

MALASPINA NATURALISTS - FLORA LIST							
LOCATIONS							
			Pojar	Appleton	Confed.	Copeland	Cranberry
			Page	Canyon	Lake	Islands	Lake
						Oct 1999	
TREES							
Western hemlock		<i>Tsuga heterophylla</i>	30		x		
Douglas fir		<i>Pseudotsuga menziesii</i>	32		x		
Grand fir		<i>Abies grandis</i>	34				
Subalpine fir (balsam fir)		<i>Abies lasiocarpa</i>	35		x		
Sitka spruce		<i>Picea sitchensis</i>	37				
Shore pine		<i>Pinus contorta</i>	38				
Western white pine		<i>Pinus monticola</i>	39				
Western Yew		<i>Taxus brevifolia</i>	40	x	x	x	
Red cedar		<i>Thuja plicata</i>	42				
Yellow cedar		<i>Chamaecyparis nootkatensis</i>	43		x		
Red alder		<i>Alnus rubra</i>	44				
Bigleaf maple		<i>Acer macrophyllum</i>	45				
Black cottonwood		<i>Populus balsamifera</i> ssp.	46				
Bitter cherry		<i>Prunus emarginata</i>	48				
Pacific crab apple		<i>Malus fusca</i>	48	x			
Arbutus		<i>Arbutus menziesii</i>	49				
Garry oak		<i>Quercus garryana</i>	50				
Western flowering dogwood		<i>Cornus nuttallii</i>	51		x	x	
SHRUBS							
Salal		<i>Gaultheria shallon</i>	53				
Red huckleberry		<i>Vaccinium parvifolium</i>	57				
Evergreen huckleberry		<i>Vaccinium ovatum</i>	59				
False azalea		<i>Mensiesia ferruginea</i>	60				
Crowberry		<i>Empetrum nigrum</i>	64				
Twinflower		<i>Linnaea borealis</i>	68				
Black twinberry		<i>Lonicera involucrata</i>	69	x	x		
Labrador tea		<i>Ledum groenlandicum</i>	66	x	x		
Hairy manzanita		<i>Arctostaphylos columbiana</i>	67			x	
Kinnikinnick		<i>Arctostaphylos uva-ursi</i>	67			x	
Hairy honeysuckle		<i>Lonicera hispidula</i>	69				

MALASPINA NATURALISTS - FLORA LIST				LOCATIONS				
			Pojar Page	Appleton Canyon	Confed. Lake	Copeland Islands Oct 1999	Cranberry Lake	Dinner Rock
Red elderberry		<i>Sambucus racemosa</i>	70					
Common snowberry		<i>Symphoricarpos albus</i>	70					
Oceanspray		<i>Holodiscus discolor</i>	71			x		
Mountain ash		<i>Sorbus sitchensis</i>	71					
Saskatoon		<i>Amelanchier alnifolia</i>	72			x		
Pacific nine-bark		<i>Physocarpus capitatus</i>	73					
Baldhip rose		<i>Rosa gymnocarpa</i>	74					
Nootka rose		<i>Rosa nutkana</i>	74					
Thimbleberry		<i>Rubus parviflorus</i>	77					
Salmonberry		<i>Rubus spectabilis</i>	76					
Himalayan blackberry		<i>Rubus discolor</i>	78					
Trailing blackberry		<i>Rubus ursinus</i>	78					
Evergreen blackberry		<i>Rubus laciniatus</i>	78					
Hardhack		<i>Spiraea douglasii</i>	81					
Sweet gale		<i>Myrica gale</i>	81					
Red-flowering currant		<i>Ribes sanguineum</i>	84					
Black gooseberry		<i>Ribes lacustre</i>	85					
Sitka willow		<i>Salix sitchensis</i>	89					
Red-osier dogwood		<i>Cornus stolonifera</i>	90					
Cascara	Cascara Sagrada	<i>Rhamnus purshiana</i>	90					
Common Juniper		<i>Juniperus communis</i>	94			x		
Oregon grape		<i>Mahonia nervosa</i>	95					
Mock-orange		<i>Philadelphus lewisii</i>	96					
WILDFLOWERS								
Lily family			99					
	False Solomon's seal	<i>Smilacina racemosa</i>	100					
	Clasping twisted stalk	<i>Streptopus amplexifolius</i>	101					
	False lily of the valley	<i>Maianthemum dilatatum</i>	100					
	Queen's cup	<i>Clintonia uniflora</i>	104		x			
	White fawn lily	<i>Erythronium oregonum</i>	104					

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			Pojar	Appleton	Confed.	Copeland	Cranberry	Dinner
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						Oct 1999		
	Nodding onion	Allium cernuum	106			x		
	Harvest brodiaea	Brodiaea coronaria	107					
	Fool's onion	Brodiaea hyacinthina	107					
	Meadow death camas	Zygadenus venenosus	109					
	Tiger lily	Lilium columbianum	111		x			
	Iris family		114					
	Orchid family		117					
	Western coralroot	Corallorhiza maculata ssp.	119		x			
	Spotted coralroot	Corallorhiza maculata ssp.	119	x	x			
	Striped coralroot	Corallorhiza striata	119		x			
	Rattlesnake-plantain	Goodyera oblongifolia	120		x			
	Twayblades	Listera sp	121		x			
	White bog-orchid	Platanthera dilatata	122		x			
	Alaska rein-orchid	Platanthera unalascensis	123			x		
	Ladies tresses	Spiranthes romanzoffiana	123			x		
	Buckwheat family		124					
	Purslane family		131					
	Siberian miner's lettuce	Claytonia sibirica	133					
	Pink family		135					
	Mustard family		144					
	Stonecrop family		154					
	Stonecrop	Sedum sp.	156					
	Oregon stonecrop	Sedum oreganum	156			x		
	Cactus family		157					

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				LOCATIONS					
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				Page	Canyon	Lake	Islands	Lake	Rock
				Oct 1999					
Saxifrage family			158						
	Alaska saxifrage	Saxifraga ferruginea	163				x		
	Small-flowered alumroot	Heuchera micrantha	166				x		
	Foam Flower	Tiarella trifoliata	168			x			
Buttercup family			170						
	Western buttercup	Ranunculus occidentalis	176						
	Red columbine	Aquilegia formosa	180						
Rose family			182						
	Large leaved aven	Geum macrophyllum	185			x			
Pea family			189						
	Beach pea	Lathyrus japonicus	191						
	Common vetch	Vicia sativa	193						
Violet family			200						
	Marsh violet	Viola palustris	202						
Evening Primrose family			205						
	Fireweed	Epilobium angustifolium	206						
Carrot family			211						
	Violet Sp		203						
	Cow-parsnip	Heracleum lanatum	213						
	Indian carrot	Conioselinum pacificum	220						
	Poison helmock	Conium maculatum	220						
Wintergreen family			223						
	Single delight	Moneses uniflora	224			x			

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						Oct 1999		
	Pink wintergreen	Pyrola aserifolia	224					
	White-veined wintergreen	Pyrola picta	225	x				
	Prince's Pine Pipsissewa	Chimaphila umbellata	226	x				
	Menzies Pipsissewa	Chimaphila menziesii	226					
Gentian family			227					
	Swamp gentian	Gentiana douglasiana	229		x			
Waterleaf family			230					
Phlox family			233					
	Spreading phlox	Phlox diffusa	236					
Borage family			238					
Mint family			242					
	Common dead-nettle	Lamium amplexicaule	244					
	Self-heal	Prunella vulgaris	246					
Figwort family			248					
	Common foxglove	Digitalis purpurea	251					
	Blue-eyed Mary	Collinsia parviflora	262					
	Yellow monkey-flower	Mimulus guttatus	264					
Aster family			268					
	Prickly sow thistle	Sonchus asper	275					
	Wall lettuce	Lactuca muralis	276					
	Silver burweed	Ambrosia chamissonis	278					
	Yarrow	Achillea millefolium	279			x	x	
	Oxeye daisy	Leucanthemum vulgare	281					
	Entire-leaved gumweed	Grindelia integrifolia	291					

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			Pojar	Appleton	Confed.	Copeland	Cranberry	Dinner
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						Oct 1999		
	Sweet coltsfoot	Petasites frigidus var. nivalis	294					
	Pearly everlasting	Anaphalis margaritacea	304					
	Great burdock	Arctium lappa	305					
	Canada thistle	Cirsium arvense	306					
	Edible thistle	Cirsium edule	306					
	Other families		307					
	Stinging nettle	Urtica dioica	309					
	Lamb's quarters	Chanopodium album	311					
	Vanilla-leaf	Achlys triphylla	312					
	Bleeding heart	Dicentra formosa	313					
	Herb Robert	Geranium robertianum	316					
	Dovefoot geranium	Geranium molle	316					
	Wild ginger	Asarum caudatum	317					
	Bunchberry	Cornus canadensis	320	x	x			
	Broad leaved starflower	Trientalis latifolia	322					
	Seaside plantain	Plantago maritima	328			x		
	Cleavers	Galium aparine	330					
	Sweet-scented bed straw	Galium triflorum	330					
	Common harebell	Campanula rotundifolia	332			x		
	Sea blush	Plectritis congesta	333			x		
	Skunk cabbage	Lysichiton americanum	334					
	AQUATICS		335					
	Marsh/Emergent		336					
	Buckbean	Menyanthes trifoliata	339	x				
	Submerged/Floating		340					
	Water smartweed	Polygonum amphibium	342					
	Water starwort	Callitriche heterophylla	346		x			

MALASPINA NATURALISTS - FLORA LIST			LOCATIONS					
			Pojar Page	Appleton Canyon	Confed. Lake	Copeland Islands Oct 1999	Cranberry Lake	Dinner Rock
	Watershield	<i>Brasenia schreberi</i>	348					
	Yellow pond lily	<i>Nuphas polysepauum</i>	349	x				
ODDBALLS			350					
	Round-leaved sundew	<i>Drosera rotundifolia</i>	351					
	Common butterwort	<i>Pinguicula vulgaris</i>	351					
	Indian-pipe	<i>Monotropa uniflora</i>	352					
	Pinesap	<i>Hypopitys monotropa</i>	352	x				
	Pinedrops	<i>Pterospora andromedea</i>	353					
	Candystick	<i>Allotropa virgata</i>	353	x				
	Vancouver groundcone	<i>Boschniakia hookeri</i>	354	x	x			
	Naked broomrake	<i>Orobanche uniflora</i>	355					
GRAMINOIDS								
Grass family			356					
	Dunegrass	<i>Elymus mollis</i>	364					
Sedge family			388					
	Western fescue	<i>Festuca occidentalis</i>	375					
	Slough sedge	<i>Carex obnupta</i>	400					
	American bulrush	<i>Scirpus americanus</i>	405					
Rush family			409					
FERNS & FERN ALLIES								
Fern family			417					
	Bracken	<i>Pteridium aquilinum</i>	420					
	Deer fern	<i>Blechnum spicant</i>	420					
	Western sword fern	<i>Polystichum munitum</i>	421					

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				LOCATIONS				
			Pojar	Appleton	Confed.	Copeland	Cranberry	Dinner
			Page	Canyon	Lake	Islands	Lake	Rock
						Oct 1999		
	Lady fern	Athyrium filix-femina	422					
	Spiny wood fern	Dryopteris expansa	422					
	Oak fern	Gymnocarpium dryopteris	423		x			
	Licorice fern	Polypodium glycyrrhiza	424					
	Maidenhair fern	Adiantum pedatum	425		x			
	Parsley fern	Cryptogramma crispa	426					
	Horsetail family		428					
	Horsetail sp.		430					
	Common horsetail	Equisetum arvense	430					
	Clubmoss & Spikemoss families		429					
	MOSESSES & LIVERWORTS							
	Liverworts		437					
	Peat mosses		447					
	True mosses		451					
	Leaf moss		458					
	Oregon beaked moss	Kindbergia oregana	470					
	Tree moss		474					
	Step moss	Hylocomium splendens	474					
	Common hair-cap moss	Polytricum commune	453					
	LICHENS		484					
	Lipstick cladonia	Cladonia macilenta	500		x			
	Coastal reindeer	Cladina portentosa	502			x		

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Dino's	Gallagher	Grief	Inland	Limekiln
			Page	Pond	Hill	Point	Lake	Bay.Tx
				Nov 1999			Aug 7/01	Aug.16/01
TREES								
Western hemlock		Tsuga heterophylla	30	x				
Douglas fir		Pseudotsuga menziesii	32	x				
Grand fir		Abies grandis	34					
Subalpine fir (balsam fir)		Abies lasiocarpa	35					
Sitka spruce		Picea sitchensis	37					
Shore pine		Pinus contorta	38	x				
Western white pine		Pinus monticola	39	x				
Western Yew		Taxus brevifolia	40					
Red cedar		Thuja plicata	42	x				
Yellow cedar		Chamaecyparis nootkatensis	43					
Red alder		Alnus rubra	44	x				
Bigleaf maple		Acer macrophyllum	45	x				
Black cottonwood		Populus balsamifera ssp.	46					
Bitter cherry		Prunus emarginata	48					
Pacific crab apple		Malus fusca	48					
Arbutus		Arbutus menziesii	49					
Garry oak		Quercus garryana	50					
Western flowering dogwood		Cornus nuttallii	51					
SHRUBS								
Salal		Gaultheria shallon	53	x				
Red huckleberry		Vaccinium parvifolium	57					
Evergreen huckleberry		Vaccinium ovatum	59					x
False azalea		Mensiesia ferruginea	60					
Crowberry		Empetrum nigrum	64	x				
Twinflower		Linnaea borealis	68					
Black twinberry		Lonicera involucrata	69				x	
Labrador tea		Ledum groenlandicum	66	x				
Hairy manzanita		Arctostaphylos columbiana	67					
Kinnikinnick		Arctostaphylos uva-ursi	67					
Hairy honeysuckle		Lonicera hispidula	69					x

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			Pojar	Dino's	Gallagher	Grief	Inland	Limekiln
			Page	Pond	Hill	Point	Lake	Bay.Tx
				Nov 1999			Aug 7/01	Aug.16/01
Red elderberry		<i>Sambucus racemosa</i>	70					
Common snowberry		<i>Symphoricarpos albus</i>	70					x
Oceanspray		<i>Holodiscus discolor</i>	71					
Mountain ash		<i>Sorbus sitchensis</i>	71					
Saskatoon		<i>Amelanchier alnifolia</i>	72					
Pacific nine-bark		<i>Physocarpus capitatus</i>	73				x	
Baldhip rose		<i>Rosa gymnocarpa</i>	74					x
Nootka rose		<i>Rosa nutkana</i>	74					x
Thimbleberry		<i>Rubus parviflorus</i>	77					
Salmonberry		<i>Rubus spectabilis</i>	76					
Himalayan blackberry		<i>Rubus discolor</i>	78					
Trailing blackberry		<i>Rubus ursinus</i>	78					
Evergreen blackberry		<i>Rubus laciniatus</i>	78					
Hardhack		<i>Spiraea douglasii</i>	81	x			x	
Sweet gale		<i>Myrica gale</i>	81				x	
Red-flowering currant		<i>Ribes sanguineum</i>	84					
Black gooseberry		<i>Ribes lacustre</i>	85					
Sitka willow		<i>Salix sitchensis</i>	89					
Red-osier dogwood		<i>Cornus stolonifera</i>	90				x	
Cascara	Cascara Sagrada	<i>Rhamnus purshiana</i>	90				x	
Common Juniper		<i>Juniperus communis</i>	94					x
Oregon grape		<i>Mahonia nervosa</i>	95					
Mock-orange		<i>Philadelphus lewisii</i>	96					
WILDFLOWERS								
Lily family			99					
	False Solomon's seal	<i>Smilacina racemosa</i>	100					
	Clasping twisted stalk	<i>Streptopus amplexifolius</i>	101					
	False lily of the valley	<i>Maianthemum dilatatum</i>	100					
	Queen's cup	<i>Clintonia uniflora</i>	104					
	White fawn lily	<i>Erythronium oregonum</i>	104					

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			Page	Pond	Hill	Point	Lake	Bay.Tx
				Nov 1999			Aug 7/01	Aug.16/01
	Nodding onion	Allium cernuum	106					x
	Harvest brodiaea	Brodiaea coronaria	107					
	Fool's onion	Brodiaea hyacinthina	107					
	Meadow death camas	Zygadenus venenosus	109					
	Tiger lily	Lilium columbianum	111					
	Iris family		114					
	Orchid family		117					
	Western coralroot	Corallorhiza maculata ssp.	119					
	Spotted coralroot	Corallorhiza maculata ssp.	119					
	Striped coralroot	Corallorhiza striata	119					
	Rattlesnake-plantain	Goodyera oblongifolia	120					
	Twayblades	Listera sp	121					
	White bog-orchid	Platanthera dilatata	122					
	Alaska rein-orchid	Platanthera unalascensis	123					
	Ladies tresses	Spiranthes romanzoffiana	123					
	Buckwheat family		124					
	Purslane family		131					
	Siberian miner's lettuce	Claytonia sibirica	133					
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	Mustard family		144					
	Stonecrop family		154					
	Stonecrop	Sedum sp.	156					
	Oregon stonecrop	Sedum oreganum	156					
	Cactus family		157					

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	Small-flowered alumroot	Heuchera micrantha	166					
	Foam Flower	Tiarella trifoliata	168					
Buttercup family			170					
	Western buttercup	Ranunculus occidentalis	176					
	Red columbine	Aquilegia formosa	180				x	
Rose family			182					
	Large leaved aven	Geum macrophyllum	185				x	
Pea family			189					
	Beach pea	Lathyrus japonicus	191					x
	Common vetch	Vicia sativa	193					x
Violet family			200					
	Marsh violet	Viola palustris	202				x	
Evening Primrose family			205					
	Fireweed	Epilobium angustifolium	206					
Carrot family			211					
	Violet Sp		203					
	Cow-parsnip	Heracleum lanatum	213					
	Indian carrot	Conioselinum pacificum	220					x
	Poison helmock	Conium maculatum	220					
Wintergreen family			223					
	Single delight	Moneses uniflora	224					

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	Menzies Pipsissewa	Chimaphila menziesii	226					
	Gentian family		227					
	Swamp gentian	Gentiana douglasiana	229	x				
	Waterleaf family		230					
	Phlox family		233					
	Spreading phlox	Phlox diffusa	236					x
	Borage family		238					
	Mint family		242					
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	Yarrow	Achillea millefolium	279					
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	Pearly everlasting	Anaphalis margaritacea	304					
	Great burdock	Arctium lappa	305					x
	Canada thistle	Cirsium arvense	306					
	Edible thistle	Cirsium edule	306					
	Other families		307					
	Stinging nettle	Urtica dioica	309					x
	Lamb's quarters	Chanopodium album	311					x
	Vanilla-leaf	Achlys triphylla	312					
	Bleeding heart	Dicentra formosa	313					
	Herb Robert	Geranium robertianum	316					
	Dovefoot geranium	Geranium molle	316					x
	Wild ginger	Asarum caudatum	317					
	Bunchberry	Cornus canadensis	320	x				
	Broad leaved starflower	Trientalis latifolia	322					
	Seaside plantain	Plantago maritima	328					x
	Cleavers	Galium aparine	330					
	Sweet-scented bed straw	Galium triflorum	330					
	Common harebell	Campanula rotundifolia	332					
	Sea blush	Plectritis congesta	333					
	Skunk cabbage	Lysichiton americanum	334					
	AQUATICS		335					
	Marsh/Emergent		336					
	Buckbean	Menyanthes trifoliata	339					
	Submerged/Floating		340					
	Water smartweed	Polygonum amphibium	342					
	Water starwort	Callitriche heterophylla	346					

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	ODDBALLS		350					
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	Common butterwort	Pinguicula vulgaris	351					
	Indian-pipe	Monotropa uniflora	352					
	Pinesap	Hypopitys monotropa	352					
	Pinedrops	Pterospora andromedea	353					
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	Vancouver groundcone	Boschniakia hookeri	354					
	Naked broomrake	Orobanche uniflora	355					
	GRAMINOIDS							
	Grass family		356					
	Dunegrass	Elymus mollis	364					x
	Sedge family		388					
	Western fescue	Festuca occidentalis	375					x
	Slough sedge	Carex obnupta	400					
	American bulrush	Scirpus americanus	405	x				
	Rush family		409					
	FERNS & FERN ALLIES							
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	Spiny wood fern	Dryopteris expansa	422					
	Oak fern	Gymnocarpium dryopteris	423					
	Licorice fern	Polypodium glycyrrhiza	424					
	Maidenhair fern	Adiantum pedatum	425					
	Parsley fern	Cryptogramma crispa	426					
	Horsetail family		428					
	Horsetail sp.		430				x	
	Common horsetail	Equisetum arvense	430					
	Clubmoss & Spikemoss families		429					
	MOSESSES & LIVERWORTS							
	Liverworts		437					
	Peat mosses		447					
	True mosses		451					
	Leaf moss		458					
	Oregon beaked moss	Kindbergia oregana	470	x				
	Tree moss		474					
	Step moss	Hylocomium splendens	474	x				
	Common hair-cap moss	Polytricum commune	453	x				
	LICHENS		484					
	Lipstick cladonia	Cladonia macilenta	500	x				
	Coastal reindeer	Cladina portentosa	502					

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
TREES								
Western hemlock		<i>Tsuga heterophylla</i>	30	x		x	x	x
Douglas fir		<i>Pseudotsuga menziesii</i>	32	x		x	x	x
Grand fir		<i>Abies grandis</i>	34					x
Subalpine fir (balsam fir)		<i>Abies lasiocarpa</i>	35					
Sitka spruce		<i>Picea sitchensis</i>	37					x
Shore pine		<i>Pinus contorta</i>	38				x	x
Western white pine		<i>Pinus monticola</i>	39					
Western Yew		<i>Taxus brevifolia</i>	40					
Red cedar		<i>Thuja plicata</i>	42			x	x	x
Yellow cedar		<i>Chamaecyparis nootkatensis</i>	43					
Red alder		<i>Alnus rubra</i>	44	x		x		x
Bigleaf maple		<i>Acer macrophyllum</i>	45	x		x		x
Black cottonwood		<i>Populus balsamifera</i> ssp.	46				x	
Bitter cherry		<i>Prunus emarginata</i>	48				x	
Pacific crab apple		<i>Malus fusca</i>	48				x	x
Arbutus		<i>Arbutus menziesii</i>	49			x	x	x
Garry oak		<i>Quercus garryana</i>	50				x	
Western flowering dogwood		<i>Cornus nuttallii</i>	51					
SHRUBS								
Salal		<i>Gaultheria shallon</i>	53	x		x	x	x
Red huckleberry		<i>Vaccinium parvifolium</i>	57	x		x	x	x
Evergreen huckleberry		<i>Vaccinium ovatum</i>	59				x	x
False azalea		<i>Mensiesia ferruginea</i>	60					
Crowberry		<i>Empetrum nigrum</i>	64					
Twinflower		<i>Linnaea borealis</i>	68	x				
Black twinberry		<i>Lonicera involucrata</i>	69				x	
Labrador tea		<i>Ledum groenlandicum</i>	66					
Hairy manzanita		<i>Arctostaphylos columbiana</i>	67					
Kinnikinnick		<i>Arctostaphylos uva-ursi</i>	67	x				
Hairy honeysuckle		<i>Lonicera hispidula</i>	69				x	x

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
Red elderberry		<i>Sambucus racemosa</i>	70					
Common snowberry		<i>Symphoricarpos albus</i>	70				x	x
Oceanspray		<i>Holodiscus discolor</i>	71	x			x	x
Mountain ash		<i>Sorbus sitchensis</i>	71					x
Saskatoon		<i>Amelanchier alnifolia</i>	72					
Pacific nine-bark		<i>Physocarpus capitatus</i>	73					
Baldhip rose		<i>Rosa gymnocarpa</i>	74	x			x	x
Nootka rose		<i>Rosa nutkana</i>	74	x			x	x
Thimbleberry		<i>Rubus parviflorus</i>	77	x				x
Salmonberry		<i>Rubus spectabilis</i>	76	x			x	x
Himalayan blackberry		<i>Rubus discolor</i>	78	x		x		x
Trailing blackberry		<i>Rubus ursinus</i>	78	x		x	x	x
Evergreen blackberry		<i>Rubus laciniatus</i>	78					
Hardhack		<i>Spiraea douglasii</i>	81					
Sweet gale		<i>Myrica gale</i>	81					
Red-flowering currant		<i>Ribes sanguineum</i>	84			x		
Black gooseberry		<i>Ribes lacustre</i>	85					x
Sitka willow		<i>Salix sitchensis</i>	89				x	
Red-osier dogwood		<i>Cornus stolonifera</i>	90				x	
Cascara	Cascara Sagrada	<i>Rhamnus purshiana</i>	90				x	
Common Juniper		<i>Juniperus communis</i>	94					
Oregon grape		<i>Mahonia nervosa</i>	95	x			x	x
Mock-orange		<i>Philadelphus lewisii</i>	96				x	
WILDFLOWERS								
Lily family			99					
	False Solomon's seal	<i>Smilacina racemosa</i>	100				x	x
	Clasping twisted stalk	<i>Streptopus amplexifolius</i>	101					
	False lily of the valley	<i>Maianthemum dilatatum</i>	100				x	
	Queen's cup	<i>Clintonia uniflora</i>	104					
	White fawn lily	<i>Erythronium oregonum</i>	104				x	

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
	Nodding onion	Allium cernuum	106				x	
	Harvest brodiaea	Brodiaea coronaria	107				x	
	Fool's onion	Brodiaea hyacinthina	107					
	Meadow death camas	Zygadenus venenosus	109				x	
	Tiger lily	Lilium columbianum	111					
	Iris family		114					
	Orchid family		117					
	Western coralroot	Corallorhiza maculata ssp.	119					
	Spotted coralroot	Corallorhiza maculata ssp.	119					
	Striped coralroot	Corallorhiza striata	119					x
	Rattlesnake-plantain	Goodyera oblongifolia	120				x	
	Twayblades	Listera sp	121					
	White bog-orchid	Platanthera dilatata	122				x	
	Alaska rein-orchid	Platanthera unalascensis	123					
	Ladies tresses	Spiranthes romanzoffiana	123					
	Buckwheat family		124					
	Purslane family		131					
	Siberian miner's lettuce	Claytonia sibirica	133	x			x	x
	Pink family		135					
	Mustard family		144					
	Stonecrop family		154					
	Stonecrop	Sedum sp.	156					
	Oregon stonecrop	Sedum oreganum	156					
	Cactus family		157					

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
Saxifrage family			158					
	Alaska saxifrage	Saxifraga ferruginea	163			x	x	
	Small-flowered alumroot	Heuchera micrantha	166					
	Foam Flower	Tiarella trifoliata	168	x			x	x
Buttercup family			170					
	Western buttercup	Ranunculus occidentalis	176	x				
	Red columbine	Aquilegia formosa	180				x	
Rose family			182					
	Large leaved aven	Geum macrophyllum	185	x				x
Pea family			189					
	Beach pea	Lathyrus japonicus	191				x	x
	Common vetch	Vicia sativa	193					x
Violet family			200					
	Marsh violet	Viola palustris	202					
Evening Primrose family			205					
	Fireweed	Epilobium angustifolium	206	x				
Carrot family			211					
	Violet Sp		203					
	Cow-parsnip	Heracleum lanatum	213				x	
	Indian carrot	Conioselinum pacificum	220				x	
	Poison helmock	Conium maculatum	220					
Wintergreen family			223					x
	Single delight	Moneses uniflora	224					

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
	Pink wintergreen	Pyrola aserifolia	224					x
	White-veined wintergreen	Pyrola picta	225					
	Prince's Pine Pipsissewa	Chimaphila umbellata	226					
	Menzies Pipsissewa	Chimaphila menziesii	226					x
	Gentian family		227					
	Swamp gentian	Gentiana douglasiana	229					
	Waterleaf family		230					
	Phlox family		233					
	Spreading phlox	Phlox diffusa	236					
	Borage family		238					
	Mint family		242					
	Common dead-nettle	Lamium amplexicaule	244				x	
	Self-heal	Prunella vulgaris	246	x				
	Figwort family		248					
	Common foxglove	Digitalis purpurea	251				x	
	Blue-eyed Mary	Collinsia parviflora	262					
	Yellow monkey-flower	Mimulus guttatus	264				x	
	Aster family		268					
	Prickly sow thistle	Sonchus asper	275				x	
	Wall lettuce	Lactuca muralis	276				x	x
	Silver burweed	Ambrosia chamissonis	278					x
	Yarrow	Achillea millefolium	279				x	
	Oxeye daisy	Leucanthemum vulgare	281					
	Entire-leaved gumweed	Grindelia integrifolia	291				x	

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
	Sweet coltsfoot	Petasites frigidus var. nivalis	294	x				
	Pearly everlasting	Anaphalis margaritacea	304	x				
	Great burdock	Arctium lappa	305					
	Canada thistle	Cirsium arvense	306				x	
	Edible thistle	Cirsium edule	306					
	Other families		307					
	Stinging nettle	Urtica dioica	309					
	Lamb's quarters	Chanopodium album	311					
	Vanilla-leaf	Achlys triphylla	312	x			x	
	Bleeding heart	Dicentra formosa	313	x				
	Herb Robert	Geranium robertianum	316	x				x
	Dovefoot geranium	Geranium molle	316					
	Wild ginger	Asarum caudatum	317	x				
	Bunchberry	Cornus canadensis	320	x				
	Broad leaved starflower	Trientalis latifolia	322	x			x	x
	Seaside plantain	Plantago maritima	328					
	Cleavers	Galium aparine	330	x			x	x
	Sweet-scented bed straw	Galium triflorum	330				x	x
	Common harebell	Campanula rotundifolia	332				x	
	Sea blush	Plectritis congesta	333				x	
	Skunk cabbage	Lysichiton americanum	334					x
	AQUATICS		335					
	Marsh/Emergent		336					
	Buckbean	Menyanthes trifoliata	339					
	Submerged/Floating		340					
	Water smartweed	Polygonum amphibium	342					
	Water starwort	Callitriche heterophylla	346					

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
	Watershield	Brasenia schreberi	348					
	Yellow pond lily	Nuphas polysepauum	349					
	ODDBALLS		350					
	Round-leaved sundew	Drosera rotundifolia	351					
	Common butterwort	Pinguicula vulgaris	351					
	Indian-pipe	Monotropa uniflora	352				x	
	Pinesap	Hypopitys monotropa	352					
	Pinedrops	Pterospora andromedea	353					
	Candystick	Allotropa virgata	353					
	Vancouver groundcone	Boschniakia hookeri	354					
	Naked broomrake	Orobanche uniflora	355					
	GRAMINOIDS							
	Grass family		356					
	Dunegrass	Elymus mollis	364					x
	Sedge family		388					
	Western fescue	Festuca occidentalis	375				x	
	Slough sedge	Carex obnupta	400					x
	American bulrush	Scirpus americanus	405					
	Rush family		409					
	FERNS & FERN ALLIES							
	Fern family		417					
	Bracken	Pteridium aquilinum	420	x				x
	Deer fern	Blechnum spicant	420	x				x
	Western sword fern	Polystichum munitum	421	x			x	x

MALASPINA NATURALISTS - FLORA LIST								
			Pojar	Microwave	Myrtle	Saltery	Savary	Shelter
			Page	Hill	Rocks	Bay	Island	Point, Tx
						Oct 1999	Aug 14/01	Aug 16/01
	Lady fern	Athyrium filix-femina	422					x
	Spiny wood fern	Dryopteris expansa	422					x
	Oak fern	Gymnocarpium dryopteris	423					
	Licorice fern	Polypodium glycyrrhiza	424	x				
	Maidenhair fern	Adiantum pedatum	425	x				
	Parsley fern	Cryptogramma crispa	426					
	Horsetail family		428					
	Horsetail sp.		430					x
	Common horsetail	Equisetum arvense	430	x				
	Clubmoss & Spikemoss families		429					
	MOSESSES & LIVERWORTS							
	Liverworts		437					
	Peat mosses		447					
	True mosses		451					
	Leaf moss		458					
	Oregon beaked moss	Kindbergia oregana	470					
	Tree moss		474					
	Step moss	Hylocomium splendens	474					
	Common hair-cap moss	Polytricum commune	453					
	LICHENS		484					
	Lipstick cladonia	Cladonia macilenta	500					
	Coastal reindeer	Cladina portentosa	502					

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
TREES						
Western hemlock		Tsuga heterophylla	30	x		
Douglas fir		Pseudotsuga menziesii	32	x		
Grand fir		Abies grandis	34			
Subalpine fir (balsam fir)		Abies lasiocarpa	35			
Sitka spruce		Picea sitchensis	37			
Shore pine		Pinus contorta	38	x		
Western white pine		Pinus monticola	39			
Western Yew		Taxus brevifolia	40			
Red cedar		Thuja plicata	42			
Yellow cedar		Chamaecyparis nootkatensis	43			
Red alder		Alnus rubra	44	x		
Bigleaf maple		Acer macrophyllum	45			
Black cottonwood		Populus balsamifera ssp.	46			
Bitter cherry		Prunus emarginata	48	x		
Pacific crab apple		Malus fusca	48			
Arbutus		Arbutus menziesii	49	x		
Garry oak		Quercus garryana	50			
Western flowering dogwood		Cornus nuttallii	51			
SHRUBS						
Salal		Gaultheria shallon	53			
Red huckleberry		Vaccinium parvifolium	57			
Evergreen huckleberry		Vaccinium ovatum	59	x		
False azalea		Mensiesia ferruginea	60			
Crowberry		Empetrum nigrum	64			
Twinflower		Linnaea borealis	68			
Black twinberry		Lonicera involucrata	69			
Labrador tea		Ledum groenlandicum	66			
Hairy manzanita		Arctostaphylos columbiana	67	x		
Kinnikinnick		Arctostaphylos uva-ursi	67	x		
Hairy honeysuckle		Lonicera hispidula	69			

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
Red elderberry		<i>Sambucus racemosa</i>	70			
Common snowberry		<i>Symphoricarpos albus</i>	70			
Oceanspray		<i>Holodiscus discolor</i>	71	x		
Mountain ash		<i>Sorbus sitchensis</i>	71			
Saskatoon		<i>Amelanchier alnifolia</i>	72			
Pacific nine-bark		<i>Physocarpus capitatus</i>	73			
Baldhip rose		<i>Rosa gymnocarpa</i>	74			
Nootka rose		<i>Rosa nutkana</i>	74			
Thimbleberry		<i>Rubus parviflorus</i>	77			
Salmonberry		<i>Rubus spectabilis</i>	76			
Himalayan blackberry		<i>Rubus discolor</i>	78			
Trailing blackberry		<i>Rubus ursinus</i>	78			
Evergreen blackberry		<i>Rubus laciniatus</i>	78			
Hardhack		<i>Spiraea douglasii</i>	81			
Sweet gale		<i>Myrica gale</i>	81			
Red-flowering currant		<i>Ribes sanguineum</i>	84			
Black gooseberry		<i>Ribes lacustre</i>	85			
Sitka willow		<i>Salix sitchensis</i>	89			
Red-osier dogwood		<i>Cornus stolonifera</i>	90			
Cascara	Cascara Sagrada	<i>Rhamnus purshiana</i>	90			
Common Juniper		<i>Juniperus communis</i>	94	x		
Oregon grape		<i>Mahonia nervosa</i>	95	x		
Mock-orange		<i>Philadelphus lewisii</i>	96			
WILDFLOWERS						
Lily family			99			
	False Solomon's seal	<i>Smilacina racemosa</i>	100			
	Clasping twisted stalk	<i>Streptopus amplexifolius</i>	101			
	False lily of the valley	<i>Maianthemum dilatatum</i>	100			
	Queen's cup	<i>Clintonia uniflora</i>	104			
	White fawn lily	<i>Erythronium oregonum</i>	104			

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
	Nodding onion	Allium cernuum	106			
	Harvest brodiaea	Brodiaea coronaria	107			
	Fool's onion	Brodiaea hyacinthina	107			
	Meadow death camas	Zygadenus venenosus	109			
	Tiger lily	Lilium columbianum	111			
	Iris family		114			
	Orchid family		117			
	Western coralroot	Corallorhiza maculata ssp.	119			
	Spotted coralroot	Corallorhiza maculata ssp.	119			
	Striped coralroot	Corallorhiza striata	119			
	Rattlesnake-plantain	Goodyera oblongifolia	120			
	Twayblades	Listera sp	121			
	White bog-orchid	Platanthera dilatata	122			
	Alaska rein-orchid	Platanthera unalascensis	123			
	Ladies tresses	Spiranthes romanzoffiana	123			
	Buckwheat family		124			
	Purslane family		131			
	Siberian miner's lettuce	Claytonia sibirica	133			
	Pink family		135			
	Mustard family		144			
	Stonecrop family		154			
	Stonecrop	Sedum sp.	156			
	Oregon stonecrop	Sedum oreganum	156			
	Cactus family		157			

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
Saxifrage family				158		
	Alaska saxifrage	Saxifraga ferruginea		163		
	Small-flowered alumroot	Heuchera micrantha		166		
	Foam Flower	Tiarella trifoliata		168		
Buttercup family				170		
	Western buttercup	Ranunculus occidentalis		176	x	
	Red columbine	Aquilegia formosa		180		
Rose family				182		
	Large leaved aven	Geum macrophyllum		185		
Pea family				189		
	Beach pea	Lathyrus japonicus		191		
	Common vetch	Vicia sativa		193		
Violet family				200		
	Marsh violet	Viola palustris		202		
Evening Primrose family				205		
	Fireweed	Epilobium angustifolium		206		
Carrot family				211		
	Violet Sp			203		
	Cow-parsnip	Heracleum lanatum		213		
	Indian carrot	Conioselinum pacificum		220		
	Poison helmock	Conium maculatum		220		
Wintergreen family				223		
	Single delight	Moneses uniflora		224		

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
	Pink wintergreen	Pyrola aserifolia	224			
	White-veined wintergreen	Pyrola picta	225			
	Prince's Pine Pipsissewa	Chimaphila umbellata	226			
	Menzies Pipsissewa	Chimaphila menziesii	226			
	Gentian family		227			
	Swamp gentian	Gentiana douglasiana	229			
	Waterleaf family		230			
	Phlox family		233			
	Spreading phlox	Phlox diffusa	236			
	Borage family		238			
	Mint family		242			
	Common dead-nettle	Lamium amplexicaule	244			
	Self-heal	Prunella vulgaris	246	x		
	Figwort family		248			
	Common foxglove	Digitalis purpurea	251			
	Blue-eyed Mary	Collinsia parviflora	262			
	Yellow monkey-flower	Mimulus guttatus	264			
	Aster family		268			
	Prickly sow thistle	Sonchus asper	275			
	Wall lettuce	Lactuca muralis	276			
	Silver burweed	Ambrosia chamissonis	278			
	Yarrow	Achillea millefolium	279	x		
	Oxeye daisy	Leucanthemum vulgare	281			
	Entire-leaved gumweed	Grindelia integrifolia	291			

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
	Sweet coltsfoot	Petasites frigidus var. nivalis	294	x		
	Pearly everlasting	Anaphalis margaritacea	304			
	Great burdock	Arctium lappa	305			
	Canada thistle	Cirsium arvense	306			
	Edible thistle	Cirsium edule	306			
	Other families		307			
	Stinging nettle	Urtica dioica	309			
	Lamb's quarters	Chanopodium album	311			
	Vanilla-leaf	Achlys triphylla	312	x		
	Bleeding heart	Dicentra formosa	313	x		
	Herb Robert	Geranium robertianum	316	x		
	Dovefoot geranium	Geranium molle	316			
	Wild ginger	Asarum caudatum	317			
	Bunchberry	Cornus canadensis	320			
	Broad leaved starflower	Trientalis latifolia	322			
	Seaside plantain	Plantago maritima	328			
	Cleavers	Galium aparine	330			
	Sweet-scented bed straw	Galium triflorum	330			
	Common harebell	Campanula rotundifolia	332			
	Sea blush	Plectritis congesta	333			
	Skunk cabbage	Lysichiton americanum	334			
	AQUATICS		335			
	Marsh/Emergent		336			
	Buckbean	Menyanthes trifoliata	339			
	Submerged/Floating		340			
	Water smartweed	Polygonum amphibium	342			
	Water starwort	Callitriche heterophylla	346			

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
					Feb 6/01	
	Watershield	Brasenia schreberi	348			
	Yellow pond lily	Nuphas polysepauum	349			
	ODDBALLS		350			
	Round-leaved sundew	Drosera rotundifolia	351			
	Common butterwort	Pinguicula vulgaris	351			
	Indian-pipe	Monotropa uniflora	352			
	Pinesap	Hypopitys monotropa	352			
	Pinedrops	Pterospora andromedea	353			
	Candystick	Allotropa virgata	353			
	Vancouver groundcone	Boschniakia hookeri	354			
	Naked broomrake	Orobanche uniflora	355			
	GRAMINOIDS					
	Grass family		356			
	Dunegrass	Elymus mollis	364			
	Sedge family		388			
	Western fescue	Festuca occidentalis	375			
	Slough sedge	Carex obnupta	400			
	American bulrush	Scirpus americanus	405			
	Rush family		409			
	FERNS & FERN ALLIES					
	Fern family		417			
	Bracken	Pteridium aquilinum	420			
	Deer fern	Blechnum spicant	420			
	Western sword fern	Polystichum munitum	421			

MALASPINA NATURALISTS - FLORA LIST						
				Pojar	Valentine	Willingdon
				Page	Mountain	Beach
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	Lady fern	Athyrium filix-femina	422			
	Spiny wood fern	Dryopteris expansa	422			
	Oak fern	Gymnocarpium dryopteris	423			
	Licorice fern	Polypodium glycyrrhiza	424	x		
	Maidenhair fern	Adiantum pedatum	425			
	Parsley fern	Cryptogramma crispa	426	x		
	Horsetail family		428			
	Horsetail sp.		430			
	Common horsetail	Equisetum arvense	430			
	Clubmoss & Spikemoss families		429			
	MOSESSES & LIVERWORTS					
	Liverworts		437			
	Peat mosses		447			
	True mosses		451			
	Leaf moss		458			
	Oregon beaked moss	Kindbergia oregana	470			
	Tree moss		474			
	Step moss	Hylocomium splendens	474			
	Common hair-cap moss	Polytricum commune	453			
	LICHENS		484			
	Lipstick cladonia	Cladonia macilenta	500			
	Coastal reindeer	Cladina portentosa	502	x		