

## APPENDIX D

### PLANT SPECIES AND SPECIES RANKING

**Table D-1.** Dominant Plant Species within the JNU Project and Landscape Areas (based on Stone 1993)

<b>Common Name</b>	<b>Scientific Name</b>	<b>Community Associations</b>
Alpine bistort	<i>Polygonum viviparum</i>	CF
Arrowgrass	<i>Triglochin maritimum</i>	PP, PC, CL
Artic daisy	<i>Chrysanthemum arcticum</i>	CF, FC
Baneberry	<i>Actaea rubra</i>	CF
Barclay willow	<i>Salix barclayi</i>	DS
Beach greens	<i>Honckenya peploides</i>	EA, EL
Beach lovage	<i>Ligusticum scoticum</i>	CF
Beach pea	<i>Lathyrus maritimus</i>	EL, CF
Beach rye	<i>Elymus arenarius</i>	EA, EL, CG, CF, FG
Black cottonwood	<i>Populus balsamifera</i>	DW
Bluejoint reedgrass	<i>Calamagrostis Canadensis</i>	FG, DW
Booth's willow	<i>Salix boothi</i>	DW
Broad-leaved starflower	<i>Trientalis europaea</i>	CF
Canadian sand-spurry	<i>Spergularia Canadensis</i>	PP, PC, CL
Chocolate lily	<i>Fritillaria camchatcensis</i>	CF
Cleavers	<i>Galium trifidum</i>	CF, FC
Coastal pearlwort	<i>Sagina crassicaulis</i>	CF
Cow parsnip	<i>Heracleum lanatum</i>	CF
Ditch Grass	<i>Ruppia maritime</i>	R
Douglas water-hemlock	<i>Cicuta douglasii</i>	FC
False lily-of-the-valley	<i>Maianthemum dilatatum</i>	CF
Fireweed	<i>Epilobium angustifolium</i>	CF
Foxtail barley	<i>Hordeum jubatum</i>	CG
Fucus	<i>Fucus</i> sp.	PP
Gmelin saltweed	<i>Atriplex gmelini</i>	PP, PC

**Table D-1.** Dominant Plant Species within the JNU Project and Landscape Areas (based on Stone 1993), continued

<b>Common Name</b>	<b>Scientific Name</b>	<b>Community Associations</b>
Goat's beard	<i>Aruncus Sylvester</i>	DS
Goosetongue	<i>Plantago maritime</i>	PP,PC
Kneeling angelica	<i>Angelica genuflexa</i>	CF
Low chickweed	<i>Stellaria humifusa</i>	PP
Lyngbye sedge	<i>Carex lyngbyaei</i>	PC, CL
Marestail	<i>Hippuris tetraphylla</i>	MT
Marsh cinquefoil	<i>Potentilla palustris</i>	FC, SB
Meadow barley	<i>Hordeum brachyantherum</i>	CG
Nagoonberry	<i>Rubus arcticus</i>	CF
Nootka lupine	<i>Lupinus nootkatensis</i>	CF
Northern Grass of Parnassus	<i>Parnassia palustris</i>	FC
Oysterleaf	<i>Mertensia maritima</i>	EL
Pacific alkali grass	<i>Puccinellia nutkaensis</i>	PP, PC
Pacific hemlock-parsley	<i>Conioselinum chinense</i>	CF
Pacific water-parsley	<i>Oenanthe sarmentosa</i>	CF, FC
Pacific crab apple	<i>Malus fusca</i>	CF
Reed canary grass	<i>Phalaris arundinacea</i>	RC
Red elderberry	<i>Sambucus racemosa</i>	DS
Red fescue	<i>Festuca rubra</i>	CG
Salt marsh starwort	<i>Stellaria humifusa</i>	PP, PC, CL
Scurvy grass	<i>Cochlearia officinalis</i>	PP, PC
Sea milk-wort	<i>Glaux maritime</i>	PP, PC, CL
Seablite	<i>Suaeda maritime</i>	PP
Sea-watch	<i>Angelica lucida</i>	CF
Silverweed	<i>Potentilla anserina</i>	PP, PC, CL, EA, CG,CF
Sitka alder	<i>Alnus crispa ssp. sinuata</i>	DS
Sitka Sedge	<i>Carex sitchensis</i>	FC
Sitka spruce	<i>Picea sitchensis</i>	MW, SW
Sitka willow	<i>Salix sitchensis</i>	DS, DW, MW

**Table D-1.** Dominant Plant Species within the JNU Project and Landscape Areas (based on Stone 1993), continued

Common Name	Scientific Name	Community Associations
Spike bentgrass	<i>Agrostis exarata</i>	FG
Sweet gale	<i>Myrica gale</i>	FC
Tufted hairgrass	<i>Deschampsia caespitosa</i>	CG, FC
Unalaska paintbrush	<i>Castilleja unalaschensis</i>	CF
White water-buttercup	<i>Ranunculus aquatilis</i>	SB
Yarrow	<i>Achillea millefolium</i>	CF
Yellow marsh-marigold	<i>Caltha palustris</i>	CF, SB

Community Codes: PP=Pacific Alkali Grass – Goosetongue; PC=Pacific Alkali Grass – Lyngbye Sedge; CL=Lyngbye Sedge; EA=Beach Rye; CG=Coastal Grass Meadow; EL=Beach Rye – Beach Pea; CF=Coastal Forb Meadow; R=Ditch Grass; FS=Fresh Sedge Marsh; FG=Fresh Grass Marsh; RC=Reed Canary Grass; MT=Marestail; SB=Sphagnum Bog; DS=Deciduous Shrub-Scrub; DW=Deciduous Woodland; MW=Mixed Woodland; SW=Spruce Woodland

**Table D-2.** Species Ranks used by The Alaska Natural Heritage Program

Species Global Rankings	
G1	Critically imperiled globally (Typically 5 or fewer occurrences)
G2	Imperiled globally (6-20 occurrences)
G3	Rare or uncommon globally (21-100 occurrences)
G4	Apparently secure globally, but cause for long-term concern (Usually more than 100 occurrences)
G5	Demonstrably secure globally
G?	Unranked
G#G#	Rank of species uncertain, best described as a range between two ranks
G#Q	Taxonomically questionable
G#T#	Global rank of species and global rank of the described variety or subspecies of the species
GU	Unrankable
GH	Historical Occurrence
GX	Extinct
HYB	Hybrid

**Table D-2.** Species Ranks used by The Alaska Natural Heritage Program, continued

<b>Species State Rankings</b>	
S1	Critically imperiled in state (Typically 5 or fewer occurrences)
S2	Imperiled in state (6-20 occurrences)
S3	Rare or uncommon in state (21-100 occurrences)
S4	Apparently secure in state, but cause for long-term concern (Usually more than 100 occurrences)
S5	Demonstrably secure in state
S#S#	State rank of species uncertain, best described as a range between the two ranks
S?	Unranked
SH	Historical Occurrence
SU	Unrankable
SA	Accidental
SR	Reported from the state, but not yet verified
SRF	Reported falsely
SP	Occurs in nearby state. Potential to occur in the state
HYB	Hybrid
SSYN	Synonym
<b>Qualifiers</b>	
B	Breeding status
N	Non-breeding status
?	Inexact
Q	Questionable taxonomy