

Appendix C - TES Plant Element Occurrence Field Form — US Forest Service - 2015

Ⓢ = required field, Ⓢ* = conditionally required field

General Information

1) SITE ID: Ⓢ 20180418-2		2) DATE: Ⓢ 04/18/2018		3) SITE NAME:	
4) NRCS PLANT CODE: Ⓢ					
5) SCIENTIFIC NAME: Ⓢ Opuntia basilaris var. brachyclada					
6) RECORD SOURCE: Ⓢ		7) SURVEY ID: Ⓢ*		8) Survey Name:	
9) EXAMINER(S)- LAST: Ⓢ Creer			FIRST: Ⓢ Sheryl		MIDDLE INITIAL:
LAST: Barrett			FIRST: Luke		MIDDLE INITIAL:
10) OWNERSHIP: Ⓢ		11) Loc. Uncert: Ⓢ 16 feet		12) Uncert. Dist: Ⓢ*	
13) E.O. #		14) STATE: Ⓢ* CA		15) COUNTY: Ⓢ* Los Angeles	
16) REGION: Ⓢ*		17) FOREST: Ⓢ* Angeles NF		18) DISTRICT: Ⓢ*	
19) Area (Est):			20) Area UOM: Ⓢ*		
21) Canopy Cover Method Ⓢ* (circle one): COVER PERCENT; DAUBEN; NRMCOV					

Element Occurrence Data

22) EO Canopy Cover: %Cov: or Cover Class Code:		23) Lifeform:	
24) Number of subpopulations: 3		25) Plant Found (Revisit): Yes or No	
26) Plant Count: 4		27) Count Type: Genets/Ramets/Undetermined	
28) Count: Actual or Estimate		29) Revisit needed - Yes (or No)	
30) Revisit Date:		31) Revisit Justification:	
32) Phenology by % (Sum to 100%): Vegetative 25 Flower/Bud . . . 75 Fruit/Dispersed Seedlings/ Juvenile		33) Population Comments: (e.g., distribution, vigor, density, phenology, dispersal)	
34) Evidence of disease, competition, predation, collection, trampling, or herbivory: Yes ___ or No ___		35) Evidence Comments:	
36) Pollinator observed - Yes (or No)		37) Pollinator type(s):	
38) Pollinator comments:			

Site Morphometry

39) Percent Slope: 20%		40) Slope position:	
41) Aspect: azimuth: or cardinal: NW			
42) Elev.: Ave: Min: Max:		43) Elev UOM: Ⓢ*	

Soil Characteristics and Light Conditions

44) Substrate on which EO occurs:			
45) Parent Material:		46) Soil Moisture:	
47) Soil Texture:		48) Soil Type:	
49) Light Exposure:			

SITE ID:

Site Classifications

Record taxonomic units of the given type(s) if published classifications exist for the area.			
CLASSIFICATION TYPE	CLASS CODE	CLASSIFICATION SHORT NAME	CLASSIFICATION SET
50) Existing Veg			
51) Potential Veg			
52) Ecotype			

Habitat Quality and Management Comments

53) Habitat Description: Sparse chaparral; Adenostoma fasciculatum, Salvia leucophylla, Arena fatua	
54) Dominant Process:	
55) Process Comment:	
56) Community Quality (L, M, H):	57) Landscape Integrity (L, M, H):
58) Disturbance/Threats (present or imminent):	
59) Disturbance/Threats Comment:	
60) Non-Native Comment:	
61) Current Land Use Comment: Transmission line ROW	

Canopy Cover

Record % canopy cover by actual percent, or by cover class (as indicated in General Information Block).			
Lifeform Canopy Cover	62) % Cov or Code	Ground Cover	63) % Cov or Code
Tree		Bare	
Shrub		Gravel	
Forb		Rock	
Graminoid		Bedrock	
Non-vascular		Moss	
Lichen		Litter/Duff	
Algae		Basal Veg	
		Water	
		Road surface	
		Lichen	

SITE ID: 2180418-2

Associated Species

List species directly associated with the EO species on this site. Record the NRCS Plant Code, scientific name or both. If desired, indicate lifeform, dominant species, % cover for each species and flag non-native species.

64) Completeness of Species List: @* C, R, OR S

65) Species List Comment:

66) NRCS Plant Code	67) Scientific Name	68) Life Form	69) Dom. (Y/N)	70) % Cov or Class	71) Non- native

EO Specimen Documentation

72) Reference for ID:		
73) Primary Collector – Last Name:	First Name:	M.I.
Other Collectors – Last Name:	First Name:	M.I.
74) Collection #: @*	75) ID Confirmed: @* Y: or N: or Questionable:	
76) Verification:		
77) Specimen Repository: @*		

SITE ID: 20180418-2

Image Information

78) Image ID	79) Image Description

Location Information

(Forest Code, will be auto-populated by the database application when the spatial feature is entered)

80) USGS Quad Number:	81) USGS Quad Name:
82) Forest Quad Number:	83) Forest Quad Name:

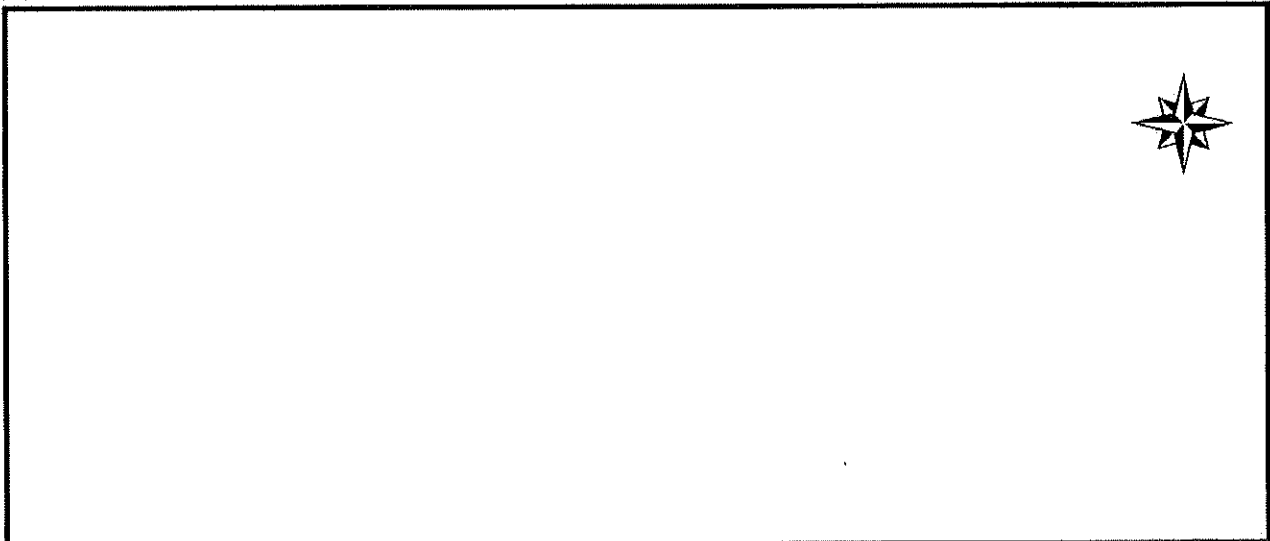
84) Legal Description: Required where public land survey is available.			
Meridian:	Township and Range:		
Section: _____	Q Sec: _____	QQ Sec: _____	QQQ Sec: _____

85) Latitude and Longitude (either in degrees, minutes, seconds or in decimal degrees)	
Geodetic Datum:	pop 1: 34.49359607, -118.52102000 pop 2: 34.49328333, -118.52224000 pop 3: 34.49335500, -118.52150000
GPS Lat. Dec. Degrees:	GPS Long. Dec. Degrees:

87) GPS Equipment Used (Manufacturer and Model):
bad-elf pro

88) Directions

90) Sketch of Site or Area



91) General EO Comments

Appendix C - TES Plant Element Occurrence Field Form — US Forest Service - 2015

Ⓢ = required field, Ⓢ* = conditionally required field

General Information

1) SITE ID: Ⓢ 20180418-1		2) DATE: Ⓢ 04/18/2018		3) SITE NAME:	
4) NRCS PLANT CODE: Ⓢ					
5) SCIENTIFIC NAME: Ⓢ Opuntia basilaris var. brachyclada					
6) RECORD SOURCE: Ⓢ		7) SURVEY ID: Ⓢ*		8) Survey Name:	
9) EXAMINER(S)- LAST: Ⓢ Creer			FIRST: Ⓢ Sheryl		MIDDLE INITIAL:
LAST: Barrett			FIRST: Luke		MIDDLE INITIAL:
10) OWNERSHIP: Ⓢ		11) Loc. Uncert: Ⓢ 16 feet		12) Uncert. Dist: Ⓢ*	
13) E.O. #		14) STATE: Ⓢ* CA		15) COUNTY: Ⓢ* Los Angeles	
16) REGION: Ⓢ*		17) FOREST: Ⓢ* Angeles NF		18) DISTRICT: Ⓢ*	
19) Area (Est):			20) Area UOM: Ⓢ*		
21) Canopy Cover Method Ⓢ* (circle one): COVER PERCENT; DAUBEN; NRMCOV					

Element Occurrence Data

22) EO Canopy Cover: %Cov: or Cover Class Code:		23) Lifeform:	
24) Number of subpopulations:		25) Plant Found (Revisit): Yes or No	
26) Plant Count: 3		27) Count Type: Genets/Ramets/Undetermined	
28) Count: Actual or Estimate			
29) Revisit needed - Yes or No		30) Revisit Date:	
31) Revisit Justification:			
32) Phenology by % (Sum to 100%): Vegetative 67 Flower/Bud 33 Fruit/Dispersed Seedlings/ Juvenile		33) Population Comments: (e.g., distribution, vigor, density, phenology/dispersal)	
		34) Evidence of disease, competition, predation, collection, trampling, or herbivory: Yes ___ or No ___	
		35) Evidence Comments:	
36) Pollinator observed - Yes or No		37) Pollinator type(s):	
38) Pollinator comments:			

Site Morphometry

39) Percent Slope: 30 %		40) Slope position:	
41) Aspect: azimuth: or cardinal: NW-facing			
42) Elev.: Ave: Min: Max:		43) Elev UOM: Ⓢ*	

Soil Characteristics and Light Conditions

44) Substrate on which EO occurs:			
45) Parent Material:		46) Soil Moisture:	
47) Soil Texture:			
48) Soil Type:		49) Light Exposure:	

SITE ID:

Site Classifications

Record taxonomic units of the given type(s) if published classifications exist for the area.			
CLASSIFICATION TYPE	CLASS CODE	CLASSIFICATION SHORT NAME	CLASSIFICATION SET
50) Existing Veg			
51) Potential Veg			
52) Ecotype			

Habitat Quality and Management Comments

53) Habitat Description: Non-native grassland (<i>Avena fatua</i>) with scattered <i>Adenostoma fasciculatum</i> . Growing under <i>A. fasciculatum</i> .	
54) Dominant Process:	
55) Process Comment:	
56) Community Quality (L, <u>M</u> , H):	57) Landscape Integrity (L, M, H):
58) Disturbance/Threats (present or imminent): transmission line ROW	
59) Disturbance/Threats Comment:	
60) Non-Native Comment:	
61) Current Land Use Comment: Transmission line ROW	

Canopy Cover

Record % canopy cover by actual percent, or by cover class (as indicated in General Information Block).			
Lifeform Canopy Cover	62) % Cov or Code	Ground Cover	63) % Cov or Code
Tree		Bare	
Shrub		Gravel	
Forb		Rock	
Graminoid		Bedrock	
Non-vascular		Moss	
Lichen		Litter/Duff	
Algae		Basal Veg	
		Water	
		Road surface	
		Lichen	

SITE ID: 20180418-1

Associated Species

List species directly associated with the EO species on this site. Record the NRCS Plant Code, scientific name or both. If desired, indicate lifeform, dominant species, % cover for each species and flag non-native species.

64) Completeness of Species List: ®* C, R, OR S

65) Species List Comment:

66) NRCS Plant Code	67) Scientific Name	68) Life Form	69) Dom. (Y/N)	70) % Cov or Class	71) Non- native

EO Specimen Documentation

72) Reference for ID:		
73) Primary Collector – Last Name:	First Name:	M.I.
Other Collectors – Last Name:	First Name:	M.I.
74) Collection #: ®*	75) ID Confirmed: ®* Y: or N: or Questionable:	
76) Verification:		
77) Specimen Repository: ®*		

SITE ID: 20180418-1

Image Information

78) Image ID	79) Image Description

Location Information

(, Forest Code, will be auto-populated by the database application when the spatial feature is entered)

80) USGS Quad Number:	81) USGS Quad Name:
82) Forest Quad Number:	83) Forest Quad Name:

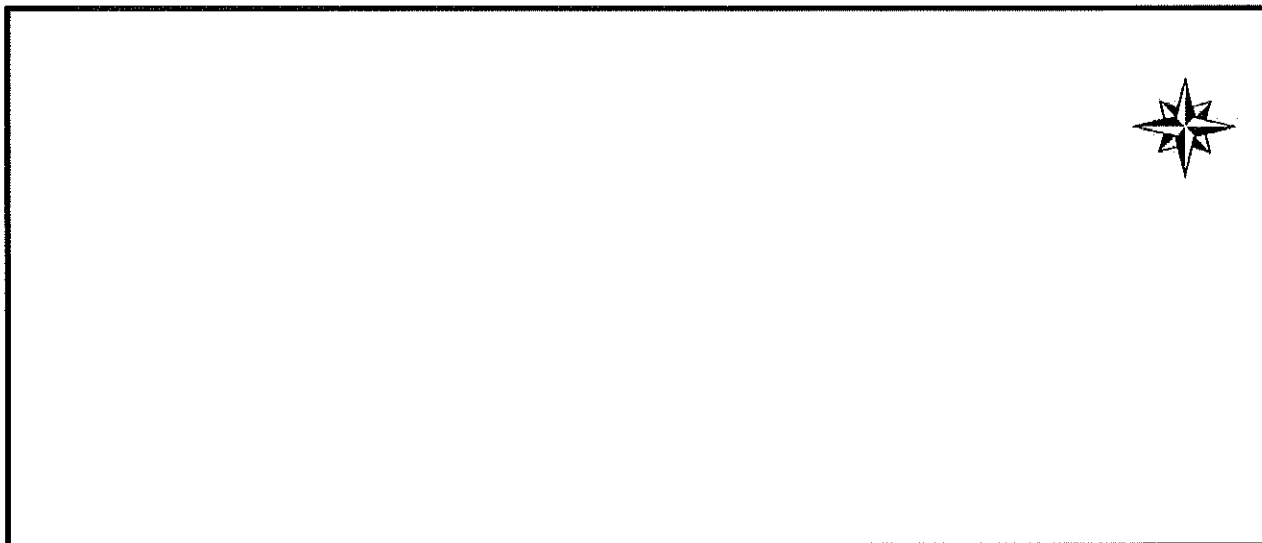
84) Legal Description: Required where public land survey is available.				
Meridian:	Township and Range:			
Section: _____	Q Sec: _____	QQ Sec: _____	QQQ Sec: _____	QQQQ Sec: _____

85) Latitude and Longitude (either in degrees, minutes, seconds or in decimal degrees)	
Geodetic Datum:	
GPS Lat. Dec. Degrees: 34.49432833	GPS Long. Dec. Degrees: -118.53754500

87) GPS Equipment Used (Manufacturer and Model):
bad eip pro

88) Directions

90) Sketch of Site or Area



91) General EO Comments

Appendix C - TES Plant Element Occurrence Field Form – US Forest Service - 2015

® = required field, ®* = conditionally required field

General Information

1) SITE ID: ® 20180418-STI-2		2) DATE: ® 04-18-18		3) SITE NAME: Castaic T-Line	
4) NRCS PLANT CODE: ®					
5) SCIENTIFIC NAME: ® <i>Opuntia basilaris</i> var. <i>brachycarpa</i>					
6) RECORD SOURCE: ®		7) SURVEY ID: ®*		8) Survey Name:	
9) EXAMINER(S)- LAST: ® Tona			FIRST: ® Sarah		MIDDLE INITIAL:
LAST: Sorci			FIRST: Andrew		MIDDLE INITIAL:
10) OWNERSHIP: ® USFS		11) Loc. Uncert: ®		12) Uncert. Dist: ®*	
13) E.O. #		14) STATE: ®* CA		15) COUNTY: ®*	
16) REGION: ®*		17) FOREST: ®* ANF		18) DISTRICT: ®*	
19) Area (Est):			20) Area UOM: ®*		
21) Canopy Cover Method ®* (circle one): COVER PERCENT; DAUBEN; NRMCOV					

Element Occurrence Data

22) EO Canopy Cover: %Cov: 3 or Cover Class Code:		23) Lifeform:	
24) Number of subpopulations:		25) Plant Found (Revisit): Yes or No	
26) Plant Count: 7		27) Count Type: Genets/Ramets/Undetermined	
28) Count: Actual or Estimate		29) Revisit needed - Yes <input checked="" type="radio"/> No	
30) Revisit Date:		31) Revisit Justification:	
32) Phenology by % (Sum to 100%): Vegetative 100 Flower/Bud ... ___ Fruit/Dispersed . ___ Seedlings/ Juvenile ___		33) Population Comments: (e.g., distribution, vigor, density, phenology, dispersal) Scattered	
34) Evidence of disease, competition, predation, collection, trampling, or herbivory: Yes ___ or No <input checked="" type="checkbox"/>		35) Evidence Comments:	
36) Pollinator observed – Yes <input checked="" type="checkbox"/> No		37) Pollinator type(s):	
38) Pollinator comments:			

Site Morphometry

39) Percent Slope: 20-40%		40) Slope position: midslope	
41) Aspect: azimuth: or cardinal: S-SW			
42) Elev.: Ave: Min: Max:		43) Elev UOM: ®*	

Soil Characteristics and Light Conditions

44) Substrate on which EO occurs:			
45) Parent Material:		46) Soil Moisture: Dry	
47) Soil Texture: Sandy		48) Soil Type:	
49) Light Exposure:			

SITE ID:

Site Classifications

Record taxonomic units of the given type(s) if published classifications exist for the area.			
CLASSIFICATION TYPE	CLASS CODE	CLASSIFICATION SHORT NAME	CLASSIFICATION SET
50) Existing Veg			
51) Potential Veg			
52) Ecotype			

Habitat Quality and Management Comments

53) Habitat Description: <i>Chamise - CA buckwheat scrub</i>	
54) Dominant Process:	
55) Process Comment:	
56) Community Quality (L, M, H):	57) Landscape Integrity (L, M, H):
58) Disturbance/Threats (present or imminent):	
59) Disturbance/Threats Comment:	
60) Non-Native Comment: <i>Bromus madritensis and Brassica nigra present</i>	
61) Current Land Use Comment: <i>Natural area in transmission line ROW</i>	

Canopy Cover

Record % canopy cover by actual percent, or by cover class (as indicated in General Information Block).			
Lifeform Canopy Cover	62) % Cov or Code	Ground Cover	63) % Cov or Code
Tree		Bare	
Shrub		Gravel	
Forb		Rock	
Graminoid		Bedrock	
Non-vascular		Moss	
Lichen		Litter/Duff	
Algae		Basal Veg	
		Water	
		Road surface	
		Lichen	

SITE ID: 20180418-ST1-2

Associated Species

List species directly associated with the EO species on this site. Record the NRCS Plant Code, scientific name or both. If desired, indicate lifeform, dominant species, % cover for each species and flag non-native species.

64) Completeness of Species List: ®* C, R, OR S

65) Species List Comment:

66) NRCS Plant Code	67) Scientific Name	68) Life Form	69) Dom. (Y/N)	70) % Cov or Class	71) Non- native
	Adenostoma fasciculatum	Shrub	Y	20	
	Salvia mellifera	Shrub	Y	15	
	Yucca whipplei	Shrub	N	4	
	Brassica nigra	Forb	N	7	Y
	Bromus madritensis	Grass	N	10	Y
	Bromus diandrus	Grass	N	10	Y

EO Specimen Documentation

72) Reference for ID:		
73) Primary Collector – Last Name:	First Name:	M.I.
Other Collectors – Last Name:	First Name:	M.I.
74) Collection #: ®*	75) ID Confirmed: ®* Y: or N: or Questionable:	
76) Verification:		
77) Specimen Repository: ®*		

SITE ID:

Image Information

78) Image ID	79) Image Description

Location Information

(, Forest Code, will be auto-populated by the database application when the spatial feature is entered)

80) USGS Quad Number:	81) USGS Quad Name:
82) Forest Quad Number:	83) Forest Quad Name:

84) Legal Description: Required where public land survey is available.

Meridian: _____ Township and Range: _____
Section: _____ Q Sec: _____ QQ Sec: _____ QQQ Sec: _____ QQQQ Sec: _____

85) Latitude and Longitude (either in degrees, minutes, seconds or in decimal degrees)

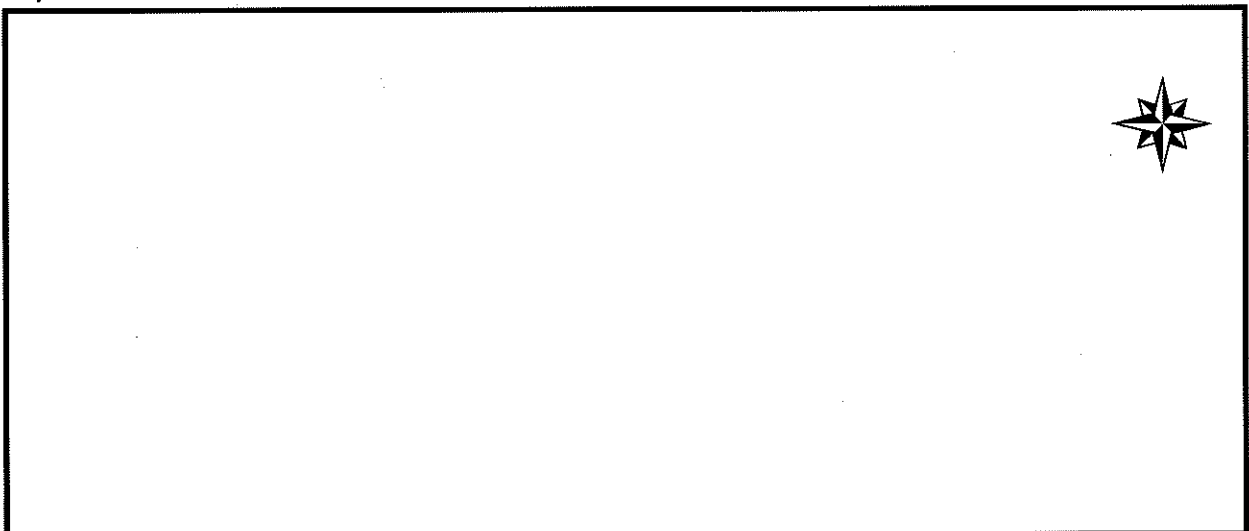
Geodetic Datum: _____

GPS Lat. Dec. Degrees: _____ GPS Long. Dec. Degrees: _____

87) GPS Equipment Used (Manufacturer and Model):

88) Directions

90) Sketch of Site or Area



Appendix C - TES Plant Element Occurrence Field Form — US Forest Service - 2015

® = required field, ®* = conditionally required field

General Information

1) SITE ID: ® 20180418-STI-1		2) DATE: ® 4/18/18		3) SITE NAME: Castaic T-Line	
4) NRCS PLANT CODE: ®					
5) SCIENTIFIC NAME: ® <i>Opuntia basilaris</i> var. <i>brachyparpa</i>					
6) RECORD SOURCE: ®		7) SURVEY ID: ®*		8) Survey Name:	
9) EXAMINER(S)- LAST: ® Tong		FIRST: ® Sarah		MIDDLE INITIAL:	
LAST: Sorci		FIRST: Andrew		MIDDLE INITIAL:	
10) OWNERSHIP: ® USFS		11) Loc. Uncert: ®		12) Uncert. Dist: ®*	
13) E.O. #		14) STATE: ®* CA		15) COUNTY: ®*	
16) REGION: ®*		17) FOREST: ®* ANF		18) DISTRICT: ®*	
19) Area (Est): 1,000 ² ft		20) Area UOM: ®*			
21) Canopy Cover Method ®* (circle one): COVER PERCENT; DAUBEN; NRMCOV					

Element Occurrence Data

22) EO Canopy Cover: %Cov: 2% or Cover Class Code:		23) Lifeform:	
24) Number of subpopulations:		25) Plant Found (Revisit): Yes or No	
26) Plant Count: 24		27) Count Type: Genets/Ramets/Undetermined	
28) Count: Actual or Estimate		29) Revisit needed - Yes <u>or No</u>	
30) Revisit Date:			
31) Revisit Justification:			
32) Phenology by % (Sum to 100%): Vegetative 100 Flower/Bud Fruit/Dispersed Seedlings/ Juvenile		33) Population Comments: (e.g., distribution, vigor, density, phenology, dispersal) <i>Scattered</i>	
		34) Evidence of disease, competition, predation, collection, trampling, or herbivory: Yes ___ or No <u>X</u>	
35) Evidence Comments:			
36) Pollinator observed - Yes <u>or No</u>		37) Pollinator type(s):	
38) Pollinator comments:			

Site Morphometry

39) Percent Slope: 40%		40) Slope position: mid slope	
41) Aspect: azimuth: SW or cardinal: 230			
42) Elev.: Ave: Min: Max:		43) Elev UOM: ®*	

Soil Characteristics and Light Conditions

44) Substrate on which EO occurs:			
45) Parent Material:		46) Soil Moisture: Dry	
47) Soil Texture: Sandy		48) Soil Type:	
		49) Light Exposure: full sun	

SITE ID:

Site Classifications

Record taxonomic units of the given type(s) if published classifications exist for the area.			
CLASSIFICATION TYPE	CLASS CODE	CLASSIFICATION SHORT NAME	CLASSIFICATION SET
50) Existing Veg			
51) Potential Veg			
52) Ecotype			

Habitat Quality and Management Comments

53) Habitat Description: CA buckwheat scrub	
54) Dominant Process:	
55) Process Comment:	
56) Community Quality (L, M, H):	57) Landscape Integrity (L, M, H):
58) Disturbance/Threats (present or imminent):	
59) Disturbance/Threats Comment:	
60) Non-Native Comment: Bromus madritensis growing alongside cactus	
61) Current Land Use Comment: Natural area in transmission line ROW.	

Canopy Cover

Record % canopy cover by actual percent, or by cover class (as indicated in General Information Block).			
Lifeform Canopy Cover	62) % Cov or Code	Ground Cover	63) % Cov or Code
Tree	0	Bare	55
Shrub	12	Gravel	
Forb	18	Rock	5
Graminoid	17	Bedrock	
Non-vascular	0	Moss	
Lichen	0	Litter/Duff	
Algae	0	Basal Veg	
		Water	
		Road surface	
		Lichen	

SITE ID: 20180418-STI-1

Associated Species

List species directly associated with the EO species on this site. Record the NRCS Plant Code, scientific name or both. If desired, indicate lifeform, dominant species, % cover for each species and flag non-native species.

64) Completeness of Species List: @* C, R, OR S

65) Species List Comment:

66) NRCS Plant Code	67) Scientific Name	68) Life Form	69) Dom. (Y/N)	70) % Cov or Class	71) Non- native
	Eriogonum fasciculatum	Shrub		5	
	Phacelia sp	Forb		2	
	Salvia columbariae	Subshrub		2	Y
	Brassica nigra	Forb	Y	7	
	Mirabilis laciniata var. crassifolia	Shrub		5	
	Bromus diandrus	Grass	Y	10	Y
	Bromus madritensis	Grass	Y	8	Y

EO Specimen Documentation

72) Reference for ID:		
73) Primary Collector – Last Name:	First Name:	M.I.
Other Collectors – Last Name:	First Name:	M.I.
74) Collection #: @*	75) ID Confirmed: @* Y: or N: or Questionable:	
76) Verification:		
77) Specimen Repository: @*		

SITE ID:

Image Information

78) Image ID	79) Image Description

Location Information

(, Forest Code, will be auto-populated by the database application when the spatial feature is entered)

80) USGS Quad Number:	81) USGS Quad Name:
82) Forest Quad Number:	83) Forest Quad Name:

84) Legal Description: Required where public land survey is available.

Meridian: _____ Township and Range: _____
Section: _____ Q Sec: _____ QQ Sec: _____ QQQ Sec: _____ QQQQ Sec: _____

85) Latitude and Longitude (either in degrees, minutes, seconds or in decimal degrees)

Geodetic Datum: _____

GPS Lat. Dec. Degrees: _____ GPS Long. Dec. Degrees: _____

87) GPS Equipment Used (Manufacturer and Model):

88) Directions

90) Sketch of Site or Area

