Public Notice

US Army Corps of Engineers
Walla Walla District
Bldg. 602, City-Cnty Airport
Walla Walla, WA 99362

INFORMATIONAL PUBLIC NOTICE

1993 SUPPLEMENT TO NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHWEST (REGION 9)

March 31, 1994

In May 1992, the Northwest Interagency Review Panel, composed of members from the U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, Environmental Protection Agency and Soil Conservation Service, considered written comments from reviewers on 361 plant species. Most of these plants were on the National List of Plant Species That Occur in Wetlands: Northwest (Region 9)/Biological Report 88 (26.9) (National List) published by the U.S. Fish and Wildlife Service in May 1988. Of the 361 species, 292 were changed in indicator status or added to the list. A copy of the 1993 Supplement to List of Plant Species That Occur in Wetlands: Northwest (Region 9) (1993 Supplement) dated December 1993 is attached. For plant species not in the 1993 Supplement, the National List remains the appropriate list to use.

Additional copies of the 1993 Supplement may be obtained by contacting one of our Regulatory Offices listed below or the U.S. Army Corps of Engineers, Walla Walla District Office, Regulatory Branch, CENPW-OP-RF, Walla Walla, Washington 99362-9265, telephone 509-522-6718. Copies of the National List may be obtained from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161, telephone 703-486-4650.

Use of the 1993 Supplement will become effective the date of this public notice. All delineation reports received after this date will be reviewed using the National List with the 1993 Supplement.

Questions regarding the appropriate list use in other regions of the northwest (states of Washington, Oregon, Montana and Wyoming approximately west of the continental divide) should be directed to the Corps of Engineers District Office maintaining regulatory responsibility for the particular area.

LOCATION: States of Oregon, Washington, Idaho, Montana and Wyoming (approximately west of continental divide).

PURPOSE: Distribution and announcement of availability of supplement to northwest plant list and regulatory use.

AUTHORITY: This action pertains to activities proposed under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899, as appropriate.

POINT OF CONTACT: In Idaho, contact Ray Kagel, Idaho Falls Regulatory Office, Exchange Plaza, 1820 East 17th, Suite 350, Idaho Falls, Idaho 83404, telephone 208-522-1645.

WALLA WALLA DISTRICT REGULATORY OFFICES:

U.S. Army Corps of Engineers
c/o U.S. Forest Service
1201 Ironwood Drive
Coeur d'Alene, Idaho 83814
telephone 208-765-7237

U.S. Army Corps of Engineers
Lucky Peak Project Office
HC-33, Box 1020
Boise, Idaho 83706-9302
telephone 208-343-0671

U.S. Army Corps of Engineers
Exchange Plaza, Suite 350
1820 East 17th
Idaho Falls, Idaho 83404
telephone 208-522-1645

A. Bradley Daly

A. Bradley Daly
Chief, Regulatory Branch

This 1993 Supplement changes or adds indicator status for 292 species to the "List of Plant Species That Occur in Wetlands: Northwest (Region 9)", May 1988, Biological Report 88 (26.9). The species are alphabetized by scientific name followed by the northwest regional indicator and common name.

For plant species not in the 1993 Northwest Supplement, the 1988 Northwest List remains the appropriate list to use.

In May, 1992, the Northwest Interagency Review Panel (NWIRP) considered written comments from reviewers on 361 species, most of which were in the 1988 Northwest List. Reviewers are listed in the appendix. Of the 361 species reviewed, 292 were changed in indicator or added to the list.

Indicators used are:

OBL	Obligate Wetland Species
FACW	Facultative Wetland Species
FAC	Facultative Species
FACU	Facultative Upland Species
UPL	Upland Species
NI	No Indicator Assigned

A positive (+) or negative (-) sign, when used with indicators, attempts to more specifically define the frequency of occurrence in wetlands. The positive sign indicates "slightly more frequently found in wetlands" and the negative sign indicates "slightly less frequently found in wetlands".

An asterisk (*) following a regional indicator in the 1993 Northwest Supplement identifies a tentative assignment based upon either limited information or conflicting reviews. The asterisk is intended to encourage submission of additional field review information.

The Northwest List will remain dynamic and submission of well documented reviews based on field experiences are encouraged. The NWIRP anticipates an annual review in mid-winter of recommended revisions received since the last supplement. A complete submission, including description and explanation of the variety of field sites and/or data which supports each submission, is required. Recommended changes submitted without supporting data will not be considered. For review procedures and fuller descriptions of indictor categories refer to the 1988 Northwest List.

The 1993 Northwest Supplement is endorsed by the NWIRP:

Dennis Peters
U.S. Fish and Wildlife Service
Portland Eastside Federal Complex
911 NE 11th. Avenue
Portland, OR 97232-4181

Jim Goudzwaard
U.S. Army Corps of Engineers, Portland District
Regulatory and Environmental Resource Branch
Resource Protection and Fish and Wildlife Section
P.O. Box 2946
Portland, OR 97208-2946

Ivan Lines
U.S.D.A., Soil Conservation Service
Rock Pointe Tower II, Suite 450
W. 316 Boone
Spokane, WA 99201

Fred Weinmann
U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, WA 98101

Porter B. Reed (Coordinator/Compiler)
U.S. Fish and Wildlife Service
National Wetlands Inventory
Suite 101, Monroe Building
9720 Executive Center Drive
St. Petersburg, FL 33702

Publication of a revised "National List of Plant Species That Occur in Wetlands: 1988 National Summary" is anticipated in 1995. This revised List is expected to follow the taxonomy in a new synonymized checklist of the North American flora to be published by John Kartesz in 1994.

SPECIES WITH A CHANGE IN INDICATOR STATUS OR ADDED TO NORTHWEST 1988 LIST

SCIENTIFIC NAME	INDICATOR	COMMON NAME
ABIES GRANDIS (DOUGL. EX D.DON) LINDL.	FACU-*	FIR,GRAND
ACER CIRCINATUM PURSH	FAC-	MAPLE,VINE
AGOSERIS AURANTIACA (HOOK.) GREENE	FACU	FALSE-DANDELION,ORANGE-FLOWER
AGOSERIS GLAUCA (PURSH) D. DIETR.	FAC-	FALSE-DANDELION,PALE
AGROPYRON REPENS (L.) BEAUV.	FAC-	QUACKGRASS
AGROPYRON SPICATUM (PURSH) SCRIBN. & J.G. SMITH	UPL	WHEATGRASS,BLUE-BUNCH
AGROSTIS ALBA L.	FAC*	REDTOP
AGROSTIS IDAHOENSIS NASH	FACW-	BENTGRASS,IDAHO
AGROSTIS ROSSIAE VASEY	NI	BENTGRASS, ROSS'
AGROSTIS STOLONIFERA L.	FAC*	BENTGRASS,SPREADING
AGROSTIS STOLONIFERA L. VAR. PALUSTRIS (HUDS.) FARW.	FACW*	BENTGRASS,CREEPING
AGROSTIS TENUIS SIBTH.	FAC	BENTGRASS,COLONIAL
ALNUS CRISPA (DRYAND. IN AIT.) PURSH	FACW*	ALDER,GREEN
ALOPECURUS ARUNDINACEUS POIR.	FAC*	FOXTAIL,CREEPING
ALOPECURUS GENICULATUS L.	OBL	FOXTAIL,MEADOW
AMORPHA FRUTICOSA L.	FACW	INDIGO-BUSH,FALSE
ANGELICA LUCIDA L.	FAC+	ANGELICA,SEAWATCH
ANTENNARIA ARCUATA CRONQ.	FACW*	PUSSY-TOES,ALBERTA
ANTENNARIA CORYMBOSA E. NELS.	FAC*	PUSSY-TOES,FLAT-TOP
ARMERIA MARITIMA WILLD.	FAC*	THRIFT,WESTERN
ARTEMISIA CANA PURSH	FACU*	SAGEBRUSH,SILVER
ARTEMISIA LONGILOBA (OSTERH.) A.A. BEETLE	UPL	SAGE,LONG-LEAF
ARTEMISIA LUDOVICIANA NUTT.	FACU-*	SAGEBRUSH,WHITE
ASARUM CAUDATUM LINDL.	FACU*	GINGER,LONG-TAIL WILD
ASTER ALPIGENUS (TORR. & GRAY) GRAY	FAC*	ASTER,ANDERSON'S
ASTRAGALUS BODINII SHELDON	FACW*	MILKVETCH,BODIN'S
ASTRAGALUS LEPTALEUS GRAY	OBL*	MILKVETCH,PARK
ATRIPLEX ROSEA L.	FACU	ORACHE,TUMBLING
BETULA PAPYRIFERA MARSHALL	FAC*	BIRCH,PAPER
BETULA PENDULA ROTH	FACW*	BIRCH, EUROPEAN WEEPING
BOTRYCHIUM SIMPLEX E. HITCHC.	FAC*	GRAPEFERN,LEAST
BOTRYCHIUM VIRGINIANUM (L.) SWARTZ	FAC*	FERN,RATTLESNAKE
BOYKINIA ELATA (NUTT.) GREENE	FAC	BROOKFOAM,SANTA LUCIA
BROMUS CILIATUS L.	FAC*	BROME,FRINGED
BROMUS JAPONICUS THUNB.	UPL	BROME,JAPANESE
BROMUS RUBENS L.	FACU*	BROME,RIPGUT
BROMUS VULGARIS (HOOK.) SHEAR	UPL	BROME,COLUMBIA
CALAMAGROSTIS SCOPULORUM M.E. JONES	FAC*	REEDGRASS,DITCH
CAMASSIA QUAMASH (PURSH) GREENE	FACW*	CAMASSIA,COMMON
CAPSELLA BURSA-PASTORIS (L.) MEDIC.	FACU	SHEPHERD'S-PURSE COMMON
CARDAMINE OLIGOSPERMA NUTT.	FAC	BITTER-CRESS,FEW-SEED
CAREX ABORIGINUM M.E. JONES	OBL*	SEDGE,INDIAN VALLEY
CAREX AENAE FERNALD	FACW*	SEDGE,BRONZE
CAREX ARCTA BOOTT	OBL	SEDGE,NORTHERN CLUSTERED
CAREX CRAWFORDII FERNALD	FAC	SEDGE,CRAWFORD'S
CAREX DEWEYANA SCHWEINITZ	FACU*	SEDGE,SHORT-SCALE
CAREX HENDERSONII L.H. BAILEY	FAC	SEDGE,HENDERSON'S
CAREX HOODII BOOTT	FAC	SEDGE,HOOD'S
CAREX LEPORINA L.	FACW	SEDGE,HARE'S-FOOT
CAREX MERTENSII PRESCOTT	FAC	SEDGE,MERTEN'S
CAREX NOVA L.H. BAILEY	FAC*	SEDGE,NEW

SUPPLEMENT TO
BIOLOGICAL REPORT
88 (26.9) MAY 1988

SPECIES WITH A CHANGE IN INDICATOR STATUS OR ADDED TO NORTHWEST 1988 LIST

SCIENTIFIC NAME	INDICATOR	COMMON NAME
CAREX PANSA L.H. BAILEY	FAC*	SEDGE,SAND-DUNE
CAREX PSEUDOSCIRPOIDEA RYDB.	FAC*	SEDGE,WESTERN SINGLE-SPIKE
CAREX ROSTRATA J. STOKES VAR. UTRICULATA (BOOTT) BAILEY	OBL	SEDGE,NORTHWEST TERRITORY
CAREX SARTWELLII DEWEY	OBL	SEDGE,SARTWELL'S
CAREX SCIRPOIDEA MICHX.	FAC*	SEDGE,CANADIAN SINGLE-SPIKE
CAREX SPECTABILIS DEWEY	FACW*	SEDGE,SHOWY
CAREX TENERA DEWEY	FACW*	SEDGE,SLENDER
CAREX TUMULICOLA MACKENZ.	FACU*	SEDGE,FOOTHILL
CEANOTHUS SANGUINEUS PURSH	UPL	CEANOTHUS,RED-STEM
CENTAURIUM UMBELLATUM GILIB. EX FERNALD	FAC	CENTAURY
CIRCAEA ALPINA L.	FAC+	ENCHANTER'S-NIGHTSHADE SMALL
CIRSIUM EDULE NUTT.	FAC	THISTLE,EDIBLE
CLAYTONIA CORDIFOLIA S. WATS.	FAC	SPRINGBEAUTY,HEART-LEAF
CLAYTONIA SIBIRICA L.	FAC	SPRINGBEAUTY,SIBERIAN
CLEMATIS LIGUSTICIFOLIA NUTT.	FAC-	VIRGIN'S-BOWER,WESTERN
CONIOSELINUM CHINENSE (L.) B.S.P.	FACW	HEMLOCK-PARSLEY
CONIUM MACULATUM L.	FAC+	POISON-HEMLOCK
CORALLORRHIZA MACULATA (RAF.) RAF.	UPL	CORALROOT,SPOTTED
CORNUS CANADENSIS L.	FAC	BUNCHBERRY,CANADA
CORYLUS CORNUTA MARSHALL	FACU	HAZEL-NUT,BEAKED
CRATAEGUS MONOGYNA JACQ.	FACU+*	HAWTHORN,ONE-SEED
CREPIS CAPILLARIS (L.)WALL R.	FACU*	HAWK'S-BEARD,SMOOTH
CRYPSIS ALOPECUROIDES (PILLER & MITTERP.) SCHRAD.	OBL*	TIMOTHY,FOX-TAIL
CYNOGLOSSUM OFFICINALE L.	FACU*	GYPSY-FLOWER
CYPRIPEDIUM FASCICULATUM KELLOGG EX S. WATS.	FACU	LADY'S-SLIPPER,CLUSTERED
DANTHONIA CALIFORNICA BOLAND.	FACU*	OATGRASS,CALIFORNIA
DICENTRA FORMOSA (ANDR.) WALPERS	FACU*	BLEEDINGHEARTS,PACIFIC
DICHANTHELIUM OLIGOSANTHES (J.A. SCHULTES) GOULD	FACU*	WITCHGRASS,HELLER'S
DIGITALIS PURPUREA L.	FACU*	FOXGLOVE,PURPLE
DIPSACUS SYLVESTRIS HUDS.	FAC	TEASEL
DODECATHEON CONJUGENS GREENE	FACU	SHOOTING-STAR,BONNEVILLE
DODECATHEON JEFFREYI VAN HOUTTE	FACW+	SHOOTING-STAR,JEFFREY'S
DRABA AUREA VAHL EX HORNEM.	FACU*	WHITLOW-GRASS,GOLDEN
DRYOPTERIS CAMPYLOPTERA (KUNZE) E.H.CLARKSON	NI	FERN, MOUNTAIN WOOD
ELEOCHARIS BOLANDERI GRAY	FACW+	SPIKERUSH,BOLANDER'S
ELYMUS CINEREUS SCRIBN. & MERRILL	FAC	WILD-RYE,BASIN
EPILOBIUM LATIFOLIUM L.	FACW	BEAUTY,RIVER
EPIPACTIS GIGANTEA DOUGL. EX HOOK.	OBL	HELLOBORINE,GIANT
ERIGERON PEREGRINUS (BANKS EX PURSH) GREENE	NI	FLEABANE,WANDERING
ERYTHRONIUM GRANDIFLORUM PURSH	FACU	FAWNLILY,LAMBS-TONGUE
EUTHAMIA OCCIDENTALIS NUTT.	FACW*	FRAGRANT-GOLDEN-ROD,WESTERN
FESTUCA ALTAICA TRIN.	FACU*	FESCUE,ROUGH
FESTUCA ARUNDINACEA SCHREB.	FAC-	FESCUE,KENTUCKY
FESTUCA IDAHOENSIS ELMER	FACU*	FESCUE,BLUEBUNCH
FESTUCA OVINA L.	FACU*	FESCUE,SHEEP
FESTUCA RUBRA L.	FAC+	FESCUE,RED
FESTUCA SUBULATA TRIN.	FACU+	FESCUE,BEARDED
FLOERKEA PROSERPINACOIDES WILLD.	FACW*	MERMAID-WEED,FALSE
FRAGARIA VIRGINIANA DUCHESNE	FACU*	STRAWBERRY,VIRGINIA
GALEOPSIS TETRAHIT L.	NI	HEMP-NETTLE,BRITTLE-STEM
GAULTHERIA SHALLON PURSH	FACU*	SALAL

SPECIES WITH A CHANGE IN INDICATOR STATUS OR ADDED TO NORTHWEST 1988 LIST

SCIENTIFIC NAME	INDICATOR	COMMON NAME
GENTIANA AFFINIS GRISEB.	FACU+	GENTIAN,PRAIRIE
GERANIUM RICHARDSONII FISCH. & TRAUTV.	FAC-	CRANE'S-BILL,RICHARDSON'S
GEUM MACROPHYLLUM WILLD.	FACW-*	AVENS,LARGE-LEAF
GYMNOCARPIUM DRYOPTERIS (L.) E. NEWMAN	FAC*	FERN,OAK
HAPLOPAPPUS RACEMOSUS (NUTT.) TORR.	FAC*	GOLDEN-WEED,CLUSTER
HAPLOPAPPUS UNIFLORUS (HOOK.) TORR. & GRAY	FACW-	GOLDEN-WEED,PLANTAIN
HEMICARPHA MICRANTHA (VAHL) PAX	OBL	DWARF-BULLRUSH
HERACLEUM LANATUM MICHX.	FAC+	COW-PARSNIP
HIEROCHLOE ODORATA (L.) BEAUV.	FACW+	GRASS,HOLY
HOLCUS MOLLIS L.	FACU*	GRASS, CREEPING VELVET
HORDEUM BRACHYANTHERUM NEVSKII	FACW-*	BARLEY,MEADOW
HORDEUM DEPRESSUM (SCRIBN. & J.G. SMITH) RYDB.	FACW*	BARLEY,DWARF
HORDEUM HYSTRIX ROTH	FACU+	BARLEY,MEDITERRANEAN
HORDEUM JUBATUM L.	FAC	BARLEY,FOX-TAIL
HORDEUM PUSILLUM NUTT.	FACU*	BARLEY,LITTLE
HYPERICUM FORMOSUM H.B.K.	FAC-	ST. JOHN'S-WORT,WESTERN
HYPERICUM MAJUS (GRAY) BRITTON	FACW-	ST. JOHN'S-WORT,LARGE CANADIAN
HYPOCHAERIS RADICATA L.	FACU*	CAT'S-EAR,SPOTTED
IMPATIENS GLANDULIFERA ROYLE	FACW*	POLICEMAN'S-HELMET
JUNCUS BALTICUS WILLD.	FACW+	RUSH,BALTIC
JUNCUS BUFONIUS L.	FACW	RUSH,TOAD
JUNCUS EFFUSUS L.	FACW	RUSH,SOFT
JUNCUS LESUEURII BOLAND.	FACW	RUSH,SALT
JUNCUS TENUIS WILLD.	FACW-	RUSH,SLENDER
LACTUCA BIENNIS (MOENCH) FERNALD	FAC	LETTUCE,BIENNIAL
LACTUCA PULCHELLA (PURSH) DC.	FAC-	LETTUCE,CHICORY
LACTUCA SERRIOLA L.	FACU	LETTUCE,PRICKLY
LEONTODON AUTUMNALIS L.	FAC*	FLOWER,AUGUST
LIGUSTICUM CANADENSE (L.) BRITTON	NO	LOVAGE,NONDO
LISTERA CAURINA PIPER	FACU	TWAYBLADE,WESTERN
LISTERA CORDATA (L.) R. BR.	FACU*	TWAYBLADE,HEART-LEAF
LLOYDIA SEROTINA (L.) SALISB. EX REICHENB.	FACU	LILY,COMMON ALPINE
LONICERA INVOLUCRATA BANKS EX SPRENG.	FAC+*	HONEYSUCKLE,FOUR-LINE
LONICERA UTAHENSIS S. WATS.	FAC	HONEYSUCKLE,UTAH
LUPINUS RIVULARIS DOUGL. EX LINDL.	FACU	LUPINE,RIVERBANK
LUZULA COMOSA E. MEYER	FAC*	WOODRUSH,HAIRY
LYCOPODIUM DENDROIDEUM MICHX.	FACU*	CLUBMOSS,TREE-LIKE
LYCOPODIUM OBSCURUM L.	FACU	CLUBMOSS,TREE
LYSIMACHIA PUNCTATA L.	OBL*	LOOSESTRIFE,SPOTTED
LYTHRUM PORTULA (L.)D.A.WEBB	NI	LOOSESTRIFE,SPATULA-LEAF
LYTHRUM SALICARIA L.	FACW+	LOOSESTRIFE,PURPLE
MADIA GLOMERATA HOOK.	FACU+	TARWEED,MOUNTAIN
MAIANTHEMUM DILATATUM (A. WOOD) A. NELS. & J.F. MACBR.	FAC	LILY-OF-THE-VALLEY,FALSE
MALUS FUSCA (RAF.) C.K. SCHNEID.	FACW	CRABAPPLE,PACIFIC
MENTHA ARVENSIS L.	FACW-	MINT,FIELD
MERTENSIA PANICULATA (AIT.) G. DON	FACW-	BLUEBELLS,TALL
MIMULUS SUKSDORFII GRAY	FACU	MONKEY-FLOWER,SUKSDORF'S
MIRABILIS NYCTAGINEA (MICHX.) MACMIL.	FACU*	FOUR-O'CLOCK,HEART-LEAF
MITELLA BREWERI GRAY	FAC*	BISHOP'S-CAP,FEATHERY
MITELLA PENTANDRA HOOK.	FAC*	BISHOP'S-CAP,FIVE-POINT
MORUS ALBA L.	FACU*	MULBERRY,WHITE

1993 NORTHWEST SUPPLEMENT (REGION 9)
DECEMBER 1993

SUPPLEMENT TO
BIOLOGICAL REPORT
88 (26.9) MAY 1988

SPECIES WITH A CHANGE IN INDICATOR STATUS OR ADDED TO NORTHWEST 1988 LIST

SCIENTIFIC NAME	INDICATOR	COMMON NAME
MUHLENBERGIA ANDINA (NUTT.) A. HITCHC.	FAC	MUHLY,FOXTAIL
MUHLENBERGIA FILIFORMIS (THURB. EX S. WATS.) RYDB.	FACW-	MUHLY,PULLUP
MUHLENBERGIA GLOMERATA (WILLD.) TRIN.	FACW+	MUHLY,MARSH
MUHLENBERGIA MINUTISSIMA (STEUD.) SWALLEN	FAC+	MUHLY,LEAST
MUHLENBERGIA RACEMOSA (MICHX.) B.S.P.	FACW	MUHLY,GREEN
MUHLENBERGIA RICHARDSONIS (TRIN.) RYDB.	FAC+	MUHLY,MAT
OEMLERIA CERASIFORMIS (HOOK. & ARN.)LANDON	FACU	OSO-BERRY
OPLOPANAX HORRIDUS (J.E. SMITH) TORR. & GRAY EX MIQ.	FAC+	DEVIL'S-CLUB
OXALIS TRILLIIFOLIA HOOK.	FAC+	WOODSORREL,TRILLIUM-LEAF
PANICUM CAPILLARE L.	FACU+	WITCHGRASS
PANICUM VIRGATUM L.	FACW	SWITCHGRASS
PEDICULARIS CONTORTA BENTH. EX HOOK.	FACU	LOUSEWORT,COILED
PENSTEMON ATTENUATUS DOUGL. EX LINDL.	FACU*	BEARDTONGUE,SULFUR
PENSTEMON SERRULATUS MENZIES	FACU*	BEARDTONGUE,CASCADE
PERIDERIDIA GAIRDNERI (HOOK. & ARN.) MATHIAS	FAC*	YAMPAH,GAIRDNER'S
PETASITES FRIGIDUS (L.) FR.	FACW-	COLTSFOOT,ARCTIC SWEET
PHIPPSIA ALGIDA (PHIPPS) R. BR.	OBL	GRASS,ICE
PHLEUM ALPINUM L.	FACW	TIMOTHY,ALPINE
PHLEUM PRATENSE L.	FAC-	TIMOTHY
PHLOX IDAHONSIS WHERRY	FACW*	PHLOX,CLEARWATER
PHLOX KELSEYI BRITTON	FACW*	PHLOX,KELSEY'S
PHYLLODOCE EMPETRIFORMIS (J.E. SMITH) D. DON	FACU*	MOUNTAIN-HEATH,PINK
PHYLLODOCE GLANDULIFLORA (HOOK.) COVILLE	FACU*	MOUNTAIN-HEATH,YELLOW
PHYSOCARPUS CAPITATUS (PURSH) KUNTZE	FACW-	NINEBARK,PACIFIC
PICEA GLAUCA (MOENCH) VOSS	FAC*	SPRUCE,WHITE
PINUS CONTORTA DOUGL. EX LOUDON	FAC	PINE,LODGE-POLE
PIPERIA UNALASCENSIS (SPRENG.) RYDB.	NI	REINORCHID,ALASKA
PLANTAGO LANCEOLATA L.	FAC	PLANTAIN,ENGLISH
PLANTAGO MAJOR L.	FACU+	PLANTAIN,COMMON
PLATANTHERA ORBICULATA (PURSH) LINDL.	NI	ORCHID,LARGE ROUND-LEAF
PLATANTHERA STRICTA LINDL.	FACW+	BOGORCHID,SLENDER
PLECTRITIS MACROCERA TORR. & GRAY	FACU+	PLECTRITIS,LONGHORN
POA ANNUA L.	FAC	BLUEGRASS,ANNUAL
POA ARCTICA R. BR.	FACU*	BLUEGRASS,ARCTIC
POA COMPRESSA L.	FACU+	BLUEGRASS,CANADA
POA CURTA RYDB.	FACU	BLUEGRASS,WASATCH
POA NEVADENSIS VASEY EX SCRIBN.	FAC*	BLUEGRASS,NEVADA
POA PRATENSIS L.	FAC	BLUEGRASS,KENTUCKY
POA TRIVIALIS L.	FACW	BLUEGRASS,ROUGH
PODAGROSTIS HUMILIS (VASEY) BJOERKM.	FACW	BENTGRASS,MOUNTAIN
POLYGONUM BISTORTOIDES PURSH	FACW*	BISTORT,AMERICAN
POLYGONUM CUSPIDATUM SIEBOLD & ZUCCAR.	FACU*	KNOTWEED,JAPANESE
POLYGONUM LAPATHIFOLIUM L.	FACW	WILLOW-WEED
POLYGONUM SACHALINENSE F. SCHMIDT EX. MAXIM.	FACU*	KNOTWEED,GIANT
POLYPOGON MONSPELIENSIS (L.) DESF.	FACW	GRASS,ANNUAL RABBIT-FOOT
POLYSTICHUM MUNITUM (KAULF.)K.PRESL	FACU	FERN,PINELAND SWORD
PRIMULA ALACLINA A. CHOLEWA & D. HENDERSON	OBL*	PRIMROSE,ALKALI
PRUNUS EMARGINATA (DOUGL. EX HOOK.)WALPERS	FACU*	CHERRY,BITTER
PSEUDOTSUGA MENZIESII (MIRBEL)FRANCO	FACU*	FIR,DOUGLAS
PSILOCARPHUS OREGONUS NUTT.	OBL	WOOLLY-HEADS,OREGON
PSILOCARPHUS TENELLUS NUTT.	OBL	WOOLLY-HEADS,SLENDER

SPECIES WITH A CHANGE IN INDICATOR STATUS OR ADDED TO NORTHWEST 1988 LIST

SCIENTIFIC NAME	INDICATOR	COMMON NAME
PUCCINELLIA CUSICKII WEATHERBY	NI	GRASS,CUSICK ALKALI
PUCCINELLIA DISTANS (L.) PARLAT.	FACW+	GRASS,WEEPING ALKALI
PUCCINELLIA NUTTALLIANA (J.A. SCHULTES) A. HITCHC.	FACW+	GRASS,NUTTALL'S ALKALI
RANUNCULUS ESCHSCHOLTZII SCHLECHT.	FACW*	BUTTER-CUP,ESCHSCHOLTZ
RANUNCULUS GLABERRIMUS HOOK.	FACU	BUTTER-CUP,SAGEBRUSH
RANUNCULUS OCCIDENTALIS NUTT.	FAC	BUTTER-CUP,WESTERN
RANUNCULUS UNCINATUS D. DON EX G. DON	FAC-	BUTTER-CUP,HOOKED
RANUNCULUS VERECUNDUS B. ROB.	FAC*	BUTTER-CUP,WETSLOPE
RAPHANUS SATIVUS L.	NI	RADISH
RHAMNUS PURSHIANA DC.	FAC-	BUCKTHORN,CASCARA
RHINANTHUS CRISTA-GALLI L.	FACU	YELLOW-RATTLE,LITTLE
RHODODENDRON ALBIFLORUM HOOK.	FACU	RHODODENDRON,WHITE-FLOWER
RIBES CEREUM DOUGL.	FAC*	CURRANT,WHITE SQUAW
RIBES DIVARICATUM DOUGL.	FAC*	GOOSEBERRY,SPREADING
RIBES HUDSONIANUM RICHARDS.	FACW	CURRANT,HUDSON BAY
RIBES SETOSUM LINDL.	FACW*	GOOSEBERRY,BRISTLY
RIBES VISCOSISSIMUM PURSH	FAC	CURRANT,STICKY
RIBES WOLFII ROTHR.	FAC*	CURRANT,WOLF
ROBINIA PSEUDOACACIA L.	FACU	LOCUST,BLACK
RORIPPA CURVISILIQUA (HOOK.) BESSEY EX BRITTON	OBL	YELLOW-CRESS,CURVE-POD
ROSA EGLANTERIA L.	FACW*	SWEETBRIER
ROSA GYMNOCARPA NUTT.	FACU	ROSE,WOOD
ROSA NUTKANA K. PRESL	FAC	ROSE,NOOTKA
ROSA PISOCARPA GRAY	FAC	ROSE,CLUSTERED
RUBUS BARTONIANUS M.E. PECK	FACW*	RASPBERRY,BARTON'S
RUBUS DISCOLOR WEIHE & NEES	FACU	BLACKBERRY,HIMALAYAN
RUBUS PARVIFLORUS NUTT.	FAC-	THIMBLE-BERRY,WESTERN
RUBUS PROCERUS P.J. MUELL.	FACU	BLACKBERRY,HIMALAYA
RUBUS SPECTABILIS PURSH	FAC+	BERRY,SALMON
RUBUS STRIGOSUS MICHX.	FAC-	RASPBERRY,RED
RUBUS URSINUS CHAM. & SCHLECHT.	FACU	DEWBERRY, CALIFORNIA
RUMEX ACETOSELLA L.	FACU+	SORREL,SHEEP
RUMEX CRISPUS L.	FAC+	DOCK,CURLY
SALIX ARCTICA PALLAS	FAC	WILLOW,ARCTIC
SALIX MACCALLIANA ROWLEE	FACW*	WILLOW,MCCALL'S
SALIX MELANOPSIS NUTT.	OBL*	WILLOW,DUSKY
SALIX RETICULATA L.	FAC*	WILLOW,NET-LEAF
SALIX WOLFII BEBB	OBL	WILLOW,WOLF
SALSOLA KALI L.	UPL	THISTLE,RUSSIAN
SAMBUCUS CERULEA RAF.	FACU	ELDER,BLUE
SAXIFRAGA ADSCENDENS L.	FACW*	SAXIFRAGE,ROCK
SAXIFRAGA INTEGRIFOLIA HOOK.	NI	SAXIFRAGE,COLUMBIA
SCIRPUS CYPERINUS (L.) KUNTH	OBL	WOOL-GRASS
SEDUM ROSEA (L.) SCOP.	NI	STONECROP,ROSEROOT
SENECIO CYMBALARIOIDES H. BUEK	FACW	GROUNDSEL,CLEFT-LEAF
SENECIO INTEGERRIMUS NUTT.	FACU	GROUNDSEL,LAMBSTONGUE
SENECIO JACOBAEA L.	FACU*	STINKING-WILLIE
SENECIO SERRA HOOK.	FACU*	GROUNDSEL,BUTTERWEED
SETARIA VERTICILLATA (L.) BEAUV.	FACU-	GRASS,BUR BRISTLE
SIDALCEA NELSONIANA PIPER	FAC	CHECKER-MALLOW,NELSON'S
SISYRINCHIUM LITTORALE GREENE	FACW*	BLUE-EYE-GRASS,ALASKA

1993 NORTHWEST SUPPLEMENT (REGION 9)
DECEMBER 1993

SUPPLEMENT TO
BIOLOGICAL REPORT
88 (26.9) MAY 1988

SPECIES WITH A CHANGE IN INDICATOR STATUS OR ADDED TO NORTHWEST 1988 LIST

SCIENTIFIC NAME	INDICATOR	COMMON NAME
SOLANUM DULCAMARA L.	FAC+	NIGHTSHADE,CLIMBING
SORBUS SCOPULINA GREENE	FACU	MOUNTAIN-ASH,GREENE'S
SPIRAEA BETULIFOLIA PALLAS	FAC*	MEADOW-SWEET,WHITE
SPIRANTHES ROMANZOFFIANA CHAM.	FACW	LADIES'-TRESSES,HOODED
SPOROBOLUS AIROIDES (TORR.) TORR.	FAC*	SACATON,ALKALI
SPOROBOLUS CRYPTANDRUS (TORR.) GRAY	FACU-	DROPSEED,SAND
SPOROBOLUS HETEROLEPIS (GRAY) GRAY	FACU*	DROPSEED,PRAIRIE
STELLARIA LAETA RICHARDS.	UPL	STARWORT,LONG-STALK
STELLARIA MEDIA (L.) VILLARS	FACU	CHICKWEED,COMMON
STELLARIA UMBELLATA TURCZ. EX KAREL. & KIR.	FACW*	STARWORT,UMBELLATE
STENANTHIUM OCCIDENTALE GRAY	FAC*	FEATHER-BELLS,WESTERN
SYMPHORICARPOS OCCIDENTALIS HOOK.	NI	SNOWBERRY,WESTERN
TANACETUM VULGARE L.	NI	TANSY,COMMON
TAUSCHIA TENUISSIMA (GEYER EX HOOK.) MATHIAS & CONSTANCE	FACW*	TAUSCHIA,LEIBERG'S
TAXUS BREVIFOLIA NUTT.	NI	YEW,PACIFIC
THALICTRUM OCCIDENTALE GRAY	FACU*	MEADOW-RUE,WESTERN
THELYPTERIS NEVADENSIS (BAKER) CLUTE EX MORTON	NI	FERN,SIERRA NEVADA MARSH
TOLMIEA MENZIESII (PURSH) TORR. & GRAY	FAC*	PLANT,PIGGY-BACK
TRIENTALIS BOREALIS RAF.	FACW*	STARFLOWER,AMERICAN
TRIFOLIUM HAYDENII PORTER	UPL	CLOVER,HAYDEN
TRIFOLIUM HYBRIDUM L.	FAC	CLOVER,ALSIKE
TRIFOLIUM REPENS L.	FAC*	CLOVER,WHITE
TRILLIUM OVATUM PURSH	FACU*	TRILLIUM,WESTERN
TRISETUM SPICATUM (L.) RICHTER	UPL	FALSE-OATS,SPIKED
TRISETUM WOLFII VASEY	FACU	FALSE-OATS,WOLF'S
VACCINIUM CESPITOSUM MICHX.	FAC*	BLUEBERRY,DWARF
VAHLODEA ATROPURPUREA (WAHLENB.) FR.	FACW	HAIRGRASS,MOUNTAIN
VERATRUM VIRIDE AIT.	FACW	FALSE-HELLEBORE,AMERICAN
VERBENA BRACTEATA LAG. & RODRIG.	FAC*	VERVAIN,PROSTRATE
VERONICA ARVENSIS L.	FACU*	SPEEDWELL,CORN
VERONICA CUSICKII GRAY	FAC*	SPEEDWELL,CUSIK'S
VERONICA WORMSKJOLDII ROEM. & J.A. SCHULTES	FAC*	SPEEDWELL,AMERICAN ALPINE
VIBURNUM TRILOBUM MARSHALL	FACW-	CRANBERRYBUSH,AMERICAN
VICIA AMERICANA MUHL. EX WILLD.	FAC*	VETCH,AMERICAN PURPLE
VULPIA BROMOIDES (L.) S.F. GRAY	NI	GRASS,BROME SIX-WEEKS
ZIGADENUS ELEGANS PURSH	FACU	DEATHCAMAS,MOUNTAIN
ZIGADENUS VENENOSUS S. WATS.	FACU*	DEATHCAMAS,MEADOW

APPENDIX

1993 Northwest Supplement (Region 9)
December 1993

Supplement To
Biological Report
88 (26.9) May 1988

Reviewers who provided submissions for consideration during the 1992 review by the Northwest Interagency Review Panel.

Antieau, Clayton
1308 N.W. 83rd
Seattle, WA 98117

Black, Gerry
Environmental Protection Specialist
U.S. Army Corps of Engineers,
Portland District
Route 5, Box 30
Astoria, OR 97103-9308

Chaney, Marty
USDA, Soil Conservation Service
Evergreen Plaza Bldg., Room 502
711 Capitol Way
Olympia, WA 98501-1278

Chappell, Christopher
Tocoma, WA

Colebrook, Binda
3560 Alm Road
Everson, WA 98247

Cooke, Sarah
PENTEC
120 West Dayton, Suite A27
Edmonds, WA 98020

Crawford, Rex
Washington Natural
Heritage Program
Olympia, WA 98501

Duebendorfer, Tom
8921 188th Street, S.E.
Snohomish, WA 98290

Ewing, Kern
18242 24th Avenue, N.E.
Seattle, WA 98155

Fries, Mary
620 North "C" Street
Tacoma, WA 98403

Gamon, John
Washington Dept. of Natural Resources
Natural Heritage Program
P.O. Box 47047
Olympia, WA 98504-7047

Gooley, Ed
U.S. Army Corps of Engineers
P.O. Box 809
Riverton, WY 82501

Halse, Richard
Dept. of Botany & Plant Pathology
University of Oregon
Cordley Hall 4082
Corvalis, OR 97331

Hartley, Jamie
Sheldon Associates
P.O. Box 22052
Seattle, WA 98122

Howard, Ester
B-Twelve Assoc.
7015 Brighton Lane, South
Seattle, WA 98118

Kelly, Val
Raedeke Assoc.
Scientific Con.
5711 NE 63rd Street
Seattle, WA 98115

Kovalchik, Bud
U.S. Forest Service
765 Main Street
Colville, WA 99114

Lesher, Robin
U.S. Forest Service
21905 64th Avenue N.W.
Mountlake Terrace, WA 98043

Lightcap, Brian
U.S. Army Corps of Engineers
Portland District
P.O. Box 2946
Portland, OR 97208-2946

Marshall, John
U.S. Fish and Wildlife Service
Portland Field Office
2600 SE 98th Avenue, Suite 100
Portland, OR 97266

Maxwell, Cathy
HCR 78, Box 432
Naselle, WA 98638

Peter, David
Olympia, WA 98501

Pierce, John
USDA, Forest Service
Northern Region
200 E. Broadway
Missoula, MT 59809

Pointel, Marc
Bureau of Land Management
Tonopah, NV

Potash, Laura
U.S. Forest Service
21905 64th Avenue NW
Mountlake Terrace, WA 98043

Rosenberger, Karin
413 N. Brady Street
Bozeman, MT

Sayce, Kathleen
P.O. Box 91
Nahcotta, WA 98637

Sheldon, Dyanne
Sheldon Associates
5031 University Way N.E.
Number 5
Seattle, WA 98105

Stevens, Michelle
522 Oesk Drive
Davis, CA 95616