

## Appendix Q

### Rare Plant Communities by MRC Inventory Blocks





# Contents

<b>Q. RARE PLANT COMMUNITIES BY MRC INVENTORY BLOCKS</b>	<b>Q-1</b>
<i>Q.1 Albion</i>	<i>Q-1</i>
<i>Q.2 Big River</i>	<i>Q-4</i>
<i>Q.3 Garcia</i>	<i>Q-6</i>
<i>Q.4 Navarro East</i>	<i>Q-10</i>
<i>Q.5 Navarro West</i>	<i>Q-12</i>
<i>Q.6 Noyo</i>	<i>Q-16</i>
<i>Q.7 Rockport</i>	<i>Q-19</i>
<i>Q.8 South Coast</i>	<i>Q-22</i>
<i>Q.9 Ukiah</i>	<i>Q-26</i>



## **Q. RARE PLANT COMMUNITIES BY MRC INVENTORY BLOCKS**

Appendix Q provides the following information for rare plants and plant communities in the MRC inventory blocks:

- Scientific name
- Common name
- Microhabitat
- Elevation
- Blooming period.

## Q.1 Albion

### RARE PLANT SCOPING

#### Key Quads:

Noyo Hill            Mendocino  
 Mathison Peak    Elk  
 Comptche         Navarro

IMMEDIATE COASTAL HABITATS (COASTAL PRAIRIE/COASTAL SCRUB)												
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period								
				March	April	May	June	July	Aug	Sept	Oct	
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)									
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)									
<i>Carex saliniformis</i>	deceiving sedge	mesic	9-690 (3-230 m)									
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)									
<i>Gilia capitata</i> ssp. <i>pacifica</i>	pacific gilia	sandy coastal bluffs	15-900 (5-300m)									
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500m)									
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)									
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	wet cliffs	98-2132 (30-650 m)									
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/often disturbed	6-2100 (2-700 m)									
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	purple-stemmed checkerbloom	mesic	50-213 (15-65 m)									
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)									

CLOSED-CONE CONIFEROUS FOREST (BISHOP PINE/ PYGMY/TRANSITION)												
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period								
				March	April	May	June	July	Aug	Sept	Oct	
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900(90-885m)									
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	NA - evergreen								
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)									
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)									
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)									
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)									
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)									
<i>Pinus contorta</i> ssp. <i>bolanderi</i>	Bolander's beach pine	often podzol- like soil	245-820 (75-250 m)	N/A-evergreen								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen								

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	NA - evergreen							
<i>Campanula californica</i>	swamp harebell	coastal/mesic	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal/mesic	270-1005 (90-335 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	rocky/mesic	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	open areas	98-2132 (30-650 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open to shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/ often disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex californica</i>	California sedge	coastal-FAC	270-1005 (90-335 m)								
<i>Carex saliniformis</i>	deceiving sedge	coastal/fresh/saline-FACW	9-690 (3-230 m)								
<i>Carex viridula</i> var. <i>viridula</i>	green sedge	freshwater -OBL	3-4800 (0-1600 m)								
<i>Campanula californica</i>	swamp harebell	coastal-OBL	3-1215 (1-405 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic-NL	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Juncus supiniformis</i>	hair-leaved rush	coastal-OBL	60-300 (20-100 m)								
<i>Lilium maritimum</i>	coast lily	coastal-FACW	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	often serpentine-FACW	180- 4200 (60 - 1400 m)								
<b>TABLE NOTES</b>											
OBL->99% occurrence in wetlands											
FACW- 67-99% occurrence in wetlands											
FAC-34-66% occurrence in wetlands											
NL- not listed											

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy	150-1500 (50-500m)								
<i>Limnanthes bakeri</i>	Baker's meadowfoam	ditches/vernal pools/marsh edges	560-2912 (175-910m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							



## Q.2 Big River

### RARE PLANT SCOPING

#### Key Quads:

Comptche  
Greenough Ridge  
Navarro  
Bailey Ridge  
Orrs Springs

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open to shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/ disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	grassland-OBL	<1200 (0-425 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	often serpentine-FACW	180- 4200 (60 - 1400 m)								

#### TABLE NOTES

FACW- 67-99% occurrence in wetlands  
FAC-34-66% occurrence in wetlands

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation Ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	grassland-OBL	<1200 (0-425 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	openings, sandy	150-1500 (50-500 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	-	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	-	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400m)								

### Q.3 Garcia

#### RARE PLANT SCOPING

**Key Quads:**

Point Arena      Eureka Hill  
 Zeni Ridge        Saunders Reef  
 Gualala            McGuire Ridge

IMMEDIATE COASTAL HABITATS (COASTAL PRAIRIE/COASTAL SCRUB)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Carex comosa</i>	bristly sedge	wet grassland	<1200 (0-425 m)								
<i>Carex saliniformis</i>	deceiving sedge	mesic	9-690 (3-230 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Gilia capitata</i> ssp. <i>pacifica</i>	pacific gilia	sandy coastal bluffs	15-900 (5-300 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	within 1 mi of coast	15-1005 (5-335 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	wet cliffs	98-2132 (30-650 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	purple-stemmed checkerbloom	mesic	50-213 (15-65 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								

CLOSED-CONE CONIFEROUS FOREST (BISHOP PINE/ PYGMY/TRANSITION)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	N/A - evergreen							
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often inboard ditches	180-2370 (60-790 m)								
<i>Pinus contorta</i> spp. <i>bolanderi</i>	Bolander's pine	often podzolic soil	245-820 (75-250 m)	N/A-evergreen							

CLOSED-CONE CONIFEROUS FOREST (BISHOP PINE/ PYGMY/TRANSITION)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation Ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	NA - evergreen							
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal/mesic	270-1005 (90-335m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	within 1 mi of coast	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often inboard ditches	180-2370 (60-790 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	open areas	98-2132 (30-650 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	coastal-OBL	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal-FAC	270-1005 (90-335m)								
<i>Carex comosa</i>	bristly sedge	inland grassland-OBL	<1200 (0-425m)								
<i>Carex saliniformis</i>	deceiving sedge	fresh & saline-FACW	9-690 (3-230 m)								
<i>Carex viridula</i> var. <i>viridula</i>	green sedge	freshwater -OBL	3-4800 (0-1600m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Juncus supiniformis</i>	hair-leaved rush	coastal-OBL	60-300 (20-100 m)								
<i>Lilium maritimum</i>	coast lily	coastal-FACW	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	wet inboard ditches-FAC	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	bogs/streams/often serpentine-FACW	180- 4200 (60 - 1400 m)								

**TABLE NOTES**  
OBL->99% occurrence in wetlands  
FACW- 67-99% occurrence in wetlands  
FAC-34-66% occurrence in wetlands

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	inland mesic	<1200 (0-425 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open sandy	150-1500 (50-500 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open sandy	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								

CHAPARRAL/BROADLEAVED UPLAND FOREST											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400 m)								

## Q.4 Navarro East

### RARE PLANT SCOPING

#### Key Quads:

Navarro  
Bailey Ridge  
Philo  
Boonville

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic/streamside	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often inboard ditches	180-2370 (60-790 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	grassland-OBL	<1200 (0-425 m)								
<i>Coptis laciniata</i>	Oregon goldthreads	mesic/streamside	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Lycopodium clavatum</i>	running-pine	often inboard ditches-FAC	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<b>TABLE NOTES</b>											
FACW- 67-99% occurrence in wetlands											
FAC-34-66% occurrence in wetlands											

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation Ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	mesic	<1200 (0-425 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open/ sandy	150-1500 (50-500 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/open	150-1500 (50-500 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400 m)								



## Q.5 Navarro West

### RARE PLANT SCOPING

**Key Quads:**

Elk Cold Springs  
 Philo Bailey Ridge  
 Navarro

IMMEDIATE COASTAL HABITATS (COASTAL PRAIRIE/COASTAL SCRUB)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Carex comosa</i>	bristly sedge	wet grassland	<1200 (0-425 m)								
<i>Carex saliniformis</i>	deceiving sedge	mesic	9-690 (3-230 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Gilia capitata</i> ssp. <i>pacifica</i>	pacific gilia	sandy coastal bluffs	15-900 (5-300 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	within 1 mi of coast	15-1005 (5-335 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	wet cliffs	98-2132 (30-650 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	purple-stemmed checkerbloom	mesic	50-213 (15-65 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								

CLOSED-CONE CONIFEROUS FOREST (BISHOP PINE/ PYGMY/TRANSITION)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900(90-885m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	NA - evergreen							
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)								

CLOSED-CONE CONIFEROUS FOREST (BISHOP PINE/ PYGMY/TRANSITION)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Pinus contorta</i> ssp. <i>bolanderi</i>	Bolander's beach pine	often podzol- like soil	245-820 (75-250 m)	N/A-evergreen							
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	NA - evergreen							
<i>Campanula californica</i>	swamp harebell	coastal/mesic	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal/mesic	270-1005 (90-335 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic/streamside	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	open areas	98-2132 (30-650 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	mesic/often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/often disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	coastal-OBL	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal-FAC	270-1005 (90-335m)								
<i>Carex comosa</i>	bristly sedge	inland grassland-OBL	<1200 (0-425m)								

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Carex saliniformis</i>	deceiving sedge	fresh & saline-FACW	9-690 (3-230 m)								
<i>Carex viridula</i> var. <i>viridula</i>	green sedge	freshwater -OBL	3-4800 (0-1600m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Juncus supiniformis</i>	hair-leaved rush	coastal-OBL	60-300 (20-100 m)								
<i>Lilium maritimum</i>	coast lily	coastal-FACW	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	wet inboard ditches-FAC	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	bogs/streams/often serpentine-FACW	180- 4200 (60 - 1400 m)								

**TABLE NOTES**  
OBL->99% occurrence in wetlands  
FACW- 67-99% occurrence in wetlands  
FAC-34-66% occurrence in wetlands

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	inland mesic	<1200 (0-425 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open sandy	150-1500 (50-500 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/open	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400 m)								

## Q.6 Noyo

### RARE PLANT SCOPING

#### Key Quads:

Sherwood Peak  
Northspur  
Burbeck

NORTH COAST CONIFEROUS FOREST (UPLAND)/BROADLEAVED UPLAND FOREST												
				Blooming Period								
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct	
<i>Astragalus agnicidus</i>	Humboldt milkvetch	opening	585-2250 (195- 750 m)									
<i>Coptis laciniata</i>	Oregon goldthread	mesic/streamside	<3300 (0-1000 m)									
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)									
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)									
<i>Lycopodium clavatum</i>	running-pine	mesic	180-2370 (60-790 m)									
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)									
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)									
<i>Sanguisorba officinalis</i>	great burnet	mesic/often serpentine	180- 4200 (60 - 1400 m)									
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic	6-2100 (2-700 m)									
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)									
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen								

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	grassland-OBL	<1200 (0-425m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic/streamside	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Lycopodium clavatum</i>	running-pine	wet inboard ditches-FAC	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	bogs/streams/often serpentine-FACW	180- 4200 (60 - 1400 m)								

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<b>TABLE NOTES</b>											
OBL->99% occurrence in wetlands											
FACW- 67-99% occurrence in wetlands											
FAC-34-66% occurrence in wetlands											

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	mesic	<1200 (0-425 m)								
<i>Erigeron biolettii</i>	streamside daisy	rocky/mesic	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open/sandy	150-1500 (50-500m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/open	150-1500 (50-500 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400 m)								

## Q.7 Rockport

### RARE PLANT SCOPING

#### Key Quads:

Hales Grove Leggett  
Westport Lincoln Ridge

IMMEDIATE COASTAL HABITATS (COASTAL PRAIRIE/COASTAL SCRUB)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Carex saliniformis</i>	deceiving sedge	mesic	9-690 (3-230 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Gilia capitata</i> ssp. <i>pacifica</i>	pacific gilia	sandy coastal bluffs	15-900 (5-300m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	wet cliffs	98-2132 (30-650 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/often disturbed	6-2100 (2-700 m)								
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	purple-stemmed checkerbloom	mesic	50-213 (15-65 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Campanula californica</i>	swamp harebell	coastal/mesic	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal/mesic	270-1005 (90-335 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	rocky/mesic	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)								



NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST												
				Blooming Period								
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct	
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	open areas	98-2132 (30-650 m)									
<i>Piperia candida</i>	white-flowered rein orchid	open to shaded in conifer forest	100-4300 (30-1310 m)									
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)									
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)									
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/ often disturbed	6-2100 (2-700 m)									
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)									
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen								

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex saliniformis</i>	deceiving sedge	coastal/fresh/saline-FACW	9-690 (3-230 m)								
<i>Carex viridula</i> var. <i>viridula</i>	green sedge	freshwater -OBL	3-4800 (0-1600 m)								
<i>Campanula californica</i>	swamp harebell	coastal-OBL	3-1215 (1-405 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic-NL	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Juncus supiniformis</i>	hair-leaved rush	coastal-OBL	60-300 (20-100 m)								
<i>Lilium maritimum</i>	coast lily	coastal-FACW	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often ditches	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	often serpentine-FACW	180- 4200 (60 - 1400 m)								

**TABLE NOTES**  
OBL->99% occurrence in wetlands  
FACW- 67-99% occurrence in wetlands  
FAC-34-66% occurrence in wetlands  
NL- not listed

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400m)								

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open sandy	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open (inland)	1275-1725 (425-575 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400 m)								

## Q.8 South Coast

### RARE PLANT SCOPING

**Key Quads:**

Elk Mallo Pass Creek  
 Cold Springs Point Arena  
 Eureka Hill Zeni Ridge

IMMEDIATE COASTAL HABITATS (COASTAL PRAIRIE/COASTAL SCRUB)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Carex comosa</i>	bristly sedge	wet grassland	<1200 (0-425 m)								
<i>Carex saliniformis</i>	deceiving sedge	mesic	9-690 (3-230 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Gilia capitata</i> ssp. <i>pacifica</i>	pacific gilia	sandy coastal bluffs	15-900 (5-300 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	within 1 mi of coast	15-1005 (5-335 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	wet cliffs	98-2132 (30-650 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	purple-stemmed checkerbloom	mesic	50-213 (15-65 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								

CLOSED-CONE CONIFEROUS FOREST (BISHOP PINE/ PYGMY/TRANSITION)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	N/A - evergreen							
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	mesic	270-1005 (90-335 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often inboard ditches	180-2370 (60-790 m)								
<i>Pinus contorta</i> spp. <i>bolanderi</i>	Bolander's pine	often podzolic soil	245-820 (75-250 m)	N/A-evergreen							
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

NORTH COAST CONIFEROUS FOREST (UPLAND) / BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation Ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Kopsiopsis hookeri</i>	small groundcone	salal/huckleberry/madrone	295-2900 (90-885 m)								
<i>Hesperocyparis pygmaea</i>	pygmy cypress	often podzolic soil	90-1500 (30-500 m)	NA - evergreen							
<i>Campanula californica</i>	swamp harebell	mesic/open	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal/mesic	270-1005 (90-335m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/mesic	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	within 1 mi of coast	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	mesic/often inboard ditches	180-2370 (60-790 m)								
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	open areas	98-2132 (30-650 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/MEADOWS)											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Campanula californica</i>	swamp harebell	coastal-OBL	3-1215 (1-405 m)								
<i>Carex californica</i>	California sedge	coastal-FAC	270-1005 (90-335m)								
<i>Carex comosa</i>	bristly sedge	inland grassland-OBL	<1200 (0-425m)								
<i>Carex saliniformis</i>	deceiving sedge	fresh & saline-FACW	9-690 (3-230 m)								
<i>Carex viridula</i> var. <i>viridula</i>	green sedge	freshwater -OBL	3-4800 (0-1600m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Juncus supiniformis</i>	hair-leaved rush	coastal-OBL	60-300 (20-100 m)								
<i>Lilium maritimum</i>	coast lily	coastal-FACW	15-1005 (5-335 m)								
<i>Lycopodium clavatum</i>	running-pine	wet inboard ditches-FAC	180-2370 (60-790 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	bogs/streams/often serpentine-FACW	180- 4200 (60 - 1400 m)								

**TABLE NOTES**  
OBL->99% occurrence in wetlands  
FACW- 67-99% occurrence in wetlands  
FAC-34-66% occurrence in wetlands

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	Blooming Period							
				March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	inland mesic	<1200 (0-425 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open sandy	150-1500 (50-500 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Erythronium revolutum</i>	coast fawn lily	mesic/often streamside	<3200 (0-1065 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	open sandy	150-1500 (50-500 m)								
<i>Lilium maritimum</i>	coast lily	coastal	15-1005 (5-335 m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open (inland)	1275-1725 (425-575 m)								
<i>Piperia candida</i>	white-flowered rein orchid	open-shaded in conifer forest	100-4300 (30-1310 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Sanguisorba officinalis</i>	great burnet	wet areas/ often serpentine	180- 4200 (60 - 1400 m)								
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	mesic/disturbed	6-2100 (2-700 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							
<i>Viburnum ellipticum</i>	oval-leaved viburnum	inland/often northern aspects	705-4600 (215-1400 m)								

## Q.9 Ukiah

### RARE PLANT SCOPING

**Key Quads:**  
 Orrs Springs  
 Laughlin Range  
 Ukiah

NORTH COAST CONIFEROUS FOREST (UPLAND)/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	opening	585-2250 (195- 750 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic/streamside	<3300 (0-1000 m)								
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656m)	N/A-lichen							

WETLAND/AQUATIC (RIPARIAN/BOG & FEN/MARSH & SWAMP/VERNAL POOL/MEADOWS)											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Carex comosa</i>	bristly sedge	inland mesic	<1200 (0-425 m)								
<i>Coptis laciniata</i>	Oregon goldthread	mesic/streamside	<3300 (0-1000 m)								
<i>Erythronium revolutum</i>	coast fawn lily	often streamside-FAC	<3200 (0-1065 m)								
<i>Limnanthes bakeri</i>	Baker's meadowfoam	vernal pools/swales-OBL	560-2912 (175-910m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	grassy seeps-FACW	32-2032 (10-635 m)								

#### TABLE NOTES

FACW- 67-99% occurrence in wetlands

FAC-34-66% occurrence in wetlands

VALLEY FOOTHILL GRASSLAND/ OAK WOODLAND											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Erigeron biolettii</i>	streamside daisy	mesic/rocky	90-3300 (30-1100 m)								
<i>Fritillaria roderickii</i>	Roderick's fritillary	heavy clay soil	48-384 (15-120 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy	150-1500 (50-500m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic	32-2032 (10-635 m)								
<i>Tracyina rostrata</i>	beaked tracyina	dry inland	295-1705 (90-520 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic/grassland	35-205 (10-65m)								
<i>Usnea longissima</i>	long-beard lichen	often snags/residual trees	<2000 (<656 m)	N/A-lichen							

CHAPARRAL/BROADLEAVED UPLAND FOREST											
				Blooming Period							
Scientific Name	Common Name	Microhabitat	Elevation ft (m)	March	April	May	June	July	Aug	Sept	Oct
<i>Astragalus agnicidus</i>	Humboldt milkvetch	often ridges/disturbed	585-2250 (195- 750 m)								
<i>Hesperolinon adenophyllum</i>	glandular western flax	often serpentine/rocky	450-3945 (150-1315 m)								
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	sandy/open	150-1500 (50-500m)								
<i>Malacothamnus mendocinensis</i>	Mendocino bush mallow	open (inland)	1275-1725 (425-575 m)								
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	mesic/grassland	32-2032 (10-635 m)								
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	mesic	35-205 (10-65m)								
<i>Viburnum ellipticum</i>	oval-leaved viburnum	often northern aspects	705-4600 (215-1400 m)								