very few { Potamogeton pulcher
Myosotis laxa
Veronica scutellata

Glycerin in Carex feriscell
dumps throughout
+ 1000's over 1500 × 70 m
wetland

on small Eleocharis palustris
pen
one pond w/ Potamogeton natans
Mentha arvensis

~~small wetland SE of~~

(13) Railroad marsh again

UTM 10U 368310 5493229

pH 6.8 ppm 50

non point 9

(102)

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peat muck mostly to surface - some shallow w.

Juncus effusus

edge Scutellaria galericulata

Oenanthe sarmentosa

Lysichiton americanum

Mentha arvensis

Athyrium f.f.

Epilobium ciliatum

Galium trifidum

Equisetum arvense

Ranunculus flammula

Torreychiloa P.

Myosotis laxa

main cover

5% Typha latif

20 Carex obnupta

50% Carex stipatissima

10% Carex vesicaria

30 Torreychiloa P.

(103)

Marchantia polymorpha
Callitriche heterophylla
Nuphar polysepalum
Sparganium emersum
Carex aquatilis
Equisetum
Lemna minor
Juncus balticus
+ Juncus angustifolia
Glyceria occidentalis
Ludwigia palustris
Juncus ensifolius
Cicuta douglasii

(164)

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2nd very small fen above
(18) Railroad Marsh to SW

UTM 0003684 07 5492917

pH 4,7 von Post 4
40ppm

dom. Carex oligosperma 90%

fen overhang
pH 5 ≠ Plas

Carex exsiccata 5
Carex lasiocarpa 5
Dulichium ar. 2

+ Mentha arvensis
Scutellaria gal.
Toxicodendron r.
Scutellaria lateriflora

edg Pyrus fusca
Hypericum ascyroides
Agrostis scabra
Viola palustris

(105)

Veronica scutellata
Galium trifidum
Carex aurea
Sphagnum cole
scattered small Sph hummocks
along edge of around trees (Hw)
Oenanthe sarm.
Deliciadium arund.
Scirpus cyperinus in C. Sp, sect.

Graham Lake

UTM 0037247 5485964
pH 6.6 30 ppm

at Toto pond shoreline bands

Carex stramenea (Oenanthe s, Typha
Juncus effusus) →
Deliciadium (Teodinia p.

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Typha [illegible] edge, Potamogeton p.)

↓

Brasenia (Nuphar, Zizania aq)

additionally

Galium trifidum
Veronica scutellata
Lycopus uniflorus
Myosotis laxa
Lycodium am.
Mentha arvense
Lemna minor
Ranipa nast/aq
Spirea douglasii
Ludwigia palustris
Spirodela polyrhiz
Potamogeton epihydrus
Ranunculus aquatilis

lots of deep open water.

Tomey dilo parf.
Hypericum anagloides
Agrosti stolonifer
Ranunculus flammula

(107)

Carex interior
Myrica gale

high edge { Equisetum arv
Phalaris arund.

Carex (non canescens)

Cicuta douglasii

floating logs Carex leptalea
C. cusickii

calls ~~Carex pseudocyp~~
Juncus articulatus

Pulsatilla p.
Philonotis fo
J. ensifolius
Carex viridula
Juncus ~~angustifolius~~ acuminatus
Drosera rotundifolia
Mimulus moschatus

Nerd mix Scirpus acutus

Phalaris at higest end
mostly C. siechasis 70%
w/ mix of most of shore bend
spp.

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open water on edge of Brassenia

Potamogeton amplifolius

pond in end north

Utricularia vulgaris

Sparganium emersum

Potamogeton pusillus

Potamogeton ~~[illegible]~~ epihydrus

steep edge submerged

Ceratophyllum sp. coll

Potamog. pusill

P. amplif.

Sparganium floating only

on branches sticking up

Fontinalis sp.

central fen area dominated

by C. rostrata w/ 5% C. sitch.

& Glyceria's at sub edges

+ Brassenia

(109)

July 29/00 Ecological reserve

Transition to bottom of roll 2

0½ hrs UTM of SW corner of NW¼

667 → 685 796 → 818

10U 487 5402

new 022-09

100487770 5402944

July 30/00 Ecological Reserve

5½ hrs SE¼

revised UTM for compost

10U 488513 5402885

SE¼ NE corner revised UTM

310 891

10U 489313 5402891

Sept 3/00 ER NW¼

8 hrs cryptoselichen colls

+ some hepatics & mosses

110

DURA-Ply
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Sept 10/00 Ecological Reserve

4½ hrs SE ¼

bryophyte coll from road

Oct 14/00

NW ¼ ER

3 hrs

Oct 21/2000

SE ¼ ER 4 hrs

Oct 22/2000 SE ¼ ER 4 hrs

Nov 5/00 SE ¼ ER 3 hrs

Christmas Bird count
Dec 23/00

6 Oregon Junco ~~||||~~ |

3 Nuthatch |||

5 Winter Wren ~~||||~~

10 Chickadee ~~||||~~ ~~||||~~

5 Song Sparrow ~~||||~~

Brown Creeper

80 Pine Siskin ~80

28 Bald Eagle mar ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
~~||||~~ |||

1 Towhee |

20 Robin ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

DURA-Lite
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31 Crow 𝍸 𝍸 𝍸 𝍸 𝍸 𝍸 I

46 Bufflehead 25 𝍸 𝍸 𝍸 𝍸 𝍸 𝍸

30 Oystercatcher ||| 15, 12

1 Sandpiper sp | Turnstone

2 P. Gilemot ? ||

4 Marbled Murrelet ||||

4 Common sp |||| + ~20 add

2 Ringbilled Gull ||

2 Ad squaw |||

22 Barrows Goldeneye 62, 60, 81, 11, 10, ||||

3 California Gull |||

2 Common Murre ||

2 Pelagic Cormorant ||

4 Black Turnstone ||||

next day Winter Cover
Am Wigeon |||
1 Sapsucker |

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