cymopteron-like Composite</i>	<1%

Unusual species: Chlorogalum Trillium chloropetalum <1% Ribes calyc <1%

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus durata

Field-assessed association name (optional): Quercus durata - Rhamnus californica

Adjacent alliances: Serpentine grassland (Nassella - Elymus elymoides) Arenostoma f;

Confidence in alliance identification: L M H Explain: Quercus agrifolia

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

Stachys <1% Polygala 1%

For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: Air photo #: Date: Name(s) of surveyors: JBC(S)CP

JASP0002 3/28/03 Chad Schmid

GPS waypoint #: 002 GPS name: Gannan GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 56 8 0 4 8 UTM N 4 1 3 9 3 5 5 GPS Error: ± 5 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 451 ft/m Photograph #'s: 31-34 JB's camera

Geology code: METU Soil Texture code: MFCL Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock <1 Bare/Fine: 2 Litter: 92 BA Stems: 5% Water: 0

Slope exposure, Actual °: 206° General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 6° General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: Mature stand of mixed oaks. Moderate level of herbaceous invasive species. No major signs of recent fire or grazing activities. Some signs of recreational use from adjacent path to the North.

Type/ Level of disturbance codes: 05/M / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 1 Total % Vasc Veg cover: 55

% Cover -Overstory Tree Conifer/Hardwood: -125 Low-Medium Tree: 2 Shrub: 4 Herbaceous: 30

Height Class - Overstory Conifer/Hardwood: -105 Low-Medium Tree: 04 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Table with 6 columns: Strata, Species, % cover, Strata, Species, % cover. Lists species like Quercus lobata, Claytonia perfoliata, etc.

Unusual species: Lichen

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Mixed Oak Woodland - Quercus agrifolia

Field-assessed association name (optional): Quercus Agrifolia, Q. douglasii, Q. lobata

Adjacent alliances: California annual grassland/W 1 SE - Poison Oak / Coastal Sage Scrub

Confidence in alliance identification: L M H Explain: Easy to access and familiar w/ veg.

Other identification problems: Mixed oak woodland - Possible hybrids

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed?

Polygon is more than one type: Yes/No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Fades into Qudo - TODI Alliance

mail to 1735 Longbranch Ave Grover Beach CA 93433 Thank you!

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JASP 0001	-	2/28/08	JB, CP, CS (Ehad Schmid)

GPS waypoint #: 001 GPS name: Gamm GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)
 UTM field reading: UTME 56 8 3 4 8 UTMN 4 1 3 9 5 0 6 GPS Error: ± 3 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 531 ft/m Photograph #s: 22-25 NSEW - JB's camera

Geology code: MEJU Soil Texture code: MFCL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: Sm rock: 8% Bare/Fine: 5% Litter: 63% BA Stems: 5% Water: 0

Slope exposure, Actual °: SE General: NE NW SE SW Flat Variable / All (circle one)

Slope steepness, Actual °: 17° General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Mature stand with no signs of recent fire. Stand borders a trail to the SW. No evidence of grazing. Mid florology on most of vegetation. Diverse shrub land with patches of stand grading into chamise dominate stands.

Type/ Level of disturbance codes: 15 / L _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 40%

% Cover - Overstory Tree Conifer/Hardwood: - / 0 Low-Medium Tree: 0 Shrub: 36% Herbaceous: 2%

Height Class - Overstory Conifer/Hardwood: - / - Low-Medium Tree: 05 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	<i>Artemisia californica</i>	10	S	<i>Cercocarpus betuloides</i>	5
H	<i>Galium</i> SP	<1	H	<i>TITILICITUM fendleri</i>	<1
S	<i>Baccharis pilularis</i>	17	H	UK#1	<1
S	<i>Ceanothus cuneatus</i>	7	H	<i>Marah fabaceus</i>	<1
S	<i>Toxicodendron diversilobum</i>	10	S	<i>Rhamnus californica</i>	1
S	<i>Mimulus aurantiacus</i>	5	H	<i>Chlorogalum angustifolium</i>	<1
S	<i>Adenostemma fasciculatum</i>	5	H	<i>Sanicula crassicaulis</i>	<1
H	<i>Quercus agrifolia</i>	1	H	<i>Solanum</i> spp.	<1
S	<i>Rhamnus californica</i>	1	S	<i>Dirca occidentalis</i>	<1
				<i>Eriophyllum</i> spp	<1

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemesia californica

Field-assessed association name (optional): Artemesia californica / B. pilularis, T. diversilobum

Adjacent alliances: Blue Oak wood / SW | Ceanothus cuneatus / W

Confidence in alliance identification: L M H Explain: sections hard to access.

Other identification problems: PO, Also high shrub diversity / Density

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, No) ? (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

Mail to 1735 Longbranch Ave
Grover Beach, CA

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JAS0001		03/25/08	(M. Chiariello) and entire workshop

GPS waypoint #: J0001 GPS name: _____ GPS datum: (e.g. NAD 83) _____ Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 567739 UTMN 4140587 GPS Error: ± 1.35 ft (m)

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: ft/m Photograph #'s: 51-54, 55 down

Geology code: SERP Soil Texture code: MFCL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 6 Bare/Fine: 30 Litter: 58 BA Stems: 5 Water: 0

Slope exposure, Actual °: 52° General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 20° General: 0° 1-5° 5-25° >25° (circle one) avoid this

Size of stand: <1 acre ✓ 1-5 acres >5 acres Plot: Yes No If yes, denote size: 100 m² 400m² / 1000 m² / Other

Site history, stand age, and comments: subtly undulating; close to 1 acre; long persistent serpentine grassland surrounded by ring of leather oak + live oak; early in phenology; standing litter still present; slightly dry year, western skink out. Nassella patch below this site, some Nassella

Type/ Level of disturbance codes: 051 1 1 1 1 "Other" dominance, some annual

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 3 Total % Vasc Veg cover: 23

% Cover - Overstory Tree Conifer/Hardwood: 1 Low-Medium Tree: Shrub: Herbaceous:

Height Class - Overstory Conifer/Hardwood: 1 Low-Medium Tree: Shrub: 1 Herbaceous: 23

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
H	Lolium multiflorum	10			
H	Plantago erecta	5	H	Euphorbia spatulata	<1
H	Nassella pulchra	2	H	Lasthenia californica	1
SS	Eriophyllum	<1	H	Hespererax sparsiflora	<1
H	Hemizonia congesta	3	H	Clarkia	1
H	Nassella pulchra		H	Galium murale	<1
H	Achillea millefolium	<1	H	Plectritis	<1
H	Lianthus parviflorus	<1	H	Bromus hordeaceus	1
H	Declosterma	<1			
H	Lotus purshianus	<1			

Unusual species: Native species are diagnostic here.

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: "Plantago - Lasthenia - Vulpia microstachys alliance"

Field-assessed association name (optional):

Adjacent alliances: leather oak N, E, S, 1 Q agrifolia W

Confidence in alliance identification: L M H Explain:

Other identification problems: is there enough Nassella to make a Nassella alliance?

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance: Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JASP-003-3		03/27/08	N Chianello, D Shorsck, Christine,

GPS waypoint #: 004 GPS name: 176 GPS datum: (e.g. NAD83) NAD83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 568712 UTM N 4139853 GPS Error: ± 12.1 (ft) / m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 655 (ft) m Photograph #'s: 4196 - 4199 ☺

Geology code: Franciscan Soil Texture code: MFS A | Upland or Wetland/Riparian (circle one)

Topography: Macro: ^{sems} top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 5 Bare/Fine: 60 Litter: 25 BA Stems: 10 Water: 0

Slope exposure, Actual °: 220 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 12° General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes / No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: upper edge on top of knoll; N 1/4-1/2 acre; ungrazed since 1960

Type/ Level of disturbance codes: 051L _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 7 Total % Vasc Veg cover: 34

% Cover -Overstory Tree Conifer/Hardwood: _____ Low-Medium Tree: _____ Shrub: 32 Herbaceous: 9

Height Class -Overstory Conifer/Hardwood: _____ Low-Medium Tree: _____ Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	<i>Artemisia californica</i>	23	H	<i>Erodium botrys</i>	2
S	<i>Aderostoma fasciculatum</i>	3	H	<i>Wyethia angustifolia</i>	<1
	<i>Marrubium laetevirens</i>	<1	S	<i>Baccharis pilularis</i>	8
H	<i>Centaurea solstitialis</i>	2	S	<i>Mimulus aurantiacus</i>	<1
H	<i>Chrysogalum pomeridianum</i>	<	H	<i>Nassella</i>	<1
H	<i>Bromus hordeaceus</i>	4		<i>stadius</i>	<1
H	<i>Zygadenus fremontii</i>	<		<i>Erodium cicutarium</i>	<1
S	<i>Toxicodendron diversilobum</i>	7		<i>Geranium dissectum</i>	<1
H	<i>Bromus diandrus</i>	<1			

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemisia californica

Field-assessed association name (optional): Artemisia - Baccharis - Toxicodendron

Adjacent alliances: Q. douglasii (N) _____ | Baccharis - _____ N

Confidence in alliance identification: L M (H) Explain: _____

Other identification problems: early phenology for bunch grass

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, No) N (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM
(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JASPO01		3/27/08	JB CP CS

GPS waypoint #: 001 GPS name: Garmin GPS datum: (e.g. NAD 83) NAD 83 Zone: 10S / 10T / 11S (circle one)
 UTM field reading: UTME 56 83 48 UTMN 41 39 50 6 GPS Error: ± 3 ft (m)

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 531 (ft) m Photograph #'s: 22, 23, 24, 25

Geology code: METU Soil Texture code: MFCL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: Sm rock: Bare/Fine: 25 Litter: 62 BA Stems: 5 Water:

Slope exposure, Actual °: _____ General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 18 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre _____ 1-5 acres >5 acres _____ Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Mature stand, thick chapparral, no known history of recent burning - no evidence of grazing - borders trail to SW - mid phenology - early bloom - grades into Chapparral dominated by Adenostemma

Type/ Level of disturbance codes: 15 / L / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 40

% Cover - Overstory Tree Conifer/Hardwood: 0 / 2 Low-Medium Tree: Shrub: 36 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: 1 / 05 Low-Medium Tree: Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	<i>Artemisia californicus</i>	10	S	<i>Cercocarpus betuloides</i>	S
H	<i>Gallium parigens</i>	<1	H	<i>Thalictrum fendleri</i>	<1
S	<i>Baccharis pilularis</i>	72	S	UK1	<1
S	<i>Ceanothus cuneatus</i>	7	H	<i>Marah fabaceus</i>	<1
S	<i>Toxicodendron diversilobum</i>	10	S	<i>Rhamnus californica</i>	1
S	<i>Mimulus aurantiacus</i>	5	H	<i>Chlorogalum angustifolia</i>	<1
S	<i>Adenostemma fasciculatum</i>	5	H	<i>Sanicula crassifolia</i>	<1
T	<i>Quercus agrifolia</i>	1	H	<i>Solanum</i> sp.	<1
S	<i>Rhamnus crocea</i>	1	S	<i>Dirca occidentalis</i>	<1

Unusual species: Eriophyllum sp. <1

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemesias californica scrub

Field-assessed association name (optional): A. californica - B. pilularis - T. diversilobum

Adjacent alliances: Q. douglasii SW /

Confidence in alliance identification: L M H Explain: sections impenetrable - deep, dense stand

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed? _____

Polygon is more than one type: (Yes, No) Y (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Fades into Adenostemma scrub

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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CP = Cassie Pinnell
 JB = Josh Brown
 CS = Chad Schmid

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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GPS waypoint #: 002 GPS name: Garmin GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)
 UTM field reading: UTM E 568048 UTM N 4139355 GPS Error: ± 5 ft (m)

Is GPS within stand? Yes No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 451 (ft) m Photograph #'s: 31, 32, 33, 34

Geology code: MTU Soil Texture code: MFCL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 1 Bare/Fine: 2 Litter: 92 BA Stems: 5 Water: 0

Slope exposure, Actual °: 206 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 6 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Mature stand mixed oaks - moderate level invasive species (Carduus) - No signs of grazing or fire - Recreational use footprint - not generally repeated - dense understory of Carduus - grades into the TDSI - also borders chaparral

Type/ Level of disturbance codes: OS, M / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 1 Total % Vasc Veg cover: 55

% Cover - Overstory Tree Conifer/Hardwood: 0 / 25 Low-Medium Tree: 2 Shrub: 4 Herbaceous: 30

Height Class - Overstory Conifer/Hardwood: N/A / 05 Low-Medium Tree: 04 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
				Lichen	2
T	<i>Quercus douglasii</i>	8	H	<i>Claytonia perfoliata</i>	1
T	<i>Aesculus californica</i>	1	H	<i>Sanicula crassicaulis</i>	2
T	<i>Quercus lobata</i>	7	H	<i>Hordeum jubatum</i>	6
T	<i>Q. agrifolia</i>	12	H	<i>Bromus hordeaceus</i>	6
S	<i>Toxicodendron diversilobum</i>	6	H	<i>Lolium multiflorum</i>	3
H	<i>Carduus pycnocephalus</i>	8	H	<i>Wyethia glabra</i>	<1
H	<i>Ranunculus</i> sp.	<1	T	<i>Umbellularia californica</i>	1
H	<i>Elymus glaucus</i>	2	S	<i>Artemisia californica</i>	2
H	<i>Geranium dissectum</i>	2	S	<i>Rhamnus crocea</i>	2

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: *Quercus agrifolia* Woodland

Field-assessed association name (optional): *Q. agrifolia* - *Q. douglasii* - *Q. lobata* woodland

Adjacent alliances: Annual grassland W / Artemisia scrub SE

Confidence in alliance identification: L M H Explain: Diverse oak mix

Other identification problems: Potential hybridization of oaks

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Fades into QUDO - TDSI Alliance

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JASP	JA-D	3-27-08	J. Tallis + T. Hebert

GPS waypoint #: JR02 GPS name: Geo-X1 GPS datum: (e.g. NAD 83) Zone: 10S / 10T / 11S (circle one)
 UTM field reading: UTM E 567955 UTM N 4139452 GPS Error: ± 1 ft/m

Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: _____ ft/m Photograph #'s: 35-38 N-W (Josh's camera)

Geology code: SAND Soil Texture code: MFA | Upland or Wetland/Riparian (circle one)

Topography: Macro: top (upper) mid lower bottom | Micro: convex (flat) concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 4 Bare/Fine: 13 Litter: 78 BA Stems: 4 Water: 0

Slope exposure, Actual °: _____ General: NE NW SE SW (Flat) Variable / All (circle one)

Slope steepness, Actual °: _____ General: (0°) 1-5° 5-25° > 25° (circle one)

Size of stand: <1 acre (checked) 1-5 acres _____ >5 acres _____ Plot: Yes (No) If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Presumed historically grazed, beside trail that gets regularly mowed. This is a large grassland, with Bromus hordeaceus throughout, and patches of Centaurea solstitialis.

Type/ Level of disturbance codes: 05 / H 15 / L + + + "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: (H1) (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 12

% Cover -Overstory Tree Conifer/Hardwood: + Low-Medium Tree: - Shrub: - Herbaceous: 12

Height Class - Overstory Conifer/Hardwood: + Low-Medium Tree: - Shrub: - Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata Species	% cover	Strata Species	% cover
Bromus hordeaceus	5	Chlorogalum pomeridianum var. pom.	<1
Bromus diandrus	1	Asteraceae	<1
Avena fatua	4	Vicia sp	<1
Lolium multiflorum	2	Nasella pulchra	<1
Lupinus bicolor	<1	Popcorn flowers	<1
Erodium botrys	2	Geranium dissectum	<1
Centaurea solstitialis	1		
Achillea millefolium	1		
Carduus pycnocephalus	3		

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Bromus

Field-assessed association name (optional): Bromus diandrus - Avena fatua

Adjacent alliances: Centaurea solstitialis S / Quercus lobata - Q. agrifolia N

Confidence in alliance identification: L (M) H Explain: _____

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed? _____

Polygon is more than one type: (Yes) / No _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Other grass + weed alliances in same polygon

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance: Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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GPS waypoint #: JR-01 GPS name: Geo-XT GPS datum: (e.g. NAD 83) Zone: (10S) / 10T / 11S (circle one)
 UTM field reading: UTME 567916 UTMN 4139393 GPS Error: \pm 0.7 ft / (m)
 Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance — (in meters) and bearing — (degrees)

Elevation: 121 ft / (m) Photograph #'s: 237-234 N→W
 Geology code: SAND Soil Texture code: MFCL | Upland or (Wetland/Riparian) (circle one)
 Topography: Macro: top (upper) (mid) (lower) bottom | Micro: convex flat (concave) undulating (circle one)
 % Surface cover (sum to 100%) Lg rock: <1 Sm rock: 22 Bare/Fine: 38 Litter: 35 BA Stems: 5 Water: 0
 Slope exposure, Actual °: 254 General: NE NW SE (SW) Flat Variable /All (circle one)
 Slope steepness, Actual °: 10 General: 0° 1-5° (5-25°) >25° (circle one)
 Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes (No) If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Historical grazing (highly probable), Abundant dead Baccharis pilularis, 1-20" dbh oak found decaying in middle stand is roughly a swale, Dirca occidentalis found exclusively on N facing slope and at, abundance of large wood rat houses
 Type/ Level of disturbance codes: — / — / — / — / — / — "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)
 Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), (S3) mature (1-25% dead), S4 decadent (>25% dead)
 Herbaceous: (H1) (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 23
 % Cover -Overstory Tree Conifer/Hardwood: — / 1 Low-Medium Tree: — Shrub: 19 Herbaceous: 3
 Height Class - Overstory Conifer/Hardwood: — / 06 Low-Medium Tree: — Shrub: 04 Herbaceous: 01
 Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	<i>Toxicodendron diversilobum</i>	15		<i>Ribes californicum</i> var <i>californicum</i>	<1
S	<i>Rhamnus crocea</i>	4		<i>Sanicula crassicaulis</i>	<1
T	<i>Umbellularia californica</i>	1		<i>Marah fabaceus</i>	1
S	<i>Sambucus mexicana</i>	1		<i>Carduus pycnocephalus</i>	<1
S	<i>Baccharis pilularis</i>	3		<i>Conium maculatum</i>	1
S	<i>Artemisia californica</i>	<1		<i>Galium parviflorum</i> var <i>parviflorum</i>	<1
S	<i>Dirca occidentalis</i>	1		<i>Solanum umbelliferum</i>	<1
H	<i>Dryopteris arguta</i>	1		<i>Brassica</i> sp.	<1
H	<i>Chlorogalum pomeridianum</i> <small>var. pomeridianum</small>	1		<i>Trillium chloropetalum</i>	<1

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Toxicodendron diversilobum
 Field-assessed association name (optional): TOD1 - Rhamnus crocea
 Adjacent alliances: Bromus hordeaceus N / Baccharis pilularis - Mimulus aurantiacus - TOD1 (E)
 Confidence in alliance identification: L M (H) Explain: _____
 Other identification problems: Similar upgradient scrub community difficult to separate. (BAP1 - MIAU - TOD1)
 Has the vegetation changed since air photo taken? Yes (No) If Yes, What has changed?
 Polygon is more than one type: (Yes, (No)) (Note: type with greatest coverage in polygon should be entered in above section)
 Other types: _____

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: JLspool Air photo #: _____ Date: 3/27/08 Name(s) of surveyors: J.B., C.S., C.P.

GPS waypoint #: 001 GPS name: Garmin GPS datum: (e.g. NAD 83) Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 56 83 48 UTM N 41 39 50 6 GPS Error: ± 3 ft/m

Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 547 ft/m Photograph #'s: 22, 23, 24, 25

Geology code: METU Soil Texture code: MFCL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 8 Bare/Fine: 25 Litter: 62 BA Stems: 5 Water: 0

Slope exposure, Actual °: 170 General: NE NW SE SW Flat Variable / All (circle one)

Slope steepness, Actual °: 17 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: Mature stand, No known history of fire, with trail on border, Mid Phenology. (Patches of polygon grade into charnise)
Very large stand

Type/ Level of disturbance codes: 15 / _____ / _____ / _____ / _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 45

% Cover -Overstory Tree Conifer/Hardwood: NA / 2 Low-Medium Tree: _____ Shrub: 36 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: NA / _____ Low-Medium Tree: 05 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
			S	<i>Cercocarpus betuloides</i>	5
S	<i>Artemisia californica</i>	10	H	<i>Thalictrum fendleri</i>	41
H	<i>Gallium</i> spp.	41	S	<i>Ulex</i> #1	41
S	<i>Baccharis pilularis</i>	12	H	<i>Marah fabaceus</i>	41
S	<i>Ceanothus cuneatus</i>	7	S	<i>Rhamnus californica</i>	1
S	<i>Toxicodendron diversilobum</i>	10	H	<i>Chlorogalum angustifolium</i>	41
S	<i>Minulus aurantiacus</i>	5	H	<i>Sanicula creosotealis</i>	41
S	<i>Adenostemma scutellatum</i>	5	H	<i>Solanum</i> spp.	41
T	<i>Quercus agrifolia</i>	1	S	<i>Dicella occidentalis</i>	41
S	<i>Rhamnus croceus</i>	1	H	<i>Eriophyllum</i> spp.	41

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemisia californica scrub

Field-assessed association name (optional): Artemisia californica - Baccharis pilularis - Toxicodendron div

Adjacent alliances: Quercus douglasii

Confidence in alliance identification: L M H Explain: Deep dense stand

Other identification problems: Palson oak, high shrub diversity

Has the vegetation changed since air photo taken? Yes (No) If Yes, What has changed?

Polygon is more than one type: (Yes, No) No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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GPS waypoint #: 002 GPS name: Germin GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)
 UTM field reading: UTM E 568048 UTM N 4139355 GPS Error: ± 5 ft (m)

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 451 (ft) m Photograph #'s: 31, 32, 33, 34

Geology code: MFTU Soil Texture code: MFCL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock 1 Bare/Fine: 2 Litter: 92 BA Stems: 5 Water: 0

Slope exposure, Actual °: 206 General: NE NW SE SW Flat Variable / All (circle one)

Slope steepness, Actual °: 6 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre ___ 1-5 acres >5 acres ___ Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Mature stands of mixed oaks, abundant level of invasive species, recreational use, foot paths, dense understory. Similar, regenerating stands of similar vegetation occurring throughout the preserve, possibly grazed in the 1960's.

Type/ Level of disturbance codes: 05 / med / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 1 Total % Vasc Veg cover: 55

% Cover - Overstory Tree Conifer/Hardwood: NA / 125 Low-Medium Tree: 2 Shrub: 4 Herbaceous: 30

Height Class - Overstory Conifer/Hardwood: NA / 05 Low-Medium Tree: 04 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
				Lichen	2
T	<i>Quercus douglasii</i>	8	H	<i>Caryocarpus perfoliata</i>	1
T	<i>Aesculus californica</i>	1	H	<i>Santolina crescivalis</i>	2
T	<i>Quercus lobata</i>	4	H	<i>Hardium subatum</i>	4
T	<i>Quercus agrifolia</i>	12	H	<i>Bromus hordeaceus</i>	4
S	<i>Toxicodendron diversilobum</i>	6	H	<i>Lolium multiflorum</i>	2
H	<i>Carduus pycnocephalus</i>	8	H	<i>Cyperus glabra</i>	1
H	<i>Ranunculus</i> spp.	1	H	<i>Umbelverna californica</i>	1
H	<i>Elymus glaucus</i>	2	S	<i>Aristida californica</i>	2
H	<i>Cercaria dissectum</i>	2	S	<i>Rhamnus californica</i>	2

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus agrifolia

Field-assessed association name (optional): Q. agrifolia, Q. douglasii, Q. lobata

Adjacent alliances: Grassland (annual) Sagebrush / scrub SE

Confidence in alliance identification: L M H Explain: Oak dominant

Other identification problems: hybrid oak?

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: Yes, No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: adjacent polygon fades into Quercus-tali

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

11 v
Slopes

For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: T10-220 Air photo #: Area E + D Date: 032708 Name(s) of surveyors: Diane Reushaw, BF, CW

GPS waypoint #: 15 GPS name: Harry GPS datum: (e.g. NAD 83) Zone: (0S) / 10T / 11S (circle one)
UTM field reading: UTM E 568552 UTM N 4139607 GPS Error: ± 15 (ft) / m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 563 (ft) m Photograph #'s:

Geology code: GREE Soil Texture code: MFS A | Upland or Wetland/Riparian (circle one)

Topography: Macro: (top) upper mid lower bottom | Micro: (convex) flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 1 Bare/Fine: 4 Litter: 12 BA Stems: 3 Water: 0

Slope exposure, Actual °: 117 General: NE NW (SE) SW Flat Variable /All (circle one)

Slope steepness, Actual °: 26 General: 0° 1-5° 5-25° (>25°) (circle one)

Size of stand: (<1 acre) 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Some large, old oaks; litter + branches - much pop but low growing - Stand includes chaparral type around the edge

Type/ Level of disturbance codes: 05, L, 1, 1, 1, 1 "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 0 Total % Vasc Veg cover: 90

% Cover - Overstory Tree Conifer/Hardwood: 80 Low-Medium Tree: - Shrub: 15 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: 105 Low-Medium Tree: - Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	Quercus agrifolia	80	S	Ribes californica	1
S	Heteromeles arbutifolia	5	H	Satureja douglasii	<1
S	Baccharis pilularis	2	H	Zygadenum fremontii	<1
	Ceanothus cuneatus	1	H	Chorizanthe sp.	<1
	Mimulus aurantiacus	2	S	Artemisia calif.	<1
S	Toxicodendron divaricatum	7	S	Rham crocea	<1
	Lepichinia calycata	1	S	Eriophylla stachae	<1
	Ceanothus - oliganthus v. sor	<1			
S	Rhamnus crocea	21			
S	Athyrium - Fabric.	3			

Unusual species:

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Coast Live Oak

Field-assessed association name (optional): Coast live oak - Heteromeles arbutifolia

Adjacent alliances: California annual grass N-E / Chamise chaparral W-S

Confidence in alliance identification: L M (H) Explain: very clear oak overstory

Other identification problems: PO makes travel thru the stand difficult -

Has the vegetation changed since air photo taken? (Yes) / No If Yes, What has changed?

Polygon is more than one type: (Yes) / (No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
T10-330	B-C	03-27-08	Diane Renshaw, Jen Adler, Betty Fetscher, Muriel Alameda, Catherine Wigand, Chris Sotek

GPS waypoint #: N/A GPS name: Harry GPS datum: (e.g. NAD 83) NAD 83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 568650 UTM N 4139746 GPS Error: ± 16 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 575 ft/m Photograph #'s: 0278 → 281 plus 282 with boxes

Geology code: GREE Soil Texture code: MFS A | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid- lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 30 Bare/Fine: 30 Litter: 35 BA Stems: 5 Water: 0

Slope exposure, Actual °: 180s General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 2 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre ___ 1-5 acres >5 acres ___ Plot: Yes / No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: Grazing removed +/- 40y ago; Baccharis community +/- mature → senescent. Surrounds wet meadow fed by seep or groundwater woodrat nests, pigopher activity, Nassella pulchra is dominant grass

Type/ Level of disturbance codes: 05/L 29/L ___ ___ ___ ___ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 3 Total % Vasc Veg cover: 55

% Cover -Overstory Tree Conifer/Hardwood: -/ - Low-Medium Tree: - Shrub: 45 Herbaceous: 10

Height Class - Overstory Conifer/Hardwood: 1 Low-Medium Tree: Shrub: Herbaceous:

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
			S	<i>Mimulus adonii</i>	1
S	<i>Baccharis pilularis</i>	40	H	<i>Carduus pycnocephalus</i>	<1
H	<i>Chlorox pomeridianum</i>	<1	H	<i>Vulpia</i> sp.	1
S	<i>Rhamnus calif.</i>	3	H	<i>Eriogonum californicum</i>	<1
H	<i>Dipsacus fullonum</i>	<1	H	<i>Sanicula laciniata</i>	1
H	<i>Anagallis arvensis</i>	1	H	<i>Satureja douglasiana</i>	1
H	<i>Lotus pushtianus</i>	<1	S	<i>Ribes californicum</i>	<1
H	<i>Erodium cicutarium</i>	1	H	<i>Nassella pulchra</i>	2
H	<i>Sherardia arvensis</i>	1	S	<i>Toxicodendron divers</i>	1
H	<i>March fabaceus</i>	<1	S	<i>Rubus ursinus</i>	3

Unusual species: Guillema californica Sambucus <1

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Baccharis pilularis

Field-assessed association name (optional): Bacch pilularis - Rhamnus calif - Nassella pulchra

Adjacent alliances: Wet meadows-not surveyed-center 1 Calif annual grassland-N-W-E

Confidence in alliance identification: L M H Explain: _____

Other identification problems: polygons split from original map

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: Yes, No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: split from Salix lasiolepis Alliance - down stream

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: T10-330 Air photo #: Map "B" & "C" Date: 03/27/2008 Name(s) of surveyors: Chris Solack, Diane Kenshaw, Jean Adler, Cathleen Weigand, Betty Fechner, M. Altamirano

GPS waypoint #: 14 GPS name: Harry GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 568650 UTMN 4139746 GPS Error: ± 16 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 575 ft/m Photograph #'s: #107-110 (Cathis camera)

Geology code: GREE Soil Texture code: MFSa | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 30 Bare/Fine: 30 Litter: 35 BA Stems: 5 Water: 0

Slope exposure, Actual °: 180S General: NE NW SE SW Flat Variable / All (circle one)

Slope steepness, Actual °: 2 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre _____ 1-5 acres >5 acres _____ Plot: Yes / No _____ If yes, denote size: 100 m² / 400 m² / 1000 m² / Other _____

Site history, stand age, and comments: Wet meadow between Baccharis pilularis stands. Grazing fenced from this area in the 1960's. Mature to overmature stand of B. pilularis. Wet meadow probably fed by a seep or artesian well. Nassella is dominant grass.

Type/ Level of disturbance codes: 05, L 29, L / / / / "Other" _____

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 3% Total % Vasc Veg cover: 55%

% Cover - Overstory Tree Conifer/Hardwood: 0/0 Low-Medium Tree: <1 Shrub: 45 Herbaceous: 10

Height Class - Overstory Conifer/Hardwood: 0/0 Low-Medium Tree: 04 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
H	<i>Yulpia</i> sp.	1%	H	<i>Satureya douglasii</i>	1%
S	<i>Baccharis pilularis</i>	40%	H	<i>Erodium cicutarium</i>	1%
H	<i>Nassella pulchra</i>	2%	S	<i>Rhamnus californica</i>	3%
H	<i>Carduus pycnocephalus</i>	<1%	S	<i>Mimulus aurantiacus</i>	1%
H	<i>Dipsacus fullonum</i>	<1%	H	<i>Gnaphalium californicum</i>	<1%
H	<i>Marah fabaeifolius</i>	<1%	S	<i>Rubus ursinus</i>	3%
H	<i>Gallium</i>	<1%	S	<i>Sambucus mexicana</i>	<1%
H	<i>Potentilla glandulosa</i>	<1%	H	<i>Sanicula lasonata</i>	1%
H	<i>Anagalis arvensis</i>	1%	S	<i>Toxicaradon diversilobum</i>	1%
S	<i>Ribes californicum</i>	<1%	H	<i>Chlorogalum paniculatum</i>	<1%

Unusual species: Guillemia hisiophylla

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Baccharis pilularis

Field-assessed association name (optional): B. pilularis / Rhamnus californica / Nassella pulchra

Adjacent alliances: Wet meadow not yet surveyed E, California annual grassland E & W

Confidence in alliance identification: L M H Explain: _____

Other identification problems: polygon divided into two from aerial.

Has the vegetation changed since air photo taken? Yes / No _____ If Yes, What has changed? _____

Polygon is more than one type: Yes / No _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Changed 03/27/08 to Enter hisiophylla alliance to S. polygon as

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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GPS waypoint #: 15 GPS name: Harry GPS datum: (e.g. NAD 83) NAD83 Zone: 10S 10T / 11S (circle one)

UTM field reading: UTME 568552 UTMN 4139607 GPS Error: ± 15 (ft) m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 563 ft/m Photograph #'s: #111-114 (Catinis camera)

Geology code: GREE Soil Texture code: MESA | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: Sm rock: 1 Bare/Fine: 4 Litter: 92 BA Stems: 3 Water:

Slope exposure, Actual °: 117 General: NE NW SE SW Flat Variable /All (circle one)

Slope steepness, Actual °: 24 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes No _____ If yes, denote size: 100 m² / 400 m² / 1000 m² / Other _____

Site history, stand age, and comments: Deer trails meandering through polygon. Large old oaks with much coarse, woody debris. Abundance of poison oak. Changed polygon to Q. agrifolia rather than quercus spp. Stand includes chaparral species surrounding.

Type/ Level of disturbance codes: 061L / / / / / "Other" _____

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: Total % Vasc Veg cover: 90%

% Cover -Overstory Tree Conifer/Hardwood: -175 Low-Medium Tree: - Shrub: 15 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: -105 Low-Medium Tree: - Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	<i>Quercus agrifolia</i>	<u>76%</u>	S	<i>Ceanothus oliganthus</i> var. <i>Sordidus</i>	<u><1%</u>
S	<i>Baccharis pilularis</i>	<u>2</u>	S	<i>Thamnos coccia</i>	<u><1</u>
S	<i>Ceanothus cuneatus</i>	<u>1</u>	S	<i>Adenostoma fasciculata</i>	<u>2</u>
S	<i>Toxicodendron diversilobum</i>	<u>7</u>	S	<i>Ribes californicum</i>	<u>1</u>
S	<i>Heteromeles arbutifolia</i>	<u>3</u>	H	<i>Satureja douglasii</i>	<u><1</u>
H	<i>Galium aparine</i> / sp.	<u><1</u>	H	<i>Erigeron fremontii</i>	<u><1</u>
H	<i>Eriophyllum stachardophilum</i>	<u><1</u>	H	<i>Chlorogalum pan.</i>	<u><1</u>
S	<i>Lyrechinia calypnia</i>	<u>1</u>	H	<i>Marrubium fabaceus</i>	<u>2</u>
S	<i>Artemisia californica</i>	<u>1</u>	H	<i>Sanicula lanata</i>	<u>1</u>
S	<i>Mimulus aurantiacus</i>	<u>2</u>	S	<i>Cercocarpus betuloides</i>	<u><1</u>

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus agrifolia

Field-assessed association name (optional): Q. agrifolia / Heteromeles arbutifolia

Adjacent alliances: Adenostoma fasciculata W / California annual grassland N & E

Confidence in alliance identification: L M H Explain: very clear overstory of a single species.

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed? _____

Polygon is more than one type: (Yes No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM
(Revised Aug. 23, 2007)

For Office Use: Final database #: Final vegetation type name: Alliance Association:

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: T-10/330 Air photo #: BC Date: 3/27/08 Name(s) of surveyors: M. Altamirano, C. Weigand, D. Renshaw

GPS waypoint #: 14 GPS name: Harry GPS datum: (e.g. NAD 83) NAD 83 Zone 10S / 10T / 11S (circle one)
UTM field reading: UTM E 568650 UTM N 4139746 GPS Error: ± 16 ft/m

Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 575 (ft) m Photograph #'s: 107-110 (N)

Geology code: GRSE Soil Texture code: MFSB | (Upland) or Wetland/Riparian (circle one)
Topography: Macro: top upper (mid) lower bottom | Micro: convex flat (concave) undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 30 Bare/Fine: 30 Litter: 35 BA Stems: 5 Water: 0

Slope exposure, Actual °: 180 General: NE NW (SE) SW Flat Variable/All (circle one)

Slope steepness, Actual °: 2 General: 0° (1-5°) 5-25° >25° (circle one)

Size of stand: <1 acre _____ 1-5 acres ✓ >5 acres _____ Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other _____

Site history, stand age, and comments: Grazing removed in 1960's. Baccharis community mature to senescent. Wet meadow centrally located in Baccharis Island. Wet meadow possibly fed by spring or artesian well. Nassella is dominant grass.

Type/ Level of disturbance codes: 05 / L 29 / L / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)
Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), (S3) mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: (H1) (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 3 Total % Vasc Veg cover: 55.2

% Cover -Overstory Tree Conifer/Hardwood: 0 / 0 Low-Medium Tree: 0 Shrub: 45.2 Herbaceous: 10.2
Height Class - Overstory Conifer/Hardwood: 0 / 0 Low-Medium Tree: 0 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	<i>Baccharis pilularis</i>	40	H	<i>Carduus pinnatocephalus</i>	<1
S	<i>Ribes californicum</i>	<1	H	<i>Sanicula lacinata</i>	1
S	<i>Toxicodendron diversilobum</i>	1	H	<i>Satureja douglasiana</i> yerba buena	1
H	<i>Chloroactum pomeridianum</i>	<1	H	<i>Marah fabacea</i>	<1
S	<i>Rhamnus californica</i>	3	S	<i>Sambucus mexicana</i>	<1
H	<i>Nassella pulchra</i>	2	H	<i>Zygadenus fremontii</i>	<1
H	<i>Dipsacus fullonum</i>	<1	H	<i>Galium</i>	<1
H	<i>Sylivum murianum</i>	<1	S	<i>Rubus ursinus</i>	3
H	<i>Frodium cicutarium</i>	1	S	<i>Mimulus aurantiacus</i>	1

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Baccharis pilularis

Field-assessed association name (optional): Baccharis-pilularis - Rhamnus californica - Nassella pulchra

Adjacent alliances: Wet meadow (not surveyed) / CA Annual Grassland

Confidence in alliance identification: L M (H) Explain: _____

Other identification problems: polygon divided into two from aerial photo mapping

Has the vegetation changed since air photo taken? Yes (No) If Yes, What has changed? _____

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)
Other types: lower polygon split = Salix lasiolepis - Toxicodendron diversilobum

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
T-10/220	Site B & C	3/27/08	M. Altamirano, J. Adler, C. Solex

GPS waypoint #: NIA GPS name: Harry GPS datum: (e.g. NAD 83) NAD 83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 568552 UTMN 4139607 GPS Error: ± 15 (ft) m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 563 ft/m Photograph #'s: 111-114 (N)

Geology code: GREE Soil Texture code: MFS A Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 1 Bare/Fine: 4 Litter: 92 BA Stems: 3 Water: 0

Slope exposure, Actual °: 117 General: NE NW SE SW Flat Variable /All (circle one)

Slope steepness, Actual °: 24 General: 0° 1-5° 5-25° > 25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes / No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: Large mature oaks, Deer trail at edge and through polygon. A few regenerating oaks. Downed limbs/branches, high leaf litter, abundant herbaceous poison oak.

Type/ Level of disturbance codes: 05 / L / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 0 Total % Vasc Veg cover: 95

% Cover -Overstory Tree Conifer/Hardwood: 100 Low-Medium Tree: — Shrub: 15 Herbaceous: 21

Height Class - Overstory Conifer/Hardwood: 105 Low-Medium Tree: — Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	<i>Q. agrifolia</i>	80	H	<i>Yerba Buena</i>	21
S	<i>Artemisia californica</i>	1	H	<i>Eriophyllum</i>	21
S	<i>Toxicodendron diversilobum</i>	51	S	<i>Aleostoma fasciculatum</i>	2
S	<i>Paehonia ptilaris</i>	2	S	<i>Cercocarpus betuloides</i>	21
S	<i>Ceanothus oliganthus</i>	<1	S	<i>Ceanothus cuneatus</i>	21
S	<i>Rhamnus crocea</i>	<1	S	<i>Lepechinia calycina</i>	21
S	<i>Mimulus aurantiacus</i>	2	S	<i>Ribes californicum</i>	<1
S	<i>Heteromeles arbutifolia</i>	3	H	<i>Zygadenus</i>	21
H	<i>Wyeethia</i> (Musk Ear)	21		<i>Chlorogalum pomeridianum</i>	21

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus agrifolia

Field-assessed association name (optional): Quercus agrifolia - Heteromeles arbutifolia

Adjacent alliances: CA Annual Grassland NES, Chamise Chaparral w

Confidence in alliance identification: L M H Explain: _____

Other identification problems: _____

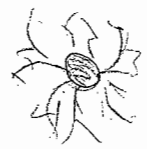
Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)



For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: Air photo #: Date: Name(s) of surveyors:

J5BP005 NAP 2005 section E 2/26/07 RW BL

GPS waypoint #: 005 GPS name: BJC GPS datum: (e.g. NAD 83) Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 569204 UTMN 4139772 GPS Error: ± 10.2 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 633 ft m Photograph #'s: Josie's 2077-2080 NP

Geology code: SERP Soil Texture code: MESL Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: Sm rock 1 Bare/Fine: 0 Litter: 97 BA Stems: 2 Water: 0

Slope exposure, Actual °: 32 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 4 General: 0° 5-25° >25° (circle one)

Size of stand: <1 acre X 1-5 acres >5 acres Plot: Yes No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Fire suppression 9. dur. Stand is young for this species canopy is open relatively open allows for higher than normal herb understory herbs are dense and not all spp. are represented in this data sheet; individual UMCA in stand.

Type/ Level of disturbance codes: / / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 28

% Cover - Overstory Tree Conifer/Hardwood: 1/4 Low-Medium Tree: Shrub: 23 Herbaceous: 7

Height Class - Overstory Conifer/Hardwood: 1/04 Low-Medium Tree: Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	Quercus durata	20	H	Synlaxia (acerosa complex)	<1
T	Quercus agrifolia		S	Ribes caly.	<1
H	Chilogallon pomgranatum	4	S	Lepichino californica	<1
H	Pedicularis densiflora	1	S	Toxicoladron diversilobum	<1
S	Rhamnus californica	2	S	Adenostema fasciculatum	<1
H	Stachys sp	<1	T	Umbellifera californica	<1
H	Sanicula crossicaulis	<1	H	Thalicium chloropetalum	<1
H	Wyethia angustifolia	1	H	Unknown comp	<1
H	Monardella villosa	<1	H	Monardella villosa	<1

Unusual species: Clintonia?

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus durata

Field-assessed association name (optional): Quercus durata-Rhamnus californica

Adjacent alliances: Serpentine grassland N, W / Adenostema fasciculatum S

Confidence in alliance identification: L M (H) Explain:

Other identification problems:

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, N6) (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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Polygon/Stand #: JB004 Air photo #: "E" Date: 03-27-08 Name(s) of surveyors: B. Close Barbara Heitney Rosie Miller

GPS waypoint #: 004 GPS name: B. Close GPS datum: (e.g. NAD 83) NAD 83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 0569248 UTM N 4139827 GPS Error: ± 7.7 (ft) / m

Is GPS within stand? Yes No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 580 (ft) / m Photograph #s: 2073-2076 - Josie's camera

Geology code: TWH Soil Texture code: MFSL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: Sm rock: Bare/Fine: Litter: 97 BA Stems: 2 Water:

Slope exposure, Actual °: 352 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 16 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Live oak stand on N facing hillside w/ occasional openings with dense P.O., wood rat nests (many) SOD reported in area but no evidence seen in stand. madrone Bay.

Type/ Level of disturbance codes: _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 1 Total % Vasc Veg cover: 35

% Cover - Overstory Tree Conifer/Hardwood: 0/15 Low-Medium Tree: 5 Shrub: 12 Herbaceous: 3

Height Class - Overstory Conifer/Hardwood: 1/05 Low-Medium Tree: 04 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	<i>Quercus agrifolia</i>	15		<i>Rubus ursinus</i>	<1
	<i>Umbellularia californica</i>	2		<i>Gallium</i> sp.	2
	<i>Arbutus menziesii</i>	1		<i>Melica cf. torreyana</i>	<1
	<i>Quercus lobata</i>	2		<i>Pentstemon triangularis</i>	<1
	<i>Toxicodendron diversilobum</i>	10		<i>Cynoglosson grande</i>	1
	<i>Rhamnus californica</i>	3		<i>Phyllanthus argutus</i>	1
	<i>Heteromeles arbutifolia</i>	<1		<i>Monardella villosa</i>	<1
	<i>Symphoricarpos albus</i>	<1			
	<i>Rosa gymnocarpa</i>	<1			

Unusual species: none

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: *Quercus agrifolia*

Field-assessed association name (optional): *Quercus agrifolia* / *Toxicodendron*

Adjacent alliances: *Sesuvium grassland S* / *Toxicodendron N*

Confidence in alliance identification: L M H Explain: _____

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed? _____

Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

TWH

(43)

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance: Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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JB005 "E" 03-27-08 B. Close, Barbara Leitner, Paul Williams

GPS waypoint #: 005 GPS name: B. Close GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 569206 UTMN 4139772 GPS Error: ± 20.2 ft / m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 6330 ft m Photograph #'s: Josie's =

Geology code: _____ Soil Texture code: _____ | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: _____ Sm rock: _____ Bare/Fine: _____ Litter: _____ BA Stems: _____ Water: _____

Slope exposure, Actual °: 32° General: NE NW SE SW Flat Variable / All (circle one)

Slope steepness, Actual °: 4° General: 0° 1-5° 5-25° > 25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes / No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: _____

Type/ Level of disturbance codes: _____ / _____ / _____ / _____ / _____ / _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: _____ Total % Vasc Veg cover: _____

% Cover -Overstory Tree Conifer/Hardwood: _____ / _____ Low-Medium Tree: _____ Shrub: _____ Herbaceous: _____

Height Class - Overstory Conifer/Hardwood: _____ / _____ Low-Medium Tree: _____ Shrub: _____ Herbaceous: _____

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	<i>Quercus dumata</i>			<i>Galium</i> sp.	
	<i>Adenostemon fasciculatus</i>			<i>Thymus glaucus</i>	
	<i>Wyethia argentifolia</i>				
	<i>Pedicularis densifolia</i>				
	<i>Monardella nelsoni</i>				
	<i>Chlorogalum panendianum</i>				
	<i>Sanicula crassicaulis</i>				
	<i>Rhamnus californica</i>				
	<i>Toxicodendron</i>				

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: _____

Field-assessed association name (optional): _____

Adjacent alliances: _____ / _____

Confidence in alliance identification: L M H Explain: _____

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: Air photo #: Date: Name(s) of surveyors:

TRSP0002 TPBB (E) 2005 NAIF 03/27/08 TASSICA PURIFICATO, JOE SCORAMAZZI, T. ICE, M

GPS waypoint #: 037 GPS name: JOSIE GPS datum: (e.g. NAD 83) Zone: 10S/10T/11S (circle one)

UTM field reading: UTM E 5 6 9 2 1 3 UTM N 4 1 3 9 7 3 2 GPS Error: ± 12.6 ft/m

Is GPS within stand? (Yes/No) If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 643 ft/m Photograph #'s: 2381 (N) → 2384 (W)

Geology code: SERP Soil Texture code: FISC | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 1 Bare/Fine: <1 Litter: 95 BA Stems: 3 Water: 0

Slope exposure, Actual °: 350 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 1.5 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: QUERCUS DURATA STAND WITH LOW UNDERSTORY ON SERPENTINE SLOPE. STAND LOCATED ON MOSTLY FLAT RIDGE. UNIDENTIFIED (ASH) IN UNDERSTORY OF QUERCUS AGRI-FOLIA

(A) RAT NESTS (WOOD RAT 4-5)

Type/ Level of disturbance codes: 05/L 1/5 L 1 1 "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 11

% Cover - Overstory Tree Conifer/Hardwood: - / 18 Low-Medium Tree: 61 Shrub: 2 Herbaceous: 22

Height Class - Overstory Conifer/Hardwood: - / 05 Low-Medium Tree: 03 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Table with 4 columns: Strata, Species, % cover, Strata, Species, % cover. Lists species like Chlorogalum pomeridianum, Achillea millefolium, Ranunculus californicus, etc.

Unusual species: Smilacina racemosa (1 Found) Several in Fraxinus californica

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: QUERCUS DURATA

Field-assessed association name (optional):

Adjacent alliances: Adiantum fasciculatum (SE)

Confidence in alliance identification: L M (H) Explain:

Other identification problems: unable to ID FORB (ASH) in understory of QUERCUS AGRI-FOLIA

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JBPB003	JPBSE (site)	3/28/08	Jessica Purifacio, Joe Sornathichai

GPS waypoint #: 39 GPS name: Josie Crawford GPS datum: (e.g. NAD 83) _____ Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 5 6 9 1 5 7 UTMN 4 1 3 9 6 9 GPS Error: ± 13.5 m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 641 ft/m Photograph #'s: Jessica Purifacio 101 2385 (N) - 2388 (W)

Geology code: _____ Soil Texture code: FILL | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 6 Bare/Fine: 45 Litter: 9 BA Stems: 8 Water: 0

Slope exposure, Actual °: 200 General: NE NW SE SW Flat Variable All (circle one)

Slope steepness, Actual °: 10 General: 0° 1-5° 5-25° > 25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: Site U shape in SW EXPOSED STAND. QUERCUS lobata is in southern corner, separating polygon. Adenostoma fasciculatum ALLIANCE. NORTH AND serpentine grassland to the south catch and east.

Type/ Level of disturbance codes: 15 IM _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 3-7

% Cover -Overstory Tree Conifer/Hardwood: 1/1 Low-Medium Tree: - Shrub: 25 Herbaceous: 5

Height Class - Overstory Conifer/Hardwood: 1/06 Low-Medium Tree: 6 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	Marrubium FABACEUS	2		Solanum (umbelliferum)	1
	Artemisa CALIFORNICA	25		Sambucus (mexicana) (D)	1
	Mimulus AURANTIACUS	1		Lepachia calvaria	1
	Adenostoma FASCICULATA	2		Lomatium (dasycarpum)	1
	Quercus agrifolia	1		Quercus lobata	1
	Choloraalium pomeridianum	1		Zigadus Fremontii	3
	unknown grass	1		Rhynchos californicus	1
	Toxopneustes diversibilobium	1			
	Ceanothus CUNEATUS	5			
	Baccharis PILLULARIS	1			

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemisa californica

Field-assessed association name (optional): Adenostoma duran / ceanothus

Adjacent alliances: Serpentine Grass SW

Confidence in alliance identification: L M H Explain: _____

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed? _____

Polygon is more than one type: (Yes, No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

For Office Use: Final database #: Final vegetation type name: Alliance: Association:

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: JRBP 0003 Air photo #: JRBP, site, 2005 Date: 03/28/08 Name(s) of surveyors: Jessica Runko, Joe Scorninienahi
 GPS waypoint #: 39 GPS name: Josie Crow GPS datum: (e.g. NAD 83) Zone: 10S / 10T / 11S (circle one)
 UTM field reading: UTM E 569157 UTM N 4139689 GPS Error: ± 13.5 (ft) m
 Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)
 Elevation: 411 (ft) / m Photograph #'s: J. Runko 101-2385 North 101-2388 West
 Geology code: (KSFCH) Soil Texture code: F1CL | Upland or Wetland/Riparian (circle one)
 Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)
 % Surface cover (sum to 100%) Lg rock: <1 Sm rock 0 Bare/Fine: 45 Litter: 41 BA Stems: 8 Water: 0
 Slope exposure, Actual °: 200 General: NE NW SE SW Flat Variable / All (circle one)
 Slope steepness, Actual °: 10 General: 0° 1-5° 5-25° > 25° (circle one)
 Size of stand: <1 acre ✓ 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400m² / 1000 m² / Other

Site history, stand age, and comments: Artemisia stand in a U shape circling a Chase stand. A Quercus lobata splits the stand into 2 segments but is part of the neighboring grassland composition. Stand is SW exposed. Andrestoma stand is to the North and Quercus lobata is to the South. Serpentine grassland extends to the SW side of the stand.
 Type/ Level of disturbance codes: 15/M / / / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)
 Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)
 Herbaceous: H1 (<12" plant ht.) H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 31
 % Cover - Overstory Tree Conifer/Hardwood: <1 Low-Medium Tree: — Shrub: 25 Herbaceous: 3
 Height Class - Overstory Conifer/Hardwood: <100 Low-Medium Tree: — Shrub: 03 Herbaceous: 01
 Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	<u>Marah fabiaceous</u>	<u>2</u>		<u>Baccharis pilularis</u>	<u>1</u>
	<u>Artemisia californica</u>	<u>25</u>		<u>Solanum umbelliferum</u>	<u>1</u>
	<u>Mimulus aurantiacus</u>	<u>1</u>		<u>Sambucus mexicana</u>	<u><1</u>
	<u>Andrestoma ficioides</u>	<u>2</u>		<u>Lepechinia calycina</u>	<u><1</u>
	<u>Quercus agrifolia</u>	<u><1</u>		<u>Zigadenis foeniculifera</u>	<u>3</u>
	<u>Choloragalum pomidianum</u>	<u>1</u>		<u>Lomatium dasycarpum</u>	<u><1</u>
	<u>Unknown grass</u>	<u><1</u>		<u>Rhamnus californica</u>	<u><1</u>
	<u>Toxicodendron diversiloba</u>	<u>1</u>			
	<u>Ceanothus cuneatus</u>	<u>5</u>			

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemisia californica alliance
 Field-assessed association name (optional): Ceanothus cuneatus Andrestoma ficioides association
 Adjacent alliances: Serpentine grassland SW, SE; Andrestoma ficioides NW
 Confidence in alliance identification: L M H Explain: _____
 Other identification problems: _____
 Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?
 Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)
 Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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GPS waypoint #: 037 GPS name: Josie GPS datum: (e.g. NAD 83) Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 569213 UTMN 4139732 GPS Error: ±12.6 ft/m

Is GPS within stand? Yes No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 1043 ft/m Photograph #'s: 235 (N) - 238 (W)

Geology code: SERP Soil Texture code: FISC | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 1 Bare/Fine: 4 Litter: 95 BA Stems: 3 Water: 0

Slope exposure, Actual °: 350 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 1.5 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Four wood rat nests within stand. Trail bordering North Slope. Stand located on top of ridge on mostly flat around. Red ants in trail. Unidentified Aster in early phenology. Quercus durata stand with low understory on serpentine soil. Lots of leaf litter.

Type/ Level of disturbance codes: 05/L 15/L / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decedent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 2 Total % Vasc Veg cover: 61

% Cover - Overstory Tree Conifer/Hardwood: 1/18 Low-Medium Tree: 4 Shrub: 2 Herbaceous: 22

Height Class - Overstory Conifer/Hardwood: 1/05 Low-Medium Tree: 03 Shrub: 03 Herbaceous: 61

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	<i>Chlorogalum pomeridianum</i>	4		<i>Quercus durata</i>	38
	<i>Arnica montana</i>	<1		<i>Quercus agrifolia</i>	5
	<i>Plantago erecta</i>	2		<i>Sanicula crassicaulis</i>	2
	<i>Panicum densiflorum</i>	5		<i>Zigadenus fremontii</i>	1
	<i>Wyethia angustifolia</i>	2		<i>Fragaria</i> ?? (Aster sp)	7%
	<i>Umbellularia californica</i>	1		<i>Heteromeles acutifolia</i>	<1
	<i>Andenostoma fasciculatum</i>	1		<i>Marah fabaceus</i>	<1
	<i>Rhamnus californicus</i>	2			
	<i>Toxicodendron diversilobum</i>	5			

Unusual species: Smilax racemosa individual found

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus durata alliance

Field-assessed association name (optional): _____

Adjacent alliances: Andenostoma fasciculatum SE Andenostoma fasciculatum Ceanothus cuneatus west

Confidence in alliance identification: L M H Explain: _____

Other identification problems: unable to identify aster sp.

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed?

Polygon is more than one type: (Yes, No) No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: Air photo #: Date: Name(s) of surveyors:

T10-330 B&C 3/27/08 BF, CS, JA, MA, KW, DR

GPS waypoint #: NA GPS name: Harry GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 56 8650 UTMN 41 39746 GPS Error: ± 16 (ft) m

Is GPS within stand? Yes No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 575 (ft) m Photograph #'s: 107-110

Geology code: GREE Soil Texture code: MFSA Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 30 Bare/Fine: 30 Litter: 35 BA Stems: 5 Water: 0

Slope exposure, Actual °: 180S General: NE NW SE SW Flat Variable /All (circle one)

Slope steepness, Actual °: 2 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres X >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: grazing ended here in the 60s wet meadow bet. Baccharis pilularis stands prob fed by a seep. B. pil. is mature to senescent

Type/ Level of disturbance codes: 05, L 29, L "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decedent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: Total % Vasc Veg cover:

% Cover -Overstory Tree Conifer/Hardwood: 0/0 Low-Medium Tree: <1 Shrub: 45 Herbaceous: 10

Height Class - Overstory Conifer/Hardwood: 0/0 Low-Medium Tree: 04 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	Gallium sp.	<1		Nasella pulchra	2
H	Silybum marianum	<1	H	Satureja douglasiana	1
H	Dipsacus fullonum	<1	H	Vulpia sp.	1
S	Baccharis pilularis	40	H	Marah fabaceae	1
S	Rhamnus californica	3	H	Sherardia arvensis	<1
S	Ribes californica	<1	S	Toxicodendron diversifolium	1
H	Erodium cicutarium	1	H	Gnaphalium californicum	<1
H	Carduus pycnocephalus	<1	H	Sanicula lasinata	1
H	Anagallis arvensis	1	H	Chlorogollum pomeridianum	4
H	Lotus purshianus	<1	S	Sambucus mexicana	<1
Unusual species	Mimulus aurantiacus	1		Rubus ursinus	3

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Baccharis pilularis

Field-assessed association name (optional): B. pil, Rubus ursinus, Nasella pulchra

Adjacent alliances: wet meadow, annual grassland (Ew)

Confidence in alliance identification: L M H Explain: no probs.

Other identification problems: None

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed?

Polygon is more than one type: Yes No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: part of a Salix lasiolepis alliance

Guillema lasiophylla

For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: T10-220 Air photo #: B9C Date: 3/27/08 Name(s) of surveyors: Betty Fetscher, Kathy Weigand, Diane Reshaw

GPS waypoint #: 15 GPS name: Harry GPS datum: (e.g. NAD 83) NAD83 Zone: 10S 10T / 11S (circle one)
UTM field reading: UTM E 568552 UTM N 4139607 GPS Error: ± 15 (ft) m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 563 (ft) m Photograph #'s: 111-114

Geology code: GREE Soil Texture code: MFSA Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 1 Bare/Fine: 4 Litter: 2 BA Stems: 3 Water: 0

Slope exposure, Actual °: 117 General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 24 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre X 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: huge old oak! lots of deer trails, lots of coarse woody debris.

Type/ Level of disturbance codes: 05, L / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: Total % Vasc Veg cover: 90

% Cover - Overstory Tree Conifer/Hardwood: 0/80 Low-Medium Tree: 0 Shrub: 15 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: 1/05 Low-Medium Tree: Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

N. v. sordidatus

Strata	Species	% cover	Strata	Species	% cover
S	Ceanothus cuneatus	1	H	Sisyrinchium bellum	<1
T	Quercus agrifolia	80	S	Rhamnus crocea	<1
S	Toxicodendron diversifolium	7	S	Minulus aurantiacus	2
H	Eriophyllum stachidifolium	<1	S	Adenostema fasciculatum	3
S	Artemisia californica	1	S	Lepechinia	1
S	Ceanothus oliganthus	<1	H	Sanicula	<1
S	Heteromeles arbutifolia	5	S	Ribes californicum	1
S	Baccharis pilularis	2	H	Satureja douglasiana	4
H	Chlorogallum	<1	H	Zigadonus	<1
Annual species: Marah fabaceus 2			Cercocarpus betuloides		<1

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus agrifolia

Field-assessed association name (optional): Q. agr., Heteromeles, Toxicodendron

Adjacent alliances: annual grassland (E), Adenostema (W)

Confidence in alliance identification: L M (H) Explain:

Other identification problems:

Has the vegetation changed since air photo taken? Yes (No) If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
T10 (220)		03/27/2008	C Solek, J Adler, M Altamirano

GPS waypoint #: 15 GPS name: Bely Garmin GPS datum: (e.g. NAD 83) NAD 83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 5 6 8 5 5 2 UTMN 4 1 3 9 6 0 7 GPS Error: ± 15 m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 563 m Photograph #'s: 111-114

Geology code: GREE Soil Texture code: MPSA | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 2 Bare/Fine: 7 Litter: 88 BA Stems: 3 Water: 0

Slope exposure, Actual °: 117 General: NE NW SE SW Flat Variable /All (circle one)

Slope steepness, Actual °: 84 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Large old oaks, lots of deadfall / limbs, deer trails through & around stand. Stand of Quercus agrifolia, many large specimens. Heavy understory of poison oak (herb + shrub layer). Heavy layer of duff litter from oaks. Oak stand is located on ridge.

Type/ Level of disturbance codes: 05 / L / / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 0 Total % Vasc Veg cover: 90

% Cover - Overstory Tree Conifer/Hardwood: 70 Low-Medium Tree: 0 Shrub: 18 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: 05 Low-Medium Tree: 04 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	<i>Quercus agrifolia</i>	70	H	<i>Wyethia</i>	<1
S	<i>Toyon</i>	5	H	<i>Wild cucumbers</i>	<1
S	<i>Artemisia californicum</i>	1	H	<i>Soap Plant</i>	<1
S	<i>Toxicodendron diversilobum</i>	7	S	<i>Cercocarpus betuloides</i>	<1
S	<i>Ceanothus oliganthus</i>	<1	H	<i>Sanicula lasinata</i>	<1
S	<i>Mimulus aurantiacus</i>	2	S	<i>Ceanothus cuneatus</i>	<1
S	<i>Coyote Brush</i>	2	S	<i>Pitcher Sage (heperichnia)</i>	<1
S	<i>Rhamnus crocea</i>	<1	S	<i>Ribes californicum</i>	<1
H	<i>Mimulus fabaceoides</i>	<1	S	<i>Chamise</i>	2

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus agrifolia

Field-assessed association name (optional): Quercus - Heteromeres (Toyon)

Adjacent alliances: Annual Cal Grassland / NE / Chamise / Chaparral SW

Confidence in alliance identification: L M H Explain: _____

Other identification problems: Poison oak in understory.

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors: C. Salek, B. Fetscher, J. Adler, M. K.
T10(330)	Site Map B-C	03-27-2008	

D. Kershaw
M. Altamirano
K. Weigand

GPS waypoint #: _____ GPS name: Retty Gramin GPS datum: (e.g. NAD 83) NAD83 Zone: (10S) / 10T / 11S (circle one)

UTM field reading: UTME 5 6 8 6 5 0 UTMN 4 1 3 9 7 4 6 GPS Error: ± 16 (ft) / m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 575 (ft) / m Photograph #'s: _____

Geology code: GREE Soil Texture code: MFS A | Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid ~~lower~~ bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 30 Bare/Fine: 30 Litter: 35 BA Stems: 5 Water: 0

Slope exposure, Actual °: 180 General: NE NW SE SW Flat Variable / All (circle one)

Slope steepness, Actual °: 2 General: 0° (1-5°) 5-25° > 25° (circle one)

Size of stand: <1 acre _____ 1-5 acres >5 acres _____ Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other _____

Site history, stand age, and comments: Graded area ~ 40-50 yrs. ago. Bachoris / grassland mix, mature stand of Bachoris, wet meadow between stand led by seep/terrace well
Lots of Bio tubicum (ground squirrels, gophers, etc.)

Type/ Level of disturbance codes: 05 / L 29 / L / / / "Other" _____

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 3 Total % Vasc Veg cover: 55

% Cover - Overstory Tree Conifer/Hardwood: 1 Low-Medium Tree: _____ Shrub: 45 Herbaceous: 10

Height Class - Overstory Tree Conifer/Hardwood: 1 Low-Medium Tree: _____ Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	Bacharris (Coyle Brush)	40			
S	Rhamnus californica	3		Nasella pulchra	2
H	Dipsacus fulvum	<1		Mara fabaceus	4
				Gallium	<1
H	Erodium cicutarium	1		Sanicula	1
S	Toxicodendron d.	1		Socoplant	1
S	Minulus a.	1		Nepetium	<1
S	Rubus ursinus	3		Cordus pycnocephalus	<1
S	Ribes californicum	<1		Potentilla	<1
S	Sambucus mexicana	<1		Vulpia sp	1

Unusual species: Guilina Lotus cinerogellum <1 <1

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Bachoris Piliaria

Field-assessed association name (optional): Rhamnus californica, Nasella pulchra

Adjacent alliances: Wet meadow (mid / Annual Grassland / E (E,W))

Confidence in alliance identification: L M (H) Explain: _____

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed? _____

Polygon is more than one type: Yes, No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Riparian scrub (Sida taiolepis) alliance

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: T10-220 Air photo #: _____ Date: 03/28/08 Name(s) of surveyors: J. Adler, M. Altamirano, C. Solek

GPS waypoint #: N/A GPS name: Hary GPS datum: (e.g. NAD 83) NAD83 Zone: (10S) 10T / 11S (circle one)

UTM field reading: UTM E 568552 UTM N 4139607 GPS Error: ± 15 (ft) / m

Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 563 (ft) / m Photograph #'s: 111-114 2N

Geology code: GREE Soil Texture code: MESA | (Upland) or Wetland/Riparian (circle one)

Topography: Macro: (top) upper mid lower bottom | Micro: (convex) flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock 1 Bare/Fine: 4 Litter: 92 BA Stems: 3 Water: 0

Slope exposure, Actual °: 117 General: NE NW (SE) SW Flat Variable / All (circle one)

Slope steepness, Actual °: 20 General: 0° 1-5° (5-25°) >25° (circle one)

Size of stand: <1 acre 1-5 acres _____ >5 acres _____ Plot: Yes / (No) If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Large old oaks, lots of Toxicodendron in low herbaceous stage, surrounded by shrubby chaparral ring. Scattered deer trails, dense old Quercus agrifolia, with scattered Heteromeles arbutifolia and chaparral species. Minimal understory with lots of leaf litter, shrubs primarily on edge of polygon

Type/ Level of disturbance codes: 05, L / / / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), (T5) (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), (S3) mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: (H1) (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 0 Total % Vasc Veg cover: 90

% Cover -Overstory Tree Conifer/Hardwood: 0/75 Low-Medium Tree: 0 Shrub: 15 Herbaceous: 2

Height Class - Overstory Conifer/Hardwood: X/05 Low-Medium Tree: X Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	<i>Quercus agrifolia</i>	75			
S	<i>Heteromeles arbutifolia</i>	3	H	<i>Chloropachium pomoidium</i>	<1
S	<i>Artemisia californica</i>	1	H	<i>Marah fabaceus</i>	2
S	<i>Baccharis pilularis</i>	2	S	<i>Cercocarpus betuloides</i>	<1
S	<i>Toxicodendron diversilobum</i>	7	H	<i>Sanicula laciniata</i>	1
S	<i>Ceanothus oliganthus</i>	<1	H	<i>Satureja douglasiana</i>	<1
S	<i>Rhamnus crocea</i>	<1	S	<i>Ceanothus cuneatus</i>	1
S	<i>Mimulus aurantiacus</i>	2	S	<i>Lepechinia calycina</i>	1
S	<i>Adenostoma fasciculatum</i>	2	H	<i>Zizadenus fremontii</i>	<1
S	<i>Eriophyllum stachaeifolium</i>	<1	S	<i>Ribes californicum</i>	1

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus agrifolia

Field-assessed association name (optional): Quercus agrifolia - Heteromeles arbutifolia

Adjacent alliances: California annual grassland E / Adenostoma fasciculatum W

Confidence in alliance identification: L M (H) Explain: dense trees, no other tree species

Other identification problems: Chaparral ring, but narrow & mixed with edge of tree canopy

Has the vegetation changed since air photo taken? Yes / (No) If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

For Office Use: Final database #: Final vegetation type name: Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: Air photo #: Date: Name(s) of surveyors:

T10-330 B+C 03/28/08 Jen Adler, Diane Renshaw, Betty Festerher

GPS waypoint #: N/A GPS name: Harry GPS datum: (e.g. NAD 83) NAD83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 568650 UTMN 4139746 GPS Error: ± 16 (ft) / m

Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 575 (ft) / m Photograph #'s: 7N 107-110 Kathy's camera

Geology code: GREE Soil Texture code: MFSA | (Upland) or Wetland/Riparian (circle one)

Topography: Macro: top upper mid (lower) bottom | Micro: convex flat (concave) undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 30 Bare/Fine: 30 Litter: 35 BA Stems: 5 Water: 0

Slope exposure, Actual °: 180 General: NE NW SE (S) SW Flat Variable/All (circle one)

Slope steepness, Actual °: 2 General: 0° (1-5°) 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres (✓) >5 acres Plot: Yes/No (No) If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Consists of a ring of Baccharis pilularis surrounding a wet meadow (seep-fed?) that leads to an ephemeral drainage that currently has water (Salix, Cornus). Baccharis is mature to senescent. Formerly grazed until the '60s. Trail crosses through N edge of polygon. Nassella is dominant grass.

Type/Level of disturbance codes: OS/L 29/L / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), (S3 mature (1-25% dead)), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), (H2 (>12" ht.)) % Non-Vasc cover: 3 Total % Vasc Veg cover: 55

% Cover - Overstory Tree Conifer/Hardwood: 0 / 0 Low-Medium Tree: 41 Shrub: 45 Herbaceous: 10

Height Class - Overstory Tree Conifer/Hardwood: / Low-Medium Tree: 04 Shrub: 04 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	Baccharis pilularis	40	H	Anagallis arvensis	1
S	Rhamnus californica	3	H	Chlorogalum pomeridianum	<1
H	Marah fabaceus	<1	H	Sauvagea douglasii	1
H	Nassella pulchra	2	H	Potentilla glandulosa	<1
H	Erodium cicutarium	1	H	Gallium sp.	<1
H	Dipsacus fullonum	<1	S	Sambucus mexicana	<1
S	Toxicodendron diversilobum	1	S	Rubus ursinus	3
H	Cornus pycnocephala	<1	S	Ribes californicum v. californicum	51
H	Sanicula laciniata	1	H	Vulpia sp.	1
H	Gratiophalum californicum	<1	S	Mimulus aurantiacus	1

Unusual species: Guillemina lasiophylla

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Baccharis pilularis

Field-assessed association name (optional): Baccharis pilularis - Rhamnus californica - Nassella pulchra

Adjacent alliances: Wet meadow (not ID'd) between / California annual grassland E & W

Confidence in alliance identification: L M (H) Explain:

Other identification problems: Polygon was split into 2 (lower was riparian - Salix lasiolepis)

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed?

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: Salix lasiolepis (w/ Toxicodendron) former down drainage

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JAS003-3		3/27/08	Nona, Christina
GPS waypoint #:	GPS name:	GPS datum:	(e.g. NAD 83) NAD 83 Zone (10S) / 10T / 11S (circle one)
UTM field reading:	UTME	UTMN	GPS Error: ± 12.1 ft/m
Is GPS within stand? (Yes) / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)			
Elevation: 655 ft m Photograph #'s: 2N 4196-4199			
Geology code: Franciscan Soil Texture code: MFSA Upland or Wetland/Riparian (circle one)			
Topography: Macro: top upper mid lower bottom Micro: convex flat concave undulating (circle one)			
% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 4 Bare/Fine: 61 Litter: 25 BA Stems: 10 Water: 0			
Slope exposure, Actual °: 220 General: NE NW SE SW Flat Variable /All (circle one)			
Slope steepness, Actual °: 12 General: 0° 1-5° 5-25° >25° (circle one)			
Size of stand: <1 acre / 1-5 acres / >5 acres Plot: Yes (No) If yes, denote size: 100 m² / 400 m² / 1000 m² / Other			

Site history, stand age, and comments:

Type/ Level of disturbance codes: 05 L / / / / / "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 7 Total % Vasc Veg cover: 34

% Cover -Overstory Tree Conifer/Hardwood: / Low-Medium Tree: - Shrub: 32 Herbaceous: 9

Height Class - Overstory Conifer/Hardwood: / Low-Medium Tree: - Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
S	Artemisia californica	23	H	Nasella sp.	<1
S	Baccharis pilularis	8			
S	Toxicodendron	7			
S	Adenostoma fasciculatum	3			
S	Mimulus aurantiacus	<1			
H	Centaurea solstitialis	2			
H	Erodium botrys	2			
H	Bromus hordeaceus	4			
H	Zygadenus fremontii	<1			

Unusual species:

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Artemisia californica

Field-assessed association name (optional): Artemisia - Baccharis - Toxicodendrum

Adjacent alliances: Quercus douglasii N, Baccharis E, S, W

Confidence in alliance identification: L M (H) Explain: Artemisia is highly dominant

Other identification problems:

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed?

Polygon is more than one-type: (Yes, No) NO (Note: type with greatest coverage in polygon should be entered in above section)

Other types:

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance: Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
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Jas006 III-21-2008 Raymond R. White, Jake Schweitzer, C Danko

GPS waypoint #: 18 GPS name: ^{602x} 602x GPS datum: (e.g. NAD 83) Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTM E 567923 UTM N 4139621 GPS Error: ± 11 ft/m

Is GPS within stand? Yes No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 336 ft/m Photograph #'s: east to north 4204-4207

Geology code: CLAL Soil Texture code: FISC Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 0 Sm rock: 0 Bare/Fine: 1 Litter: 93 BA Stems: 5 Water: 1

Slope exposure, Actual °: _____ General: NE NW SE SW Flat Variable/All (circle one)

Slope steepness, Actual °: 4 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Former town of Searsville logged sitting in

Type/ Level of disturbance codes: 05/DA "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH : T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: 0 Total % Vasc Veg cover: 35

% Cover -Overstory Tree Conifer/Hardwood: -/20 Low-Medium Tree: 3 Shrub: 0 Herbaceous: 12

Height Class - Overstory Conifer/Hardwood: -/07 Low-Medium Tree: 5 Shrub: 0 Herbaceous: 02

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	Salix lucida = lasiantha	15	H	Iris pseudacris	<1
T	Salix lasiolepis	3	H	Mugwort	<1
T	Salix exigua	2	H	Equisetum arvense	1
T	Salix	0	H	" telmateia	2
T	Cornus	1	H	Cyperus eragrostis	<1
H	Scirpus microcompus	5			
H	Acer	2	H	Starbys	<1
H	Rubus ursinus	1	H	Juncus	<1
H	Grasses	3	T	Pseudotsuga doug	<1

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Salix lucida

Field-assessed association name (optional): Typha angustifolia NE

Adjacent alliances: ← Broadleaf Evergreen Forest SE

Confidence in alliance identification: L M H Explain: _____

Other identification problems: _____

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed? _____

Polygon is more than one type: (Yes, No) (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: J006 Air photo #: _____ Date: III-27-2008 Name(s) of surveyors: Raymond R. White (RRW) Jake H. Schreier

GPS waypoint #: 17 GPS name: GPS 600 GPS datum: (e.g. NAD 83) Zone: (10S) / 10T / 11S (circle one)
 UTM field reading: UTME 568727 UTMN 4139864 GPS Error: ± 15 ft/m

Is GPS within stand? (Yes) No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 647 ft/m Photograph #'s: 2N 4203 1012A

Geology code: GREE Soil Texture code: MELS | (Upland) or Wetland/Riparian (circle one)
 Topography: Macro: (top) upper mid lower bottom | Micro: (convex) flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: 1 Sm rock: 10 Bare/Fine: 21 Litter: 65 BA Stems: 3 Water: 0

Slope exposure, Actual: 0 General: (NE) NW SE SW (Flat Variable/All (circle one))

Slope steepness, Actual: _____ General: 0° 1-5° 5-25° >25° (circle one) 20°N 10°W 5°E

Size of stand: (<1 acre) 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: grazing ceased 1960

Baccharis spreading, also Toxic early phology
different steepness on different aspects

Type/ Level of disturbance codes: 0 / _____ / _____ / _____ / _____ / _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead) 30+40

Herbaceous: H1 (<12" plant ht), H2 (>12" ht) % Non-Vasc cover: 1 Total % Vasc Veg cover: 70

% Cover - Overstory Tree Conifer/Hardwood: — / 33 Low-Medium Tree: 7 Shrub: 7 Herbaceous: 30

Height Class - Overstory Conifer/Hardwood: — / 107 Low-Medium Tree: 05 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S= Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	H <u>Leymus</u>	<u><1</u>		H <u>Chlorogalum</u>	<u>1</u>
T	<u>Q. douglasii</u>	<u>10</u>	H	<u>Bromus hordeaceus</u>	<u>10</u>
T	<u>Q. lobata</u>	<u>20</u>	H	<u>Lolium</u>	<u>2</u>
T	<u>Q. agrifolia</u>	<u>10</u>	H	<u>Centaurea substitialis</u>	<u><1</u>
S	<u>TO Arctostaphylos</u>	<u>5</u>	H	<u>Monardella</u>	<u>1</u>
S	<u>Diplazis aurantiacas</u>	<u><1</u>	H	<u>Gorizia dissectum</u>	<u><1</u>
S	<u>Artemisia</u>	<u><1</u>	H	<u>Erodium cicutarium</u>	<u>1</u>
H	<u>Galium</u>	<u><1</u>	H	<u>Lupinus</u>	<u><1</u>
H	<u>Sanicula</u>	<u>2</u>	H	<u>Vicia villosa</u>	<u><1</u>
H	<u>Candys panceptata</u>	<u>2</u>	H	<u>Lythia</u>	<u><1</u>
Unusual species:	<u>Avena</u>	<u>6</u>		<u>Achillea millefolium</u>	<u>1</u>

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: Quercus lobata

Field-assessed association name (optional): _____

Adjacent alliances: Artemisia calif. East | Baccharis pilularis NW

Confidence in alliance identification: L M (H) Explain: _____

Other identification problems: may not in flower

Has the vegetation changed since air photo taken? Yes / No If Yes, What has changed? _____

Polygon is more than one type: (Yes, No) _____ (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____

S Baccharis pilularis 2

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use: Final database #: Final vegetation type name: Alliance Association:

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #: JASPO004 Air photo #: Date: 03/27/08 Name(s) of surveyors: JS, RW

GPS waypoint #: 17 GPS name: Garin 66 GPS datum: (e.g. NAD 83) 83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 5 6 8 7 2 7 UTMN 4 1 3 9 8 6 4 GPS Error: ± 15 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance (in meters) and bearing (degrees)

Elevation: 647 ft/m Photograph #'s: 00, 01, 42, 02, 101-4803 N, E, S, W

Geology code: [LREE] Soil Texture code: MELS Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: <1 Sm rock: 10 Bare/Fine: 21 Litter: 65 BA Stems: 3 Water: —

Slope exposure, Actual °: General: NE NW SE SW Variable/All (circle one)

Slope steepness, Actual °: 2 General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes/No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: Slope/aspect vary due to stand in hilltop, slopes gradually to E. Grazing history, 1940s. BACPIL is spreading, as in 10x DIV. Early phenology of oaks.

Type/ Level of disturbance codes: "Other" 05, Grassland sp. Med. CENSOL Med.

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) 33 % Non-Vasc cover: <1 Total % Vasc Veg cover: 70

% Cover - Overstory Tree Conifer/Hardwood: — / 100 Low-Medium Tree: 7 Shrub: 7 Herbaceous: 30

Height Class - Overstory Conifer/Hardwood: 107 Low-Medium Tree: 05 Shrub: 03 Herbaceous: 01

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
T	QUELOB	20		CARPIC	2
T	QUEDOU	10		SANCHA	2
	TOXDIV	5		GERDIS	1
	BACPIL	2		ERBOST	1
T	QUEAGR	10		WYEGGA	44
	BROHOR	70		AUEBAR	1
	VISVIL	1		ACHMIL	1
	CENSOL	2		MONVILV	1
	LOLMUL	2		CHLPOM	1
				LEYTRAI	<1

Unusual species:

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: QUELOB

Field-assessed association name (optional):

Adjacent alliances: ARTCAL O, SW, BACPIL O, N

Confidence in alliance identification: L M H Explain: Oak dominant

Other identification problems:

Has the vegetation changed since air photo taken? Yes/No If Yes, What has changed?

Polygon is more than one type: Yes, No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: QUEDOU, QUEAGR, BROHOR, TOXDIV

CALIFORNIA NATIVE PLANT SOCIETY - VEGETATION RAPID ASSESSMENT FIELD FORM

(Revised Aug. 23, 2007)

For Office Use:	Final database #:	Final vegetation type name:	Alliance Association:
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Polygon/Stand #:	Air photo #:	Date:	Name(s) of surveyors:
JASPO006		03/27/08	JS, CD, BL

GPS waypoint #: 18 GPS name: Garmin 60 GPS datum: (e.g. NAD 83) 83 Zone: 10S / 10T / 11S (circle one)

UTM field reading: UTME 567583 UTMN 4139081 GPS Error: ± 11 ft/m

Is GPS within stand? Yes / No If No, cite from GPS point to stand, the distance _____ (in meters) and bearing _____ (degrees)

Elevation: 336 ft/m Photograph #'s: 4204, 4205, 4206, 4207 E, B, W, V

Geology code: CLAL Soil Texture code: MARFISC Upland or Wetland/Riparian (circle one)

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating (circle one)

% Surface cover (sum to 100%) Lg rock: — Sm rock: — Bare/Fine: 1 Litter: 9 BA Stems: 5 Water: 1

Slope exposure, Actual °: — General: NE NW SE SW Flat Variable /All (circle one)

Slope steepness, Actual °: — General: 0° 1-5° 5-25° >25° (circle one)

Size of stand: <1 acre 1-5 acres >5 acres Plot: Yes / No If yes, denote size: 100 m² / 400 m² / 1000 m² / Other

Site history, stand age, and comments: former town area. Logged. Silted. No current management

Type/ Level of disturbance codes: _____ "Other"

II. HABITAT AND VEGETATION DESCRIPTION

Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)

Herbaceous: H1 (<12" plant ht.), H2 (>12" ht.) % Non-Vasc cover: — Total % Vasc Veg cover: 88/10

% Cover -Overstory Tree Conifer/Hardwood: — / 80 Low-Medium Tree: 83 Shrub: — Herbaceous: 12

Height Class - Overstory Conifer/Hardwood: 107 Low-Medium Tree: 05 Shrub: — Herbaceous: 02

Height classes: 01=<1/2m 02=1/2-1m 03=1-2m 04=2-5m 05=5-10m 06=10-15m 07=15-20m 08=20-35m 09=35-50m 10=>50m

Species (List up to 20 major species), Stratum, and Approximate % cover. Stratum categories: T= Overstory tree, U= Low-Medium Tree, S = Shrub, H= Herb, N= Non-vascular. % cover intervals for reference: <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, 75%.

Strata	Species	% cover	Strata	Species	% cover
	BUBURS	1		EQU TAL	2
	EQUARV	<1		SCIMIC SCIMIC	5
	SALEX	1		ABTDOU	<1
	CORSEB	1		ACENEG	3
	STADP (Stachys)	<1		GRASSUS [NFI]	3
	PSUDOU	<1			
	Juncus sp.	<1			
	SALLUC	5			
	SALLAS	5			

Unusual species: _____

III. INTERPRETATION OF STAND

Field-assessed vegetation alliance name: SALLUC

Field-assessed association name (optional): Mixed riparian - SALLAS, ACENEG

Adjacent alliances: TYPANG N 25M

Confidence in alliance identification: L M H Explain: High Salix cover

Other identification problems: Grasses w/ no fls.

Has the vegetation changed since air photo taken? Yes No If Yes, What has changed?

Polygon is more than one type: (Yes, No) No (Note: type with greatest coverage in polygon should be entered in above section)

Other types: _____