APPENDIX A

DATA FORMS FOR HABITAT VALUE MONITORING

FIELD DATA COLLECTION FORM HABITAT VALUE MONITORING

DATE/MONITOR(S) HABITAT TYPE MONITORING LOCATION SAMPLING SITE NUMBER PHOTODOCUMENTATION MAPPING OF DISTUBANCE

•

PLOT NUMBER

YES OR NO YES OR NO

IF YES, PHOTO NUMBER __

QUADRAT NO.	SPECIES	STRATUM	STATUS ³	COVER RANGE MIDPOINT	DENSITY
					1
	1				1
	1				1
	1				1
		·			1
		•			
			_		1
			-		1
					1
					1
		*			and the second second

Stratum = Tree (T); Shrub or subshrub (S), Herb (H); Ground (G). Ground includes plant litter, bare ground, rock. ²Status = Native or naturalized (N) or Invasive (I).

³Cover Class:

Cover Range (%)	Cover Range Midpoint (%)	
95-100	97.5	
75-95	85	
50-75	62.5 '	-
25-50	37.5	
5-25	15	
1-5	3	

⁴Indicate density (number of individuals).

ADDITIONAL NOTES (Note natural or human-induced vegetation, surface, or subsurface disturbance):

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DATA REDUCTION FORM HABITAT VALUE MONITORING

HABITAT TYPE MONITORINGLOCATION SAMPLINGSITENUMBER																		_		MONI SAMP	TORI	NGP	TYP	NUME PE ¹	BER	1					_				_	*				
L COVER								1000	0.0000																													STD		
HABITAT COMPONENT																	al	ADR	AT										10	124	25	26/2	73	839	40	MUB	MEAN	DEV		RS
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Native Trees		T	T	1	1	1	-	+	+	-	-	-	+	+	+	+-	+	+	-	-	+	+	+	-	-	-			T			1	1	_				-	+	-
Invasive Trees	_		-	-	-	-	-	+	+-	+	-	\vdash	-	+	+	+	+	-		-	+	-	T							1	_		+		-			-		-
Native Shrubs or Subshrubs		1	-	+	-	-	+	+	+-	+	+-	+	-	+	+	+	+	+	-	-	1	-	T	T					1	-	-	\vdash	+	+	+			+	+	-
Invasive Shrubs or Subshrubs		-	-	+	-	-	+	+	+	+	+	H	-	-	+	+	+	-			1		T	T				_	-	-	-		+		-			-		-
Nallve Herbs		-	-	-	-	+	+	+	-	+	+-	-	-	-	+		+	-			-		T					_	-	-	-	\vdash	+	-	-			-		
Invasive Herbs		-	+	+	+	+	+	+	+	+	+-	+	-	-	-	-	+	+	-		1			T				1		1	1_		_	_				1		
Ground			_	_		_	_L			1	_		_	-	_		_	-				-										<u>)</u> }								
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HABITAT COMPONENT?									<u> </u>		<u> </u>	Tra	Τ	L.	t.cl		01	0/20	121	22	23	242	5 2	6 2	7 28	3 29	30	31	32	33 34	13!	5 36	37	383	9 40	-		+	-	
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Native Trees	T							_	_	-	+	-	-		-	-	+		+	-	-	-	-	+	+	+	-		-		T				_	-	-	-	-+	
	T							_		-	-	-	1	-	-	-	+		+	+-	\vdash	-	+	+	+	-	1				T				_	-	-	-	-	
Native Shrubs or Subshrubs	T				•				-	1	-	-	+	-	-	-	+	+	+	+	\vdash	-	+	+	+	1	T								-	-	-	-	-+	
Investive Shrubs of Subshrubs									-	-	-	+	+	-	-	-+	-		+-	-	$\left - \right $	-	+	+	T	-	1							_	-	1-		-	-	
Nativa Harbs	1							_	-	+	-	+	+	-	-	+	-+	+	+	+	+	-	+	-	T	1	T								+	1-		+-	-+	
Investive Herbs									-	-	-	+	+	-	-	+	-		+-	+-	\square	-	+	-	+	-	T								_	1		_		
Ground	T									_	_		1	1						1				-			1.000													
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III. FREQUENCY					-																																		STD	
																				-7										15,005						SU	A ME	WD	EV.	VAR
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and the second	0001000	vrecees			Conception and	And in case of the local division of the loc								-		_																								

'Site Type = "Edge," "Interior to Edge," or "Core"; "Can also be sorted and/or analyzed by species; "Indicate cover class value for ac quadrat; "STD, DEV. - Standard Deviation; "VAR. = Variance

⁶Indicate density (number of Individuals) for each quadrat; ⁷Indicate frequency (presence or absence) for each quadrat.

A-2

Native Trees Invasive Trees

Native Herbs

Native Shrubs or Subshrubs Invasive Shrubs of Subshrubs

FINAL SUMMARY FORM HABITAT VALUE MONITORING

2

HABITAT TYPE MONITORING LOCATION MONITORING PLOT NUMBER

I. COVER

HABITAT COMPONENTS ¹	SAI	MPLING SITE	s ²	SUM	MEAN	STD. DEV.3	VARIANCE
	1	2	3	u .			
Native Trees							
Invasive Trees							
Native Shrubs or Subshrubs							
Invasive Shrubs or Subshrubs						4	
Native Herbs	A						
Invasive Herbs							
Ground							

DENSITY

HABITAT COMPONENTS	SA	MPLING SITE	S ²	SUM	MEAN	STD. DEV.3	VARIANCE
	1	2	3				
Native Trees		1					
Invasive Trees							
Native Shrubs or Subshrubs							
Invasive Shrubs or Subshrubs							1441
Native Herbs							
Invasive Herbs							
Ground							

III. FREQUENCY

HABITAT COMPONENTS ¹	SAN	PLING SITE	S ²	SUM	MEAN	STD. DEV. ³	VARIANCE
	1	2	3				
Native Trees							
Invasive Trees							
Native Shrubs or Subshrubs							
Invasive Shrubs or Subshrubs		14					
Native Herbs							
Invasive Herbs							0
Ground							

Habitat components can also be analyzed by species rather than canopy layer, or by native versus invasive species.

²Sampling Site 1 = "Edge." Sampling Site 2 = "Interior to Edge," Sampling Site 3 = "Core."

³Std. Dev. = Standard Deviation

⁴Ground can include plant litter, bare ground, or rock.

APPENDIX **B**

COMMON INVASIVE EXOTIC PLANT SPECIES

Appendix B

AcaciaAcaciaAilanthus altissimaTree-of-heavenArundo dohaxGiant reedAvena spp.Wild oatBambusa spp.BambooBrassica spp.MustardsCarpobrotus edulisIceplantCortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessularusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennistus staceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRobinia pseudoacaciaBlack locustSalsala australisRussian thistleSchinus molleCalifornia pepperSenecio mikanoidesGerman ivySparteur junceumSpanish broomItanarix spp.TanariskUlex europaeusGorseVinca majorPeriwinkle	Scientific Name	Common Name
Ailanthus altissimaTree-of-heavenArundo donaxGiant reedAvena spp.Wild oatBambusa spp.BambooBrassica spp.MustardsCarpobrotus edulisIceplantCortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMustands complexaMattress vineNicotiana glaucaTree tobaccoPryracantha angustifoliaPyracanthaRobinia pseudoacaciaBlack locustSalsola australisGumin reedSchinus molleCalifornia pepperSchinus molleCalifornia pepperSchinus molleGaint pepperSchinus molleGaint pepperSchinus molleGerman ivySparteum junceumSpanish broomItamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Acacia spp.	Acacia
Arundo donaxGiant reedAvena spp.Wild oatBambusa spp.BambooBrassica spp.MustardsCarpobrotus edulisIceplantCortaderia spp.Pampas grassCotoneaster pamosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomLucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMushenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPragmites communisCastor beanPyracantha angustifoliaBlack locustSalsola australisGrama itysilanSchinus molleCalifornia pepperSchinus strelingBrazilian pepperSchinus strelingGramaniskCommon reedSparisci mistleSchinus strelingBlack locustSalsola australisBrazilian pepperSchinus strelingGramaniskUlex europaeusGorseVinca majorPeriwinkle	Ailanthus altissima	Tree-of-heaven
Avena spp.Wild oatBambusa spp.BambooBrassica spp.MustardsCarpobrotus edulisLeeplantCortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPragmites communisCastor beanPyracantha angustifoliaBlack locustSalsola australisGerman ivySchinus molleCalifornia pepperSchinus strebinthifoliusBrazilian pepperSchinus strebintifoliusGarmani yuSparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Arundo donax	Giant reed
Bambusa spp.BambooBrassica spp.MustardsCarpobrotus edulisIceplantCortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoaccaiaBlack locustSalsola australisGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Avena spp.	Wild oat
Brassica spp.MustardsCarpobrotus edulisIceplantCortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMustends complexaMattress vineNicotiana glaucaTree tobaccoPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoaccaiaBlack locustSalsola australisGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Bambusa spp.	Bamboo
Carpobrotus edulisIceplantCortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Brassica spp.	Mustards
Cortaderia spp.Pampas grassCotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Carpobrotus edulis	Iceplant
Cotoneaster pannosaCotoneasterCynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRobinia pseudoacaciaBlack locustSalsola australisGerman ivySenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Cortaderia spp.	Pampas grass
Cynodon dactylonBermuda grassCytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGorseVinca majorPeniwinkle	Cotoneaster pannosa	Cotoneaster
Cytisus monspessulanusFrench broomCytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemun chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Cynodon dactylon	Bermuda grass
Cytisus scopariusScotch broomEucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Cytisus monspessulanus	French broom
Eucalyptus spp.GumFoeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Cytisus scoparius	Scotch broom
Foeniculum vulgareFennelHedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskVinca majorPeriwinkle	Eucalyptus spp.	Gum
Hedera helixEnglish ivyMesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskVinca majorPeriwinkle	Foeniculum vulgare	Fennel
Mesembryanthemum chilensisIce plantMuehlenbeckia complexaMattress vineNicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSparteum junceumSpanish broomTamarix spp.TamariskVinca majorPeriwinkle	Hedera helix	English ivy
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Nicotiana glaucaTree tobaccoPennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Muehlenbeckia complexa	Mattress vine
Pennisetum setaceumFountain grassPhragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Nicotiana glauca	Tree tobacco
Phragmites communisCommon reedPyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskVinca majorPeriwinkle	Pennisetum setaceum	Fountain grass
Pyracantha angustifoliaPyracanthaRicinus communisCastor beanRobinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Phragmites communis	Common reed
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Robinia pseudoacaciaBlack locustSalsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Ricinus communis	Castor bean
Salsola australisRussian thistleSchinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Robinia pseudoacacia	Black locust
Schinus molleCalifornia pepperSchinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Salsola australis	Russian thistle
Schinus terebinthifoliusBrazilian pepperSenecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Schinus molle	California pepper
Senecio mikanoidesGerman ivySparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Schinus terebinthifolius	Brazilian pepper
Sparteum junceumSpanish broomTamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Senecio mikanoides	German ivy
Tamarix spp.TamariskUlex europaeusGorseVinca majorPeriwinkle	Sparteum junceum	Spanish broom
Ulex europaeusGorseVinca majorPeriwinkle	Tamarix spp.	Tamarisk
Vinca major Periwinkle	Ulex europaeus	Gorse
	Vinca major	Periwinkle

COMMON INVASIVE EXOTIC PLANT SPECIES (Partial List¹)

¹ See also the Jepson Manual (Hickman 1993) for a list of species considered legally noxious by the State of California and the California Exotic Pest Plant Council (CalEPPC 1994) for a list of exotic pest plants of greatest ecological concern in **California**.