

Ecological Reserve Proposal #361, San Juan River

List of Plant Communities and Species

1. Populus trichocarpa/Alnus rubra - Rubus spectabilis - Tolmiea menziesii community.

On young alluvial sand and silt deposits, subject to frequent flooding

Populus trichocarpa	Lysichiton americanum	
Alnus rubra	Erythronium revolutum	
Acer macrophyllum	Pleuropogon refractus	
	Aruncus sylvester	
Rubus spectabilis	Viola glabella	
Cornus stolonifera	Mitella ovalis	
Ribes bracteosa	Cinna latifolia	
Sambucus racemosa	Mimulus dentatus	
Lonicera involucrata	Montia sibirica	
	Osmorhiza chilensis	
Maianthemum dilatata	Petasites frigidus	
Heracleum lanatum	Adiantum pedatum	
Tolmiea menziesii		
Dicentra formosa	Plagiomnium insigne)
Stachys cooleyae	Stokesiella praelonga) moss layer
Athyrium filix-femina	Rhytidiadelphus squarrosus) frequently
) absent

2. Alnus rubra - Ribes bracteosum/Rubus spectabilis - Athyrium filix-femina community.

On alluvial sand and silt deposits subject to flooding.

Alnus rubra	Disporum hookeri
(Acer macrophyllum)	Viola glabella
Picea sitchensis (scattered, small)	Stachys cooleyae
	Montia sibirica
Ribes bracteosum	Boykinia elata
Rubus spectabilis	Festuca subulata
Sambucus racemosa	Galium triflorum
Ribes laxiflorum (old stumps only)	
	Plagiomnium insigne
Athyrium filix-femina	Stokesiella praelonga
Trautvetteria caroliniensis	Conocephalum conicum
Polystichum munitum	Leucolepis menziesii
Maianthemum dilatatum	Pellia meesiana
Disporum smithii	Plagiochila asplenioides

3. Picea sitchensis/Alnus rubra - Polystichum munitum community. Small area only on older alluvial sand and gravel deposits, rarely flooded.

Picea sitchensis	Galium triflorum
Alnus rubra	Tiarella trifoliata
Tsuga heterophylla (generally poor quality)	Montia sibirica
	Carex deweyana
	Luzula parviflora
Vaccinium parvifolium	
Rubus spectabilis	Plagiomnium insigne
Ribes laxiflorum (old stumps only)	Stokesiella oregana
	Stokesiella praelonga
Polystichum munitum	Hylocomium splendens
Trautvetteria caroliniensis	Pellia meesiana
Athyrium filix-femina	Pogonatum alpinum
Dryopteris assimilis	Conocephalum conicum
Maianthemum dilatatum	Hookeria lucens
Disporum hookeri	Calyptogeia muelleriana
Trillium ovatum	Cephalozia sp.

4. Tsuga heterophylla - Blechnum spicant - Plagiothecium undulatum community. On shallow till and colluvium over schist bedrock (steep terrain).

Tsuga heterophylla *	Plagiothecium undulatum
(Thuja plicata - stumps from former stand)	Scapania bolanderi
	Stokesiella oregana
Menziesia ferruginea) very sparse shrub	Rhizomnium glabrescens
Vaccinium alaskaense) layer	Diplophyllum albicans
Vaccinium parvifolium)	Isopterygium elegans
	Lepidozia reptans
Blechnum spicant)	Calyptogeia sp.
Polystichum munitum) discontinuous	Cephalozia spp.
Maianthemum dilatatum) herb layer	Lophocolea sp.
Streptopus amplexifolius)	

5. Species combination of flood channels and sloughs (very variable)

Pyrus fusca	Oenanthe sarmentosa
Cornus stolonifera	Scirpus microcarpus
	Glyceria pauciflora
Carex obnupta) often the only	Equisetum arvense
Lysichiton americanum) species	Cinna latifolia
	Equisetum hiemale

Additional species observed in the proposed area

Acer cf. inatum	Prenanthes alata
Acer glabrum	Prunella vulgaris
Angelica geniflexa	Ranunculus uncinatus
Bromus cf. pacificus	Rubus parviflorus
Cardamine pulcherrima var. tenella	Rumex sp.
Carex hendersonii	Salix lasiandra
Epilobium cf. paniculatum	Salix scouleriana
Equisetum telmateia	Stellaria crispa
Melica subulata	Tellima grandiflora