

						Occurs Lanphere/Ma-le <sup>1</sup>
						Status (codes at end)
						Occurs on HBNWR
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat		
<b>Aizoaceae</b>						
<i>Carpobrotus chilensis</i> (Molina) N.E. Br.			sea fig	DM	E	X
<i>Carpobrotus edulis</i> (L.) N.E. Br.			Iceplant	DM	E, I	X
<b>Alliaceae</b>	<b>Liliaceae</b>					
<i>Allium triquetrum</i> L.			three-cornered leek	FS, FM, DM	E	
<i>Allium unifolium</i> Kellogg			one-leaf onion	CDF	N	X
<b>Alismataceae</b>						
<i>Alisma lanceolatum</i> With.			lanceleaf water plantain	FM	E	
<i>Alisma triviale</i> Pursh	<i>Alisma plantago-aquatica</i> L.		water plantain	FM	N	
<b>Amaryllidaceae</b>	<b>Liliaceae</b>					
<i>Amaryllis belladonna</i> L.			belladonna lily	DS, AW	E	
<i>Narcissus pseudonarcissus</i> L.	<i>Narcissus pseudonarcissus</i>		daffodil	AW, DS, SW	E	X
<b>Anacardiaceae</b>						
<i>Toxicodendron diversilobum</i> Torrey & A. Gray (E. Greene)			poison oak	CDF, RF	N	X
<b>Apiaceae</b>						
<i>Angelica lucida</i> L.			seacoast angelica	BM	N, C	X
<i>Anthriscus caucalis</i> M. Bieb			bur chevrol	DM	E	
<i>Cicuta douglasii</i> (DC.) J. Coulter & Rose			western water hemlock	FM	N	
<i>Conium maculatum</i> L.			poison hemlock	RF, AW	I	X
<i>Daucus carota</i> L.			Queen Anne's lace	AW, DM	I	X

<sup>1</sup>California Department of Fish and Wildlife, Eureka, CA. <sup>2</sup>Humboldt Bay National Wildlife Refuge, Arcata, CA.

					Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<i>Daucus pusillus</i> Michaux			American wild carrot	DM, SW	N	X	X
<i>Foeniculum vulgare</i> Miller			sweet fennel	AW, FM, SW	I	X	
<i>Glehnia littoralis</i> (A. Gray) Miq. ssp. <i>leiocarpa</i> (Mathias) Hultén			American silvertop	DM	N, C	X	X
<i>Lilaeopsis occidentalis</i> J.M. Coulter & Rose			lilaeopsis	FM BM	N	X	X
<i>Hydrocotyle ranunculoides</i> L.f.			marsh pennywort	FM	N	X	X
<i>Oenanthe sarmentosa</i> J.S. Presel			water parsley	FM, BM, FS, RF	N	X	X
<i>Sanicula arctopoides</i> Hook. & Arn.			footsteps of spring	DM	N		
<i>Sanicula crassicaulis</i> DC.			Pacific sanicle	CDF	N	X	X
<i>Torilis arvensis</i> (Hudson) Link			spreading hedge-parsley	CDF	E		
<b>Apocynaceae</b>							
<i>Vinca major</i> L.			bigeleaf periwinkle	DM, FM, CDF, DS	E, I	X	X
<b>Aquifoliaceae</b>							
<i>Ilex aquifolium</i> L.			English holly	CDF	E, I	X	X
<b>Araceae</b>							
<i>Lemna minuta</i> Kunth	<i>Lemna minuscula</i> Herter	<i>Lemna minuta</i> Kunth	least duckweed	OW, FM	N	X	X
<i>Lysichiton americanus</i> Hultén & St. John			yellow skunk cabbage	RF, FS	N	X	X
<i>Zantedeschia aethiopica</i> (L.) Sprengel			callalily	FM, DM, DS	E, I		
<b>Araliaceae</b>							
<i>Hedera helix</i> L.			English ivy	CDF, RF	E, I	X	X
<b>Asteraceae</b>							
<i>Achillea millefolium</i> L.			common yarrow	DM, CDF, SW	N	X	X

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Ambrosia chamissonis</i> (Less.) E. Greene			beach-bur	DM, DS	N	X	X
<i>Anaphalis margaritacea</i> (L.) Benth. & Hook.			pearly everlasting	CDF, DM, SW	N	X	X
<i>Anthemis arvensis</i> L.			corn chamomile	DM	E		
<i>Anthemis cotula</i> L.			mayweed	AW, FM	E, I	X	
<i>Arctotheca calendula</i> (L.) Levyns			cape weed	CDF,FS	E,I		
<i>Artemisia pycnocephala</i> (Less.) DC.	<i>Artemisia pycnocephala</i> DC.		coastal sagewort	DM	N	X	X
<i>Baccharis glutinosa</i> Pers.	<i>Baccharis douglasii</i> DC.		saltmarsh baccharis	BM, FM	N	X	X
<i>Baccharis pilularis</i> DC.			coyote brush	DM, AW, BM, FM, FS, RF	N	X	X
<i>Bellis perennis</i> L.			lawn daisy	AW	E	X	
<i>Bidens cernua</i> L. var. <i>cernua</i>			nodding beggartick	FM, BM	N	X	
<i>Cichorium intybus</i> L.			chicory	AW	E		
<i>Cirsium arvense</i> (L.) Scop.			Canada thistle	AW	E, I	X	
<i>Cirsium vulgare</i> (Savi) Ten.			bullthistle	SW, DM, AW, FM	E, I	X	X
<i>Corethrogynne filaginifolia</i> (Hook & Arn.) Nutt var. <i>californica</i> (DC.) J.P. Saroyan	<i>Lessingia filaginifolia</i> (Hook & Arn.)	<i>Corethrogynne filaginifolia</i> (Hook & Arn.) Nutt var. <i>californica</i>	California sand-aster	DM	N	X	X
<i>Cotula australis</i> (Sieber) Hook. f.			Australian waterbuttons	DM, DS	E		
<i>Cotula coronopifolia</i> L.			brass buttons	BM, SM	E	X	X
<i>Crepis capillaris</i> (L.) Wallr.			hawksbeard	AW	E,I		
<i>Delairea odorata</i> Lem.	<i>Senecio mikanioides</i> Walp.	<i>Delairea odorata</i> Lem.	Cape ivy	DM, FS	E		
<i>Erigeron canadensis</i> L.	<i>Conyzza canadensis</i> (L.) Cronq.		Canada horseweed	DM, CDF, AW	E, I	X	X

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Erigeron glaucus</i> Ker-Gawler			seaside daisy	DM, DS	N	X	X
<i>Erigeron sumatrensis</i> Retz.	<i>Conyza floribunda</i> Kunth		asthmaweed	CDF, DM, AW	E	X	X
<i>Euthamia occidentalis</i> Nutt.			western flat-topped goldenrod	FM	N	X	
<i>Gamochaeta ustulata</i> (Nutt.) Nesom	<i>Gnaphalium purpureum</i> L.	<i>Gamochaeta purpurea</i> (L.) Cabrera	purple cudweed	DM	N	X	X
<i>Glebionis segetum</i> (L.) Fourr.	<i>Chrysanthemum segetum</i> L.	<i>Glebionis segetum</i> (L.) Fourr.	corn chrysanthemum	DM	E, I		
<i>Gnaphalium palustre</i> Nutt.			western marsh cudweed	SW, DM, AW	N	X	X
<i>Grindelia stricta</i> DC. var. <i>stricta</i>			coastal gumplant	SM, BM	N	X	X
<i>Helminthotheca echioides</i> (L.) Holub	<i>Picris echioides</i> L.		bristly ox-tongue	FM, CDF, AW	E, I	X	
<i>Hesperevax sparsiflora</i> (A. Gray) E. Greene var. <i>brevifolia</i> (A. Gray) J. Morefield	<i>Hesperevax sparsiflora</i> (A. Gray) E. Greene var. <i>brevifolia</i>		shortleaf dwarf-cudweed	DM	N, C		
<i>Hieracium albiflorum</i> Hook.			white hawkweed	CDF	N	X	X
<i>Hypochaeris glabra</i> L.			smooth cat's ear	FM, DM, SW	E	X	X
<i>Hypochaeris radicata</i> L.			rough cat's ear	DM, CDF, AW	E	X	X
<i>Jaumea carnosa</i> (Less.) A. Gray			marsh jaumea	SM	N	X	X
<i>Layia carnosa</i> (Nutt.) Torrey & A. Gray			beach layia	DM	N, C	X	X
<i>Leontodon saxitilis</i> (Lam.)	<i>Leontodon taraxacoide s</i> (Villars) Mérat ssp. <i>taraxacoide s</i>		lesser hawkbit	SW, DM, BM, FM, DS, AW	E, I	X	X
<i>Leucanthemum vulgare</i> Lam.			ox-eye daisy	FM, DM, AW	E, I	X	X

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Maidea sativa</i> Molina			coast tarweed	SW, BM, DM	N	X	X
<i>Matricaria discoidea</i> D.C.	<i>Chamomilla suaveolens</i> (Pursh) Rydb.	<i>Matricaria discoidea</i> D.C.	pineapple weed	AW, CDF, R	E	X	
<i>Petasites frigidus</i> (L.) Fries var. <i>palmatus</i> (Aiton) Cronq.			coltsfoot	RF	N	X	
<i>Pseudognaphalium ramosissimum</i> (Nutt.) Anderb.	<i>Gnaphalium ramosissimum</i> Nutt.	<i>Pseudognaphalium ramosissimum</i> (Nutt.) Anderb.	pink cudweed	CDF	N	X	X
<i>Pseudognaphalium stramineum</i> (Kunth) Anderb.	<i>Gnaphalium stramineum</i> Kunth.	<i>Pseudognaphalium stramineum</i> (Kunth) Anderb.	cotton-battling plant	DM, SW, AW	N	X	X
<i>Senecio elegans</i> L.			purple ragwort	DM, DS	E, I	X	X
<i>Senecio glomeratus</i> Desf. ex Poir.	<i>Erechtites glomerata</i> (Poiret) DC.		cutleaf burnweed	DM, SW, FM, DS, RF, CDF	E, i	X	X
<i>Senecio minimus</i> Poir	<i>Erechtites minima</i> (Poiret) DC.		coastal burnweed	CDF, DM, BM, FM, DS, RF	E, I	X	X
<i>Senecio jacobaea</i> L.			tansy ragwort	BM	E, I		
<i>Senecio sylvaticus</i> L.			woodland ragwort	CDF, AW	E, I	X	
<i>Senecio vulgaris</i> L.			old man of spring	DM, DS	E	X	X
<i>Silybum marianum</i> (L.) Gaetner			milkthistle	AW	E, I		
<i>Solidago elongata</i> Nutt.	<i>Solidago canadensis</i> L. ssp. <i>elongata</i> (Nutt.) Keck		meadow goldenrod	BM	N	X	
<i>Solidago spathulata</i> DC.	<i>Solidago spathulata</i> DC. ssp. <i>spathulata</i>		dune goldenrod	DM, CDF	N	X	X
<i>Soliva sessilis</i> Ruiz & Pavon			field burnweed	DM, CDF	E, I		
<i>Sonchus asper</i> (L.) Hill ssp. <i>asper</i>	<i>Sonchus asper</i> ssp. <i>asper</i> (L.) Hill		spiny sow-thistle	AW, DS, CDF	E, I	X	
<i>Sonchus oleraceus</i> L.			common sow thistle	DM, AW	E, I	X	X

Plants of Humboldt Bay							Occurs Lanphere/Ma-le <sup>1</sup>
Dunes and Wetlands.							Occurs on HBNWR
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)		
<i>Symphyotrichum chilense</i> (Nees) G.L. Nesom var. <i>chilense</i>	<i>Aster chilensis</i> Nees	<i>Symphyotrichum chilense</i> (Nees) G.L. Nesom var. <i>chilense</i>	common California aster	SW, BM, FM	N X	X	
<i>Tanacetum bipinnatum</i> (L.) Sch. Bip	<i>Tanacetum camphoratum</i> Less.		dune tansy	DM	N X	X	
<i>Taraxacum officinale</i> Wigg.			red-seeded dandelion	AW	E X		
<b>Azollaceae</b>							
<i>Azolla filiculoides</i> Lam.			Pacific mosquito fern	FM, SW, OW	N X	X	
<i>Azolla microphylla</i> Kaulf	<i>Azolla mexicana</i> C. Presl		Mexican mosquito fern	OW, FM	N X	X	
<b>Betulaceae</b>							
<i>Alnus rubra</i> Bong.			red alder	RF, FS, SW	N X	X	
<b>Boraginaceae</b>							
<i>Amsinckia spectabilis</i> Fischer & C. Meyer var. <i>spectabilis</i>			seaside fiddleneck	DM	N X		
<i>Borago officinalis</i> L.			common borage	AW	E		
<i>Cryptantha leiocarpa</i> (Fischer & C. Meyer) E. Greene			coastal cryptantha	DM	N X	X	
<i>Myosotis discolor</i> Pers.			forget-me-not	AW, FM	E		
<i>Sympytum asperum</i> Lepchin			rough comfrey	AW	E		
<b>Brassicaceae</b>							
<i>Barbarea verna</i> (Mill.) Asch.			early yellowrocket	SW	E		
<i>Barbarea vulgaris</i> R. Br.			common wintercress	AW, SW	E		
<i>Brassica rapa</i> L.			common mustard	AW, FM	E, I	X	
<i>Cakile edentula</i> (Bigelow) Hook.			American sea rocket	DM	E X	X	
<i>Cakile maritima</i> Scop.			European sea rocket	DM	E X	X	
<i>Capsella bursa-pastoris</i> (L.) Medikus			shepherd's purse	DM, DS, AW	E X	X	

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Cardamine oligosperma</i> Torrey & Gray			bitter cress	DM, AW, DS, SW	N	X	X
<i>Coincyia monensis</i> (L.) Greuter & Burdet			star-mustard	DM	E,I		
<i>Draba verna</i> L.			small fruiting spring draba	DM, SW	N		
<i>Erysimum menziesii</i> (Hook) Wettst. <i>eurekense</i> R.A. Price	<i>Erysimum menziesii</i> (Hook) ssp. <i>eurekense</i> R.A. Price		Humboldt Bay wallflower	DM	N, C	X	X
<i>Hirschfeldia incana</i> (L.) Lagr.-Fossat			shortpod mustard	DM, AW	E,I	X	X
<i>Lepidium nitidum</i> Torrey & A. Gray	<i>Lepidium nitidum</i> Torrey & A. Gray var. <i>nitidum</i>		shining pepperweed	DM	N	X	X
<i>Lobularia maritima</i> (L.) Desv.			sweet alyssum	DS	E		
<i>Nasturtium officinale</i> W.T. Aiton	<i>Rorippa nasturtium-aquaticum</i> (L.) Hayek	Nasturtium officinale W.T. Aiton	water cress	FM, RF	N		
<i>Raphanus raphanistrum</i> L.			wild radish	DM, AW, RF	E	X	X
<i>Sisymbrium officinale</i> L.			hedge mustard	AW, CDF	E, I	X	X
<b>Callitrichaceae</b>							
<i>Callitriche heterophylla</i> (Pursh) var. <i>bolanderi</i> (Hegelm.) Fassett			water starwort	DS, AW, FM	N		
<i>Callitriche stagnalis</i> Scop.			pond water-starwort	OW, FM	E		
<b>Caprifoliaceae</b>							
<i>Linnaea borealis</i> L. var. <i>longiflora</i> Torrey		<i>Linnaea borealis</i> L. ssp. <i>longiflora</i> (Torrey) Hultén	twin flower	CDF	N pla nte d	X	X
<i>Lonicera hispidula</i> (Douglas ex Torr. & A. Gray)	<i>Lonicera hispidula</i> Douglas var. <i>vacillans</i> A. Gray		pink honeysuckle	CDF, RF	N	X	X
<i>Lonicera involucrata</i> (Richardson) Banks var. <i>ledebourii</i> (Eschsch.) Zabel			coast twinberry	CDF, FS, RF	N	X	X

Plants of Humboldt Bay Dunes and Wetlands.							Occurs on HBNWR	Occurs Lanphere/Ma-le'l
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat		Status (codes at end)		
<i>Sambucus racemosa</i> L.			red elderberry	RF, CDF, FS	N	X	X	
<b>Caryophyllaceae</b>								
<i>Cardionema ramosissimum</i> (J. A. weinm.) Nelson & J.F. Macbr.			sandmat	DM, DS	N	X	X	
<i>Cerastium glomeratum</i> Thuill.			sticky chickweed	DM, DS, SW, AW, FM	E	X	X	
<i>Polycarpon tetraphyllum</i> (L.) L.			four-leaved manyseed	DM	E			
<i>Sagina decumbens</i> (Elliot) Torrey & Gray ssp. <i>occidentalis</i> (S. Watson) G. Crow			western pearlwort	SW	N	X	X	
<i>Sagina procumbens</i> L.			birdeye pearlwort	AW	E			
<i>Silene gallica</i> L.			common catchfly	DM	E	X	X	
<i>Spergula arvensis</i> L.	<i>Spergula arvensis</i> L. ssp. <i>arvensis</i>		spurry	DM, DS, FM	E			
<i>Spergularia canadensis</i> (Pers.) G. Don var. <i>occidentalis</i> R. Rossbach			western sand-spurrey	BM, SM	N, C	X	X	
<i>Spergularia marina</i> (L.) Griseb.		<i>Spergularia salina</i> (L.) (Griseb.) J. Presl & C. Presl	salt marsh sand spurrey	SM, BM, AW	N	X	X	
<i>Spergularia macrotheca</i> (Hornem.) Heynh. var. <i>macrotheca</i>			sticky sand spurrey	SM, SW	N	X	X	
<i>Spergularia rubra</i> (L.) J.S. Presl. & C. Presl.			red sand spurry	BM, AW	E			
<i>Stellaria nitens</i> Nutt.			northern starwort	BM, SW	N	X		
<i>Stellaria longipes</i> Goldie. var. <i>longipes</i>			meadow starwort	FM	N			
<i>Stellaria media</i> (L.) Villars			common chickweed	AW, DM, FM, DS, SW	E	X	X	



Plants of Humboldt Bay Dunes and Wetlands.							Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
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FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat					
<i>Cuscuta pacifica</i> Costea & M. Wright <i>var. pacifica</i> Yuncker		<i>Cuscuta salina</i> Engelm. var. <i>major</i> Yuncker		saltmarsh dodder	SM, BM	N	X	X	
<b>Cyperaceae</b>									
<i>Bolboschoenus maritimus</i> (L.) Palla	<i>Scirpus maritimus</i> L.	<i>Schoenoplectus maritimus</i> (L.) Lye	seacoast bulrush	BM	N	X	X		
<i>Bolboschoenus robustus</i> Pursh Sojak	<i>Scirpus robustus</i> Pursh	<i>Schoenoplectus robustus</i> (Pursh) M.T. Strong	sturdy bulrush	BM	N				
<i>Carex cusickii</i> Mackenzie			Cusick's sedge	FS	N				
<i>Carex leptopoda</i> Mack.	<i>Carex deweyana</i> Schwein. ssp. <i>leptopoda</i> (Mackenzie) Calder & R. Taylor	<i>Carex leptopoda</i> Mack.	Dewey's taper-fruit sedge	CDF	N				
<i>Carex lyngbyei</i> Hornem			Lyngbye's sedge	BM, SM	N, C	X	X		
<i>Carex obnupta</i> L. Bailey			slough sedge	SW, FM	N	X	X		
<i>Carex pansa</i> L. Bailey			sand-dune sedge	SW, DM	N	X	X		
<i>Cyperus eragrostis</i> Lam.			tall flatsedge	FM, SW, BM, DM, R	N	X			
<i>Eleocharis macrostachya</i> Britton			common spikerush	SW, FM	N	X	X		
<i>Eleocharis pachycarpa</i> Desv.			broad-fruit spikerush	FM	E				
<i>Eleocharis parvula</i> (Roemer & Schultes) Link			small spikerush	FM	N C				
<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) A Löve & D. Löve var. <i>occidentalis</i> (S. Watson) S.G. Sm.	<i>Scirpus acutus</i> Bigelow var. <i>occidentalis</i> (S. Watson) Beetle	<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) A Löve & D. Löve var. <i>occidentalis</i> (S. Watson) S.G. Sm.	hard-stemmed tule	FM, BM	N	X	X		
<i>Schoenoplectus americanus</i> (Pers.) Volkart ex Schinz & R. Keller	<i>Scirpus americanus</i> Pers.	<i>Schoenoplectus americanus</i> (Pers.) Volkart ex Schinz & R. Keller	bulrush	FM, BM	N				

Plants of Humboldt Bay						
Dunes and Wetlands.						
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FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR
<i>Schoenoplectus pungens</i> (Vahl) Palla <i>var. longispicatus</i>	<i>Scirpus pungens</i> Vahl	<i>Schoenoplectus pungens</i> (Vahl) Palla <i>var. badius</i> (J. Presl & C. Presl) S.G. Sm.	three-square	FM, BM	N	X
<i>Scirpus cernuus</i> (Roemer & Schultes) Vahl.		<i>Isolepis cernua</i> (Vahl) Roem. & Schult.	low clubrush	SW, FM, BM, SM	N	X
<i>Scirpus microcarpus</i> C. Presl			small-fruited bulrush	FM, RF	N	X
<b>Denstaeidiaceae</b>						
<i>Pteridium aquilinum</i> (L.) Kuhn var. <i>pubescens</i> L. Underw.	<i>Pteridium aquilinum</i> (L.) Kuhn var. <i>pubescens</i> L.		western bracken fern	CDF, DM, DS	N	X
<b>Dipsicaceae</b>						
<i>Dipsacus fullonum</i> L.			wild teasel	AW, FM	E, I	
<b>Dryopteridaceae</b>						
<i>Dryopteris arguta</i> (Kaulf.) Maxon			coastal wood fern	RF, FM, FS	N	X
<i>Polystichum munitum</i> (Kaulf.) C. Presl			sword fern	CDF, RF	N	X
<b>Equisetaceae</b>						
<i>Equisetum arvense</i> L.			common horsetail	FM, RF	N	
<i>Equisetum laevigatum</i> A. Braun			smooth scouring-rush	RF, SW	N	
<i>Equisetum telmateia</i> Ehrh. ssp. <i>Braunii</i> (Milde) R.L.Hauke			giant horsetail	FM, RF, AW, CDF	N	X
<b>Ericaceae</b>						
<i>Allotropa virgata</i> A. Gray		(Monotropaceae)	sugar-stick	CDF	N	X
<i>Arbutus menziesii</i> Pursh			Pacific madrone	CDF	N	X
<i>Arctostaphylos columbiana</i> Piper			hairy manzanita	CDF	N	X
<i>Arctostaphylos uva-ursi</i> (L.) Sprengel			bearberry	CDF, DM	N	X
<i>Arctostaphylos x media</i> E. Greene			hybrid manzanita	CDF	N	X

Occurs Lanphere/Ma-le'<sup>1</sup>

Occurs on HBNWR

Status (codes at end)

						Occurs on HBNWR	Occurs Lanphere/Ma-le'l
					Status (codes at end)		
<b>Plants of Humboldt Bay</b>							
<b>Dunes and Wetlands.</b>							
Compiled by Gordon Leppig <sup>1</sup> and Andrea Pickart <sup>2</sup> . 6/2019							
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<i>Chimaphila umbellata</i> (L.) Bartram			pipsissewa	CDF	N	X	X
<i>Chimaphila menziesii</i> (R. BR. Ex d. Don) Spreng.			Little prince's pine	CDF	N	X	X
<i>Erica lusitanica</i> Rudolphi			Spanish heath	FM/FS	E,I		
<i>Gaultheria shallon</i> Pursh			salal	CDF	N	X	X
<i>Pyrola picta</i> Smith			white-veined wintergreen	CDF	N	X	X
<i>Vaccinium ovatum</i> Pursh			evergreen huckleberry	CDF, FS	N	X	X
<b>Fabaceae</b>							
<i>Acacia dealbata</i> Link			silver wattle	FS, CDF	E, I		
<i>Acmispson americanus</i> (Nutt.) Rydb. var. <i>americanus</i>	<i>Lotus purshianus</i> (Benth.) Clements & E.G. Clements var. <i>purshianus</i>	<i>Lotus unifoliatus</i> (Hook) Benth. var. <i>unifoliatus</i>	American bird's-foot trefoil	SW, DM	N	X	X
<i>Acmispson parviflorus</i> (Benth.) D.D. Sokoloff	<i>Lotus micranthus</i> Benth.		small-flowered lotus	DM, SW	N	X	X
<i>Cytisus scoparius</i> (L.) Link			scotch broom	CDF, RF, FS, DS, SW	E, I	X	
<i>Genista monspessulana</i> (L.) L. Johnson			French broom	FS	E, I		
<i>Hosackia gracilis</i> Benth.	<i>Lotus formosissimus</i> E. Greene		coastal lotus	FM, FS	N		
<i>Lathyrus latifolius</i> (L.)			perennial sweet pea	BM, DM	E		
<i>Lathyrus littoralis</i> (Nutt.) Endl.			silky beach pea	DM	N	X	X
<i>Lathyrus palustris</i> L.			marsh pea	FS, FM	N, C		
<i>Lathyrus vestitus</i> Nutt.var. <i>vestitus</i>			hillside pea	CDF	N	X	X
<i>Lotus corniculatus</i> L.			bird's-foot trefoil	FM, SW, AW	E, I	X	X
<i>Lotus uliginosus</i> Schk.		<i>Lotus pedunculatus</i> Cav.	big trefoil	AW, FM	E, I	X	

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Lupinus arboreus</i> Sims			yellow bush lupine	DM, DS	E,I	X	X
<i>Lupinus bicolor</i> Lindley			miniature lupine	DM	N	X	X
<i>Lupinus littoralis</i> Douglas			seashore lupine	DM	N	X	X
<i>Lupinus polyphyllus</i> Lindley var. <i>polyphyllus</i>			bigleaf lupine	AW	N		
<i>Lupinus rivularis</i> Lindley			riverbank lupine	AW, DM, DS	N	X	
<i>Medicago polymorpha</i> L.			bur-clover	DS, BM, DM	E	X	
<i>Melilotus albus</i> Medik.		<i>Melilotus alba</i> Medikus	yellow sweetclover	DM, DS, AW	E	X	
<i>Melilotus officinalis</i> (L.) Pall.			yellow sweetclover	DM, DS, AW	E	X	X
<i>Trifolium arvense</i> L.			rabbitfoot clover	DM, DS	E		
<i>Trifolium campestre</i> Schreber			hop clover	DM, DS	E		
<i>Trifolium dubium</i> Sibth.			shamrock	DM, DS, CDF, AW	E, I		
<i>Trifolium fragiferum</i> L.			strawberry clover	AW	E, I	X	
<i>Trifolium glomeratum</i> L.			clustered clover	CDF	E	X	X
<i>Trifolium hirtum</i> All.			rose clover	DM, DS	E		
<i>Trifolium macraei</i> Hook. & Arn.			Macrae's clover	DM	N	X	X
<i>Trifolium microcephalum</i> Pursh			small-headed clover	DM	N	X	X
<i>Trifolium microdon</i> Hook. & Arn.			thimble clover	DM	N	X	X
<i>Trifolium pratense</i> L.			red clover	AW	E	X	
<i>Trifolium repens</i> L.			white clover	AW, SW	E, I	X	
<i>Trifolium subterraneum</i> L.			subterranean clover	SW, AW	E, I	X	
<i>Trifolium wormskioldii</i> Lehm.			coast clover	SW, AW, FM	N	X	X

Plants of Humboldt Bay Dunes and Wetlands.								Occurs Lanphere/Ma-le'i
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat		Status (codes at end)	Occurs on HBNWR	
<i>Vicia benghalensis</i> L.			purple vetch	DM, DS, BM	E, I	X		
<i>Vicia gigantea</i> Hook.		<i>Vicia nigricans</i> Hook. & Arn. ssp. <i>gigantea</i> (Hook.) Lassetter & C.R. Gunn.	giant vetch	FS, RF	N	X	X	
<i>Vicia sativa</i> L. ssp. <i>sativa</i>			spring vetch	FM, RF	E			
<i>Vicia sativa</i> L. ssp. <i>nigra</i> (L.)	<i>Vicia sativa</i> L. ssp. <i>nigra</i> (L.) Erhart		common vetch	AW, DM	E	X	X	
<i>Vicia villosa</i> Roth ssp. <i>villosa</i>	<i>Vicia hirsuta</i> (L.) S.F. Gray		hairy vetch	CDF, DM, RF	E, I	X	X	
<b>Garryaceae</b>								
<i>Garrya elliptica</i> Lindley			coast silk tassel	CDF	N	X	X	
<b>Gentianaceae</b>								
<i>Zeltnera davyi</i> (Jepson) G. Mans.	<i>Centaurium davyi</i> (Jepson) Abrams		Davy's centaury	BM	N			
<i>Zeltnera muehlenbergii</i> (Griseb.) G. Mans.	<i>Centaurium muehlenbergii</i> (Griseb.)		Muhlenberg's centaury	FM, SW	N	X	X	
<b>Geraniaceae</b>								
<i>Erodium botrys</i> (Cav.) Bertol.			long-beaked filaree	DS, DM	E			
<i>Erodium cicutarium</i> (L.) L'Hér.			red-stemmed filaree	AW, DM	E			
<i>Geranium dissectum</i> L.			cutleaf geranium	AW	E	X		
<i>Geranium molle</i> L.			dove's-foot geranium	AW, DM, DS	E			
<i>Geranium robertianum</i> L.			Robert's geranium	RF, FS	E, I			
<b>Grossulariaceae</b>								
<i>Ribes divaricatum</i> Douglas var. <i>pubiflorum</i> Koehne			spreading gooseberry	CDF	N	X	X	
<i>Ribes laxiflorum</i> Pursh			trailing black currant	CDF	N	X	X	
<i>Ribes sanguineum</i> Pursh var. <i>glutinosum</i> (Benth) Loudon	<i>Ribes sanguineum</i> Pursh var. <i>glutinosum</i> (Benth)		pink-flowering currant	CDF, FS, RF	N	X	X	

						Occurs Lanphere/Ma-le <sup>1</sup>
						Status (codes at end)
						Occurs on HBNWR
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat		
<b>Hypericaceae</b>	<b>Guttiferae</b>					
<i>Hypericum anagalloides</i> Cham. & Schdl.			tinker's penny	AW, FM	N	
<i>Hypericum perforatum</i> L.			common St. Johnswort	DM, DS, BM	E, I	
<b>Hippuridaceae</b>						
<i>Hippuris vulgaris</i> L.			common mares-tail	FM	N	
<b>Hydrocharitaceae</b>						
<i>Egeria densa</i> Planchon			Brazilian elodea	OW	E, I	
<b>Iridaceae</b>						
<i>Crocosmia ×crocosmiiflora</i> (Lemoine) N.E. Br.	<i>Crocosmia xcrocosmiiflora</i> (Burb. & Dean) N.E. Br.		monbretia	DM, DS, FM	E, I	
<i>Iris douglasiana</i> Herbert			Douglas Iris	CDF, FM	N	
<i>Iris germanica</i> L. var. <i>florentina</i> (L.) Dykes			orris-root	DS	E	
<i>Iris pseudacorus</i> L.			water iris	FM	E	
<i>Sisyrinchium bellum</i> S. Watson			blue-eyed grass	FM	N	
<i>Sisyrinchium californicum</i> (Ker Gawler) Dryander			California golden-eyed grass	SW, FM	N	X X
<b>Juncaceae</b>						
<i>Juncus ambiguus</i> Guss.			saline toad rush	BM, SM,	N	
<i>Juncus articulatus</i> L.			joinleaf rush	FM	N	
<i>Juncus balticus</i> Willd.		<i>Juncus arcticus</i> Willd. ssp. <i>littoralis</i> (Engelm.) Hultén	Baltic rush	SM, BM	N	
<i>Juncus bolanderi</i> Engelm.			Bolander's rush	AW, FM	N	X
<i>Juncus breweri</i> Engelm.			Brewer's rush	SW, DM	N	X X
<i>Juncus bufonius</i> L. var. <i>bufonius</i>			toad rush	SW, AW, FM	N	X X

						Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat				
<i>Juncus bufonius</i> L. var. <i>occidentalis</i> F.J. Herm			western toad rush	DM, SW	N	X	X	
<i>Juncus effusus</i> L. ssp. <i>pacificus</i> (Fern. & Wieg.) Piper & Beattie	<i>Juncus effusus</i> L. var. <i>pacificus</i> Fern. & Wieg.		Pacific Bog Rush	AW	N	X		
<i>Juncus ensifolius</i> Wikstrom			three-stamened rush	AW, FM	N			
<i>Juncus falcatus</i> E. Meyer ssp. <i>falcatus</i>	<i>Juncus falcatus</i> E. Meyer var. <i>falcatus</i>		sickle-leafed rush	SW	N	X	X	
<i>Juncus gerardii</i> Loisel.			salt-meadow rush	SM	E			
<i>Juncus hesperius</i> (Piper) Lint	<i>Juncus effusus</i> L. var. <i>brunneus</i> Engelm.		bog rush	AW, FM	N	X		
<i>Luzula comosa</i> E. Meyer			common wood-rush	CDF, DM, DS	N	X	X	
<i>Luzula subcongesta</i> (S. Watson) Jepson			Donner wood rush	CDF, DM	N	X	X	
<b>Juncaginaceae</b>								
<i>Triglochin concinna</i> Burtt Davy var. <i>concinna</i>	<i>Triglochin concinna</i> var. <i>concinna</i> Burtt Davy	<i>Triglochin maritima</i> L.	arrow-grass	SM	N	X	X	
<i>Triglochin maritima</i> L.			seaside arrow-grass	BM, SM	N	X	X	
<i>Triglochin striata</i> Ruiz Lopez & Pavon			three-ribbed arrow-grass	BM, FM	N	X		
<b>Lamiaceae</b>								
<i>Clinopodium douglasii</i> (Benth.) Kuntze	<i>Satureja douglasii</i> (Benth.) Briq.		yerba buena	CDF	N	X	X	
<i>Lamium purpureum</i> L.			purple dead-nettle	FM, DM, DS	E	X	X	
<i>Mentha pulegium</i> L.			pennyroyal	SW, AW, FM	E, I	X	X	
<i>Prunella vulgaris</i> L. var. <i>vulgaris</i>	<i>Prunella vulgaris</i> L. ssp. <i>vulgaris</i>		self-heal	AW	E			

					Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<b>Plants of Humboldt Bay</b> <b>Dunes and Wetlands.</b> Compiled by Gordon Leppig <sup>1</sup> and Andrea Pickart <sup>2</sup> . 6/2019							
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<i>Stachys ajugoides</i> Benth.	<i>Stachys ajugoides</i> Benth. var. <i>rigida</i> Jepson & Hoover	<i>Stachys rigida</i> Nutt. ex Benth. var. <i>rigida</i>	rigid hedge-nettle	FM, BM, RF, SW, AW	N	X	
<i>Stachys chamissonis</i> Benth.			coast hedge-nettle	RF, FS	N	X	X
Laxmanniaceae	Agavaceae						
<i>Cordyline australis</i> (G. Forst.) Endl.	<i>Cordyline australis</i> Hook. F.		cabbage tree	FM, BM	E		
Liliaceae							
<i>Fritillaria affinis</i> (Schultes) Sealy	<i>Fritillaria affinis</i> (Schultes) Sealy var. <i>affinis</i>		checker lily	CDF	N	X	X
<i>Muscari botryoides</i> (L.) Miller			common grape hyacinth	CDF	E		
Linaceae							
<i>Linum bienne</i> Miller			narrow-leaved flax	DM, FM, BM	E		
Lythraceae							
<i>Lythrum hyssopifolium</i> L.			hyssop loosestrife	SW, AW, FM	E, I	X	X
Malvaceae							
<i>Malva neglecta</i> Wallr.			common mallow	AW	E	X	
Montiaceae	Portulacaceae						
<i>Calandrinia menziesii</i> (Hook.) Torr. & A. Gray			red-maids	DM, DS, SW	N	X	X
<i>Claytonia exigua</i> Torrey & A. Gray ssp. <i>exigua</i>			little spring beauty	DM, DS	N	X	X
<i>Claytonia perfoliata</i> Willd. ssp. <i>perfoliata</i>			miner's lettuce	DM, DS, RF	N	X	X
<i>Claytonia rubra</i> (Howell) Tidestrom ssp. <i>depressa</i> (A. Gray) John M. Miller & Chambers			red-stemmed spring beauty	DM	N	X	
Myrtaceae							

						Occurs Lanphere/Ma-le' Status (codes at end)	Compiling Author
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<i>Eucalyptus globulus</i> Labill.			blue gum	RF, AW, CDF	E	X	
<b>Myricaceae</b>							
<i>Morella californica</i> (Cham.) Wilbur	<i>Myrica californica</i> Cham.	<i>Morella californica</i> (Cham.) Wilbur	wax myrtle	CDF, RF, FS, SW	N	X	X
<b>Nyctaginaceae</b>							
<i>Abronia latifolia</i> Eschsch			yellow sand verbena	DM	N	X	X
<i>Abronia umbellata</i> Lam. var. <i>breviflora</i> (Standl.) L.A. Galloway	<i>Abronia umbellata</i> Lam. ssp. <i>breviflora</i> (Standley) Munz		pink sand verbena	DM	N, C	X	X
<b>Nymphaeaceae</b>							
<i>Nuphar polysepala</i> Engelm.	<i>Nuphar luteum</i> (L.) Sibth. & Sm. ssp. <i>polysepalum</i> (Engelm.) E. Beal		yellow pond-lily	FM	N	X	
<b>Onagraceae</b>							
<i>Camissoniopsis cheiranthifolia</i> (Spreng.) W.L. Wagner & Hoch	<i>Camissonia cheiranthifolia</i> (Sprengel) Raim ssp. <i>cheiranthifolia</i>		beach-primrose	DM	N	X	X
<i>Camissonia strigulosa</i> (Fischer & C. Meyer) Raven			contorted primrose	CDF, DM	N	X	X
<i>Chamerion angustifolium</i> (L.) Holub ssp. <i>circumvagum</i> (Mosquin) Hoch	<i>Epilobium angustifolium</i> L. ssp. <i>circumvagum</i> Mosq.	<i>Chamerion angustifolium</i> (L.) Holub ssp. <i>circumvagum</i> (Mosquin) Hoch	fireweed	FM, RF	N	X	X
<i>Clarkia davyi</i> (Jesp) Harlan Lewis & M. Lewis			Davy's clarkia	DM, DS	N	X	X
<i>Clarkia purpurea</i> (Curtis) Nelson & J.F. Macbr ssp. <i>quadrigulvnera</i> (Douglas) Harlan Lewis & M. Lewis.			purple clarkia	SW	N	X	X
<i>Epilobium ciliatum</i> Raf. ssp. <i>watsonii</i> (Barbey) P. Hoch & Raven			Watson's willowherb	SW, FM, BM, AW	N	X	X
<i>Fuchsia magellanica</i> Lam.			hardy fuchsia	FS	E		

Plants of Humboldt Bay							Occurs on HBNWR	Occurs Lanphere/Ma-le'l
Dunes and Wetlands.								
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)			
<i>Oenothera glazioviana</i> Micheli			red-sepaled evening-primrose	DM, DS, FM	E, I			
<b>Ophioglossaceae</b>								
<i>Sceptridium multifidum</i> (S.G. Gmel.) Tagawa	<i>Botrychium multifidum</i> (S. Gmelin) Rupr.		common grapefern	FM, FS, SW	N	X	X	
<b>Orchidaceae</b>								
<i>Calypso bulbosa</i> (L.) Oakes			fairy slipper	CDF	N	X	X	
<i>Corallorrhiza maculata</i> Raf.			summer coral root	CDF	N	X	X	
<i>Goodyera oblongifolia</i> Raf.			rattlesnake plantain	CDF	N	X	X	
<i>Listera cordata</i> (L.) R. Br.	<i>Listera cordata</i> (L.)		heart-leaved twayblade	CDF	N	X	X	
<i>Piperia elegans</i> (Lindley) Rydb.			coast piperia	SW, CDF	N	X	X	
<i>Piperia transversa</i> Suksd.			rein orchid	CDF	N	X	X	
<i>Spiranthes romanzoffiana</i> Cham.			hooded ladies-tresses	SW, CDF	N	X	X	
<b>Orobanchaceae</b>		<b>Scrophulariaceae</b>						
<i>Bellardia trixago</i> (L.) All.			Mediterranean lineseed	FM, DM	E, I			
<i>Castilleja ambigua</i> Hook & Arn.ssp. <i>humboldtiensis</i> (Keck) Chuang & Heckard			Humboldt Bay owl's-clover	SM	N, C	X	X	
<i>Castilleja attenuata</i> (A. Gray) Chuang & Heckard			narrow-leaved owl's-clover	DM	N	X	X	
<i>Castilleja exserta</i> (A.A. Heller) Chuang & Heckard ssp. <i>latifolia</i> (S. Watson) Chuang & Heckard	<i>Castilleja exserta</i> (A.A. Heller) Chuang & Heckard ssp. <i>latifolia</i> (S. Watson)		purple owl's clover	DM	N	X	X	
<i>Parentucellia viscosa</i> (L.) Caruel			yellow glandweed	SW, FM, AW	E, I	X	X	
<i>Triphysaria eriantha</i> (Benth.) Chuang & Heckard ssp. <i>eriantha</i>			butter 'n' eggs	DM	N			



Plants of Humboldt Bay Dunes and Wetlands.							
Compiled by Gordon Leppig <sup>1</sup> and Andrea Pickart <sup>2</sup> . 6/2019							
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Pittosporum tenuifolium</i> Gaertner			short-leaf box	CDF	E, I	X	X
<b>Plantaginaceae</b>							
<i>Digitalis purpurea</i> L.	formerly in Scrophulariaceae		fox glove	FM, DS	E, I		
<i>Plantago coronopus</i> L.			cut-leaf plantain	DM, SW	E		
<i>Plantago erecta</i> E. Morris			California plantain	DM, SW, DS	N	X	X
<i>Plantago lanceolata</i> L.			narrow-leaved plantain	CDF, DM, AW	E	X	X
<i>Plantago major</i> L.			common plantain	SW, AW, FM	E	X	
<i>Plantago maritima</i> L.			salt marsh plantain	SM	N	X	X
<i>Plantago subnuda</i> Pilger			tall coastal plantain	AW, SW, FM	N		
<i>Veronica americana</i> (Raf.) Schwein.	formerly in Scrophulariaceae		American speedwell	FM	N		
<i>Veronica persica</i> Poiret	formerly in Scrophulariaceae		bird's-eye speedwell	AW	E	X	X
<b>Plumbaginaceae</b>							
<i>Armeria maritima</i> (Miller) Willd. ssp. <i>californica</i> (Boiss.)			California sea-pink	DM, DS	N	X	X
<i>Limonium californicum</i> (Boiss.) A.A. Heller			western marsh- rosemary	SM	N	X	X
<b>Poaceae</b>							
<i>Agrostis exarata</i> Trin.			spike bentgrass	AW, BM	N	X	
<i>Agrostis hallii</i> Vasey			Hall's bentgrass	CDF	N	X	X
<i>Agrostis microphylla</i> Steudel			little-leaf bentgrass	SW	N	X	X
<i>Agrostis stolonifera</i> L.			creeping bentgrass	BM, AW, FM	E, I	X	X
<i>Aira praecox</i> L.			yellow hairgrass	DM, DS, SW	E, I	X	X

Plants of Humboldt Bay Dunes and Wetlands.						Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat				
<i>Aira caryophyllea</i> L.			silver hairgrass	DM, DS, SW	E, I	X	X	
<i>Alopecurus aequalis</i> Sobol.			short-awn foxtail	FM	N	X		
<i>Alopecurus geniculatus</i> L.			water foxtail	FM, AW	N	X		
<i>Alopecurus pratensis</i> L.			meadow foxtail	AW	E			
<i>Ammophila arenaria</i> (L.) Link			European beach grass	DM, DS	E, I	X	X	
<i>Anthoxanthum occidentale</i> (Buckley) Veldkamp	<i>Hierochloe occidentalis</i> Buckley		western sweetgrass	CDF	N	X		
<i>Anthoxanthum odoratum</i> L.			sweet vernal grass	DM, DS, SW, AW, FS, CDF	E, I	X	X	
<i>Avena fatua</i> L.			wild oats	AW, DM	E			
<i>Avena sativa</i> L.			common oats	AW	E	X		
<i>Briza maxima</i> L.			big quaking grass	DM, DS, SW	E, I	X	X	
<i>Briza minor</i> L.			little quaking grass	SW, FM	E	X	X	
<i>Bromus carinatus</i> Hook & Arn. var. <i>carinatus</i>		<i>Bromus carinatus</i> Hook & Arn.	mountain brome	DM	N	X	X	
<i>Bromus diandrus</i> Roth			ripgut brome	DM, DS, SW	E, I	X	X	
<i>Bromus hordeaceus</i> L.			soft chess	DM, BM , SW	E, I	X	X	
<i>Bromus maritimus</i> (Piper) Hitchc.	<i>Bromus carinatus</i> Hook & Arn. var. <i>maritimus</i>		California brome	DM, DS	N	X	X	
<i>Calamagrostis nutkaensis</i> (J. Presl) Steudel	<i>Calamagrostis nutkaensis</i> (C. Presl) Steudel		reedgrass	CDF, BM	N	X	X	
<i>Cortaderia jubata</i> (Lemoine) Stapf			jubata grass	DM, SW, CDF, RF	E, I	X	X	
<i>Cortaderia selloana</i> (Schultes) Asch & Graebner			pampas grass	DM	E, I			

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Cynodon dactylon</i> (L.) Pers.			bermuda grass	DM, DS, AW	E, I		
<i>Cynosurus echinatus</i> L.			dogtail grass	DM, DS, CDF	E, I	X	X
<i>Dactylis glomerata</i> L.			orchard-grass	CDF, AW	E, I	X	X
<i>Deschampsia cespitosa</i> (L.) Beauv. ssp. <i>holciformis</i> (C. Presel) W.E. Lawrx		<i>Deschampsia holciformis</i> J. Presl	coastal tufted hair-grass	BM,SM	N	X	X
<i>Distichlis spicata</i> (L.) E. Greene			saltgrass	SM, BM, SW, AW	N	X	X
<i>Echinochloa crus-galli</i> (L.) P. Beauv.			barnyard grass	FM	E, I	X	
<i>Elymus glaucus</i> Buckley ssp. <i>glaucus</i> (Burtt Davy) Gould	<i>Elymus glaucus</i> Buckley ssp. <i>jepsonii</i> (Burtt Davy) Gould		Jepson's blue wildrye	CDF, AW	N		
<i>Elymus mollis</i> Trin. ssp. <i>mollis</i>	<i>Leymus mollis</i> (Trin.) Pilger ssp. <i>mollis</i>		dune wild-rye	DM	N	X	X
<i>Elymus xvancouverensis</i> Vasey	<i>Leymus xvancouverensis</i> (Vasey) Pilger		Vancouver wild-rye	AW, DM, BM	N	X	X
<i>Festuca arundinacea</i> Schreber		<i>Schedonorus phoenix</i> (Scop.) Holub, <i>Schedonorus arundinaceus</i> (Schreb.) Dunmort., nom. cons.	tall fescue	FM, BM, AW	E, I	X	
<i>Festuca bromoides</i> L.	<i>Vulpia bromoides</i> (L.) S.F. Gray		brome fescue	DM, DS	E, I	X	X
<i>Festuca myuros</i> L.	<i>Vulpia myuros</i> (L.) C. Gmelin		six-weeks fescue	CDF, R	E	X	
<i>Festuca occidentalis</i> Hook.			western fescue	CDF	N	X	X
<i>Festuca perennis</i> (L.) Columbus & J.P. Sm.	<i>Lolium multiflorum</i> & <i>L. perennis</i>	<i>Lolium perenne</i> L. ssp. <i>multiflorum</i> (Lam.) Husnot	Italian rye-grass	AW, RF	E, I	X	X
<i>Festuca rubra</i> L.			red fescue	DM, CDF	N	X	X

FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat	Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
<i>Glyceria elata</i> (Nash) A. Hitchc.		<i>Glyceria striata</i> (Lam.) Hitchc.	tall mannagrass	FM	N	X	
<i>Glyceria occidentalis</i> (Piper) J.C. Nelson	<i>Glyceria occidentalis</i> (Piper) J.C. Nelson		western mannagrass	FM, RF	N	X	X
<i>Holcus lanatus</i> L.			common velvetgrass	AW, SW, FM, CDF	E, I	X	X
<i>Hordeum brachyantherum</i> Nevski ssp. <i>brachyantherum</i>			meadow barley	BM	N	X	
<i>Hordeum jubatum</i> L.			foxtail barley	BM, SM	N	X	X
<i>Hordeum marinum</i> Hudson ssp. <i>gussoneanum</i> (Parl.) Thell.			Mediterranean barley	AW, SM	E		
<i>Hordeum murinum</i> L. ssp. <i>glaucum</i> (Stuedel) Tzvelev			smooth barley	DM	E		
<i>Hordeum murinum</i> L. ssp. <i>murinum</i>			wall barley	DM, DS	E		
<i>Parapholis incurva</i> (L.) C.E. Hubb.			curved sicklegrass	SM	E	X	X
<i>Parapholis strigosa</i> (Dumont) C.E. Hubb.			hairy sickle grass	SM	E, I	X	X
<i>Phalaris aquatica</i> L.			Harding grass	FM, AW	E, I	X	
<i>Phalaris arundinacea</i> L.			reed canarygrass	FM, AW, RF, FS	E, I	X	
<i>Phragmites australis</i> (Cav.) Steudel			common reed	BM, SM	E, I		
<i>Pleuropogon californicus</i> (Nees) Vasey			semaphore grass	AW	N		
<i>Poa annua</i> L.			annual blue grass	CDF, DM, DS, AW	E	X	X
<i>Poa confinis</i> Vasey			coastline bluegrass	DM	N	X	X
<i>Poa macrantha</i> Vasey			large-flowered sand-dune blue grass	DM	N	X	X
<i>Poa pratensis</i> L. ssp. <i>pratensis</i>			Kentucky blue grass	CDF	E	X	
<i>Polypogon interruptus</i> Kunth			ditch beard grass	AW, FM	E	X	

Plants of Humboldt Bay Dunes and Wetlands.							Occurs Lanphere/Ma-le' Status (codes at end)
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat		Occurs on HBNWR	
<i>Polypogon maritimus</i> Willd.			Mediterranean beard grass	SW, FM	E, I	X	
<i>Polypogon monspeliensis</i> (L.) Desf.			rabbitsfoot grass	SW, FM	E, I	X	X
<i>Polypogon viridis</i> (Gouan) Breistr.	<i>Agrostis viridis</i> Gouan		green bentgrass	AW, BM	E	X	
<i>Puccinellia nutkaensis</i> (J.S. Presl.) Fern. & Weath.			Alaska alkali grass	SM	N	X	X
<i>Spartina densiflora</i> Brongn.			dense-flowered cordgrass	SM, BM	E, I	X	X
<i>Torreyochloa pallida</i> (J.S. Presl) Church var. <i>pauciflora</i> (J.S. Presl) J.I. Davis			weak managrass	FM	N		
<i>Trisetum canescens</i> Buckley			nodding oatgrass	CDF	N	X	X
<i>Zea mays</i> L.			corn	AW	E		
<b>Polemoniaceae</b>							
<i>Gilia millefoliata</i> Fischer & C. Meyer			dark-eyed gilia	DM	N, C	X	X
<i>Navarretia squarrosa</i> (Eschsch.) Hook. & Arn.			skunkweed	DM, AW	N		
<b>Polygonaceae</b>							
<i>Eriogonum latifolium</i> Smith			coast buckwheat	DM	N	X	X
<i>Fallopia japonica</i> (Houtt.) Ronse Decr.	<i>Polygonum cuspidatum</i> Sieb. & Zucc.	<i>Fallopia japonica</i> (Houttuyn) Ronse Decraene	Japanese knotweed	DM	E, I		
<i>Polygonum aviculare</i> L. ssp. <i>depressum</i> (Meisn.) Arcangeli	<i>Polygonum arenastrum</i> Boreau	<i>Polygonum aviculare</i> Linnaeus ssp. <i>depressum</i> (Meisner) Arcangeli	common knotweed	AW	E		
<i>Persicaria hydropiperoides</i> (Michx.) Small	<i>Polygonum hydropiperoides</i> Michaux	<i>Persicaria hydropiperoides</i> (Michaux) Small	water pepper	FM	N	X	



							Occurs Lanphere/Ma-le'i
						Status (codes at end)	Occurs on HBNWR
<b>Plants of Humboldt Bay</b>							
<b>Dunes and Wetlands.</b>							
Compiled by Gordon Leppig <sup>1</sup> and Andrea Pickart <sup>2</sup> . 6/2019							
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<i>Lysimachia arvensis</i> (L.) U. Manns & Anderb.	<i>Anagallis arvensis</i> L.		scarlet pimpernel	FM, DM, BM, SW	E		
<i>Lysimachia maritima</i> (L.) Galasso, Banfi, & Soldano	<i>Glaux maritima</i> L.		sea milk-wort	BM, SM	N X	X	
<b>Pteridaceae</b>							
<i>Pentagramma triangularis</i> (Kaulf.) G. Yatskievych, Windham & Wollenweber ssp. <i>triangularis</i>	<i>Pentagramma triangularis</i> (Kaulf.) G. Yatskievych, M.D. Windham & E. Wollenweber ssp. <i>triangularis</i>		gold-back fern	CDF, DM	N X	X	
<b>Ranunculaceae</b>							
<i>Ranunculus californicus</i> Benth.			California buttercup	SW			
<i>Ranunculus muricatus</i> L.			spiny buttercup	AW	E		
<i>Ranunculus repens</i> L.			creeping buttercup	FM, RF, AW	E X	X	
<b>Rhamnaceae</b>							
<i>Frangula purshiana</i> (DC.) Cooper	<i>Rhamnus purshiana</i> DC.	<i>Frangula purshiana</i> (DC.) Cooper	cascara	CDF	N X	X	
<b>Rosaceae</b>							
<i>Aphanes occidentalis</i> (Nutt.) Rydb.		<i>Aphanes arvensis</i> L.	lady's mantle	DM, SW	N		
<i>Crataegus monogyna</i> Jacq.			hawthorn	AW	E, I		
<i>Cotoneaster franchetii</i> Boiss.			Francheti cotoneaster	CDF	E, I X	X	
<i>Fragaria chiloensis</i> (L.) Duchesne			beach strawberry	DM, CDF	N X	X	
<i>Holodiscus discolor</i> (Pursh.) Maxim.			oceanspray	FS	N X		
<i>Malus fusca</i> (Raf.) C. Schneider			Oregon crabapple	RF, CDF	N X	X	
<i>Malus pumila</i> Mill.	<i>Malus sylvestris</i> Miller	Malus pumila Mill.	common apple	CDF, FS	E X	X	
<i>Oemleria cerasiformis</i> (Hook. & Arn.) J.W. Landon			oso berry	RF	N X		



					Status (codes at end)	Occurs on HBNWR	Occurs Lanphere/Ma-le'l
Plants of Humboldt Bay Dunes and Wetlands.		Compiled by Gordon Leppig <sup>1</sup> and Andrea Pickart <sup>2</sup> . 6/2019					
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<i>Populus trichocarpa</i> Hook.	<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torry & A. Gray) Brayshaw		black cottonwood	FS, RF	N		
<i>Salix alba</i> L.			white willow	FS	E, I		
<i>Salix hookeriana</i> Hook.			Hoooker willow	SW, FS, DS	N X	X	
<i>Salix lasiandra</i> Benth. var. <i>lasiandra</i>	<i>Salix lucida</i> Muhlenb. ssp. <i>lasiandra</i> (Benth.) E. Murray		yellow willow	FS, RF	N X		
<i>Salix sitchensis</i> Bong.			Coulter Willow	FS	N		
Sapindaceae	Aceraceae	Aceraceae					
<i>Acer macrophyllum</i> Pursh			big leaf maple	FS	N X		
Saxifragaceae							
<i>Tellima grandiflora</i> (Pursh) Lindley			fringe cups	RF	N X	X	
<i>Tolmiea menziesii</i> (Pursh) Torrey & A. Gray			pig-a-back plant	RF	N		
Scrophulariaceae							
<i>Nuttallanthus canadensis</i> (L.) D.A. Sutton	<i>Linaria canadensis</i> (L.) Dum.-Cours.	<i>Nuttallanthus canadensis</i> (L.) D.A. Sutton	blue toad-flax	DM	E X	X	
<i>Scrophularia californica</i> Cham. & Schldl.			California figwort	DS, SW, CDF	N X	X	
Solanaceae							
<i>Solanum americanum</i> Miller			white nightshade	FM, CDF	N X	X	
<i>Solanum aviculare</i> Forst. F.		<i>Solanum laciniatum</i> G. Forst.	New Zealand nightshade	CDF	E, I X	X	
<i>Solanum douglasii</i> Dunal			greenspot nightshade	FS	N		
<i>Solanum nigrum</i> L.			black nightshade	CDF, AW, FM	E, I X	X	
Taxodiaceae	Cupressaceae						
<i>Sequoia sempervirens</i> (D. Don) Endl.			coastal redwood	AW, RF	N		

							Occurs Lanphere/Ma-le <sup>1</sup>
				Status (codes at end)		Occurs on HBNWR	
FAMILY/SPECIES	Jepson 1993	USDA Plants	Common Name	Habitat			
<b>Themidaceae</b>	<b>Liliaceae</b>						
<i>Brodiaea coronaria</i> (Salisb.) Engl.			early harvest brodiaea	DM, CDF	N	X	X
<i>Brodiaea terrestris</i> Kellogg			dwarf brodiaea	CDF	N	X	X
<i>Dichelostemma capitatum</i> Alph. Wood	<i>Dichelostemma capitatum</i> (Benth.) A.W. Wood		blue dicks	DM , CDF	N	X	X
<i>Dichelostemma congestum</i> (Sm.) Kunth			fork-toothed ookow	CDF	N	X	X
<i>Triteleia hyacinthina</i> (Lindley) E. Greene			white brodiaea	DM, CDF	N	X	X
<b>Typhaceae</b>							
<i>Sparganium eurycarpum</i> A. Gray var. <i>eurycarpum</i>	<i>Sparganium eurycarpum</i> Engelm. ssp. <i>eurycarpum</i>	Sparganium eurycarpum Engelm.	bur-reed	BM	N	X	X
<i>Typha latifolia</i> L.			cattail	SW, BM, FM	N	X	X
<b>Urticaceae</b>							
<i>Urtica dioica</i> L. ssp. <i>gracilis</i> (Aiton) Selander			stinging nettle	RF, AW, FM	N		
<b>Valerianaceae</b>							
<i>Plectritis congesta</i> (Lindley) A. DC.			sea blush	DM, SW, DS	N	X	
<i>Plectritis congesta</i> (Lindl.) DC. ssp. <i>brachystemon</i> (Fisch. & C.A. Mey) Morey	<i>Plectritis brachystemon</i> Fischer & C. Meyer	<i>Plectritis congesta</i> (Lindl.) DC. ssp. <i>brachystemon</i> (Fisch. & C.A. Mey.) Morey	short-spur sea blush	AW	N		
<b>Woodsiaceae</b>	<b>Polypodiaceae</b>						
<i>Athyrium filix-femina</i> (L.) Roth var. <i>cyclosorum</i> Rupr.			lady fern	CDF, FS	N	X	X
<b>Zosteraceae</b>							

