

**Corvallis Natural Features Inventory
Wildlife Habitat Assessment**

Habitat Site Avery Park

Site #: S-1a

Score: 69

Enhanced Score: 71

Size(acres): 37.77 **Map:** S-1

Date: 9/6/02

Observers: BN

GPS Location: N 4933212 E 478043

Method: ONSITE

GENERAL CONDITIONS

Site: Avery Park

Weather: Sunny and warm.

Topography: Primarily floodplain, flat; some rises and swales.

Land Use: Public park; some developed and some undeveloped.

Habitat Alteration: Lawn and shrub beds, structures, parking; non-natives and invasives and wilder areas.

ASSESSMENT

Component	Degree			Score	Enhanced	Basis/Description
<u>Water</u>						
Quantity and Seasonality	None 0	Seasonal 4	Perennial 8	8		Marys River abuts about 60% of perimeter.
Quality	Low 0	Medium 4	High 8	8		Continually flushed, some summer stagnant stretches.
Proximity To Cover	Low 0	Nearby 4	Adjacent 8	7		Entire riparian area is forested.
Diversity (Types)	None 0	One 2	Two 4	Three+ 6	4	+1 Perennial (river) and seasonal (emergent and swales); deepen swales
<u>Food</u>						
Quantity and Seasonality	Low 0	Limited 4	Year Round 8	6	+1	Oregon white oak, Douglas-fir, ornamental trees/shrubs.
Variety	Low 0	Medium 4	High 8	6		
Proximity To Cover	None 0	Nearby 4	Adjacent 8	6		
<u>Cover</u>						
Structural Diversity	Low 0	Medium 4	High 8	4	+1	Some forest and "park lawn" areas lack shrub layer; plant shrubs
Variety and Seasonality	Low 0	Medium 4	High 8	4		Evergreen cover in tree layer only.
Nesting and Denning	Low 0	Limited 2	Year Round 4	2		Few logs and snags.
<u>Human Disturbance</u>						
Physical Alteration	High 0	Medium 2	Low 4	1		Most areas planted w/ park lawn/ shrubs; some wild areas w/ invasives.
Activity	Low 0	Medium 2	High 4	1		High near developed areas.
<u>Patch Size and Connectivity</u>						
Patch Size	Small 0	Medium 4	Large 8	2		No large patches within park, but adjacent riparian area is large.
Connectivity (Landscape)	Low 0	Medium 4	High 8	4		Good to south and west along riparian corridor.
Connectivity (Internal)	Low 0	Medium 2	High 4	2		Some wilder areas separated by park development.
<u>Unique Features</u>						
Habitat Type	None 0	Rare 4	Unique 8	2		Some medium oak, large Douglas-fir
Wildlife	None 0	Rare 4	Unique 8	2		W. Gray Squirrel

**Corvallis Natural Features Inventory
Wildlife Habitat Assessment**

Basin-Site# S-1a **Score:** 69 **Enhanced Score** 71 **Size(ac):** 37.77 **Map:** S-1

WILDLIFE OBSERVE	
Birds	Brown Creeper, Wes. Scrub-Jay, American Crow, American Robin, Black-capped Chickadee, Hutton's Vireo, Bewick's Wren, Red-breasted Nuthatch, Red-breasted Sapsucker, White-breasted Nuthatch, Cedar Waxwing, Pileated Woodpecker (excavations), Steller's Jay, Vaux's Swift, Turkey Vulture (flyover), Song Sparrow
Mammals	Western Gray Squirrel, California Ground Squirrel, Douglas Squirrel.
Reptiles	
Invertebrates	Common Wood Nymph
UNIQUE FEATURES	
Red-legged frog potential habitat - may breed in swale.	
LARGE WOOD FEATURES	
Few snags, mostly in riparian area (used by pileated woodpecker).	
OTHER HABITAT FEATURES	
None noted.	
HABITAT STRESSES	
Invasives. Human use often intense.	
RESTORATION OPPORTUNITIES	
Remove invasives; reduce lawn area; require dogs on leash.	

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 2.68
Site #: S-1a Subpolygon: A	Date: 9/6/2002	Observers: BN, PA
GPS Location: E478043; N4933212	Method: ONSITE	

Dominant Cover Type: Woody

ARA Type: 8 Hardwood forest >70% closed canopy

Other ARA Types: None

% of Total Cover **Trees:** 98 **Shrubs:** 1 **Herbs/Vines:** 1 **Bare:** 0

Trees:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90% >90%

% Invasive Cover: <10% 10%-50% 50%-90% >90%

% Native Cover: <10% 10%-50% 50%-90% >90%

Shrubs/Sapling:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90% >90%

% Invasive Cover: <10% 10%-50% 50%-90% >90%

% Native Cover: <10% 10%-50% 50%-90% >90%

Herbaceous:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90% >90%

% Invasive Cover: <10% 10%-50% 50%-90% >90%

% Native Cover: <10% 10%-50% 50%-90% >90%

Invasive cover is reed canarygrass, English ivy, creeping buttercup

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 4.83
Site #: S-1a Subpolygon B	Date: 9/6/2002	Observers: BN, PA
GPS Location: E478043; N4933212	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 11 Hardwood woodland 30-70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 30 Shrubs: 0 Herbs/Vines: 68 Bare: 2

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 5.21
Site #: S-1a Subpolygon: C	Date: 9/6/2002	Observers: BN, PA
GPS Location: E478043; N4933212	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 6 Conifer forest >70% closed canopy
Other ARA Types: None
% of Total Cover: Trees: 93 Shrubs: 4 Herbs/Vines: 3 Bare: 0

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Size: 5.21
Site #: S-1a Subpolygon C	Map: S-1

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: 5a, 5b

RTE Species Comment:

Other Factors

General Health/Condition: Young grand fir--many dead/dying.

Unique Features:

Restoration Potential

Recommended Actions: Restore understory.

Current Efforts:

COMMENTS

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 12.84
Site #: S-1a Subpolygon D	Date: 9/6/2002	Observers: BN, PA
GPS Location: E478043; N4933212	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 10 Mixed woodland 30-70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 20 Shrubs: 1 Herbs/Vines: 78 Bare: 1

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Size: 12.84
Site #: S-1a Subpolygon D	Map: S-1

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: _____

RTE Species Comment: Potential habitat for W. Gray Squirrel.

Other Factors

General Health/Condition: General health okay. Some Douglas-fir mortality and wind damage; small crowns/canopies.

Unique Features: None noted.

Restoration Potential

Recommended Actions: See Comments below.

Current Efforts: None noted.

COMMENTS Restoration could be considered within context of a habitat restoration and management plan.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 3.50
Site #: S-1a Subpolygon: E	Date: 9/6/2002	Observers: BN
GPS Location: N44.55268; W123.26901	Method: ONSITE	

Dominant Cover Type: Woody

ARA Type: 7 Mixed forest >70% closed canopy

Other ARA Types: None

% of Total Cover **Trees:** 80 **Shrubs:** 15 **Herbs/Vines:** 5 **Bare:** 0

Trees:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Size: 3.50
Site #: S-1a Subpolygon: E	Map: S-1

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: 5c, 5b

RTE Species Comment:

Other Factors

General Health/Condition: grand fir in decline; many dead/dying.

Unique Features: None noted.

Restoration Potential

Recommended Actions: Remove invasives and ornamentals.

Current Efforts: None noted.

COMMENTS Ornamentals invading are: Pyracantha, Cotoneaster, English hawthorn, English ivy, Portugal laurel, etc.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 5.31
Site #: S-1a Subpolygon: F	Date: 9/10/2002	Observers: DB
GPS Location: N44.55268; W123.26901	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 8 Hardwood forest >70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 80 Shrubs: 1 Herbs/Vines: 15 Bare: 4

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 0.79
Site #: S-1a Subpolygon: G	Date: 9/10/2002	Observers: DB
GPS Location: N44.55017; W123.26873	Method: OFFSITE	

Dominant Cover Type: Herbaceous
ARA Type: 22 Grass tall (ryegrass, meadow)
Other ARA Types: None
% of Total Cover **Trees:** 5 **Shrubs:** 10 **Herbs/Vines:** 85 **Bare:** 0

Trees:
Type:
Dominant Species:
Secondary Species:
Comments: Viewed from offsite; species undetermined.
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species:
Comments: Viewed from offsite; species undetermined.
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species:
Comments: Viewed from offsite; species undetermined.
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Size: 0.79
Site #: S-1a Subpolygon: G	Map: S-1

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: _____

RTE Species Comment: No potential habitat.

Other Factors

General Health/Condition: Appears to be a weedy fallow field.

Unique Features: None noted.

Restoration Potential

Recommended Actions: Restoration probably not feasible.

Current Efforts: None noted.

COMMENTS Viewed from offsite. Appears to be a fallow field. Very little is viewable.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Map: S-1	Size: 2.61
Site #: S-1a Subpolygon: H	Date: 9/10/2002	Observers: DB
GPS Location: N44.55017; W123.26873	Method: OFFSITE	

Dominant Cover Type: Woody

ARA Type: 8 Hardwood forest >70% closed canopy

Other ARA Types: None

% of Total Cover **Trees:** 95 **Shrubs:** 3 **Herbs/Vines:** 2 **Bare:** 0

Trees:

Type:

Dominant Species:

Secondary Species:

Comments:

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:

Type:

Dominant Species:

Secondary Species:

Comments:

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:

Dominant Species:

Secondary Species:

Comments:

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Avery Park	Size: 2.61
Site #: S-1a Subpolygon: H	Map: S-1

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: 5c

RTE Species Comment:

Other Factors

General Health/Condition: Undetermined.

Unique Features: Undetermined.

Restoration Potential

Recommended Actions: None

Current Efforts: None noted.

COMMENTS Viewed from offsite to east. Very little of this subpolygon visible.

**Corvallis Natural Features Inventory
Wildlife Habitat Assessment**

Habitat Site Willamette Park

Site #: S-2a

Score: 93

Enhanced Score: 97

Size(acres): 99.89 **Map:** S-4

Date: 8/30/02

Observers: DB

GPS Location:

Method: ONSITE

GENERAL CONDITIONS

Site: City Park. Riparian forest and lawn areas on 2-3 terraces.

Weather: Clear and cool.

Topography: Flat riparian terraces with channels, ponds, old gravel pits.

Land Use: Public park.

Habitat Alteration: Gravel extraction (north). Some areas developed for picnicking, sports fields, camping.

ASSESSMENT

Component	Degree			Score	Enhanced	Basis/Description
<u>Water</u>						
Quantity and Seasonality	None 0	Seasonal 4	Perennial 8	8		Willamette River, ponds, channels, small streams.
Quality	Low 0	Medium 4	High 8	6		River pollutants, some street runoff.
Proximity To Cover	Low 0	Nearby 4	Adjacent 8	8		Good cover adjacent to most water sources.
Diversity (Types)	None 0	One 2	Two 4	Three+ 6	6	River, several wetlands. Enhance degraded wetlands.
<u>Food</u>						
Quantity and Seasonality	Low 0	Limited 4	Year Round 8	7		
Variety	Low 0	Medium 4	High 8	8		Nuts, acorns, berries, seeds and willows.
Proximity To Cover	None 0	Nearby 4	Adjacent 8	7		
<u>Cover</u>						
Structural Diversity	Low 0	Medium 4	High 8	6		Good layering in many forest areas except in cottonwoods.
Variety and Seasonality	Low 0	Medium 4	High 8	6		Cavities, thickets, banks for burrows. Not much evergreen.
Nesting and Denning	Low 0	Limited 2	Year Round 4	3	+1	Lower portion flooded. Limited snags.
<u>Human Disturbance</u>						
Physical Alteration	High 0	Medium 2	Low 4	1	+2	Control weeds and restore natives.
Activity	Low 0	Medium 2	High 4	2		South end of park is heavily used.
<u>Patch Size and Connectivity</u>						
Patch Size	Small 0	Medium 4	Large 8	4		
Connectivity (Landscape)	Low 0	Medium 4	High 8	4		Willamette River on east. Residential and recreation to west.
Connectivity (Internal)	Low 0	Medium 2	High 4	4		Few roads and trails. Habitats fragmented in south.
<u>Unique Features</u>						
Habitat Type	None 0	Rare 4	Unique 8	7		Outstanding example of Maple-Oak forest.
Wildlife	None 0	Rare 4	Unique 8	6		

**Corvallis Natural Features Inventory
Wildlife Habitat Assessment**

Basin-Site# S-2a **Score:** 93 **Enhanced Score** 97 **Size(ac):** 99.89 **Map:** S-4

WILDLIFE OBSERVE	
Birds	American Crow, Western Wood-Pewee, American Robin, Killdeer, Black-capped Chickadee, Song Sparrow, Dark-eyed Junco, Spotted Towhee, Osprey, Belted Kingfisher, Great Blue Heron, Bushtit.
Mammals	Beaver (gnawing)
Reptiles	Bullfrog
Invertebrates	
UNIQUE FEATURES	
Maple-Oak forest with native (thin leaved peavine) understory in Subpolygon F.	
Purple Martin	
Bald Eagle (Willamette Park - see site at A)	
Olive-sided Flycatcher	
Willow Flycatcher	
LARGE WOOD FEATURES	
Logs and snags. Some large in subpolygons A, B, and F.	
OTHER HABITAT FEATURES	
Riparian forest-plentiful insects, nuts and berries, willows. Good songbird habitat. Perches for Bald Eagle, Osprey, hawks, Great Blue Heron. Pond are-potential habitat for frogs and Western Pond Turtle.	
HABITAT STRESSES	
Invasives (Himalayan blackberry, English hawthorn, English ivy, reed canarygrass). Control.	
RESTORATION OPPORTUNITIES	
Park users, dogs, frisbee golfers. Educate. Limit access to sensitive areas.	

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 13.69
Site #: S-2a Subpolygon: A	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody

ARA Type: 8 Hardwood forest >70% closed canopy

Other ARA Types: Emergent wetland or pond (water year-round)

% of Total Cover **Trees:** 70 **Shrubs:** 15 **Herbs/Vines:** 10 **Bare:** 5

Trees:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 13.69
Site #: S-2a Subpolygon A	Map: S-4

Rare, Threatened, or Endangered (RTE) Species	
ORNHIC Plant Community:	<input checked="" type="radio"/> None Noted <input type="radio"/> Listed Community Noted
ORNHIC Database:	<input type="radio"/> No Record <input checked="" type="radio"/> Documented Record
RTE Species Observed:	RTE Potential Habitat: 5c; bald eagle,
RTE Species Comment: Wolffia columbiana (ORNHIC reference).	

Other Factors	
General Health/Condition:	Reed canarygrass (north end) and Himalayan blackberry have impacted understory, but some areas still native dominated.
Unique Features:	Native understory vegetation, ponds.

Restoration Potential	
Recommended Actions:	Control invasives. Reed canarygrass control probably not feasible. Himalayan blackberry control should be undertaken.
Current Efforts:	None noted.

COMMENTS Black Cottonwood forest. Northern portion was used for gravel extraction long ago. Disturbance resulted in reed canary grass invasion, so much of understory is 100% reed canary grass. Southern portion has rich shrub and herb layer with native dominated areas, though Himalayan blackberry forms dense thickets.
Reference: Willamette Park Wetland Determination and Habitat Study for Corvallis Parks and Recreation (Pacific Wildlife Research, Salix Associates, Loverna Wilson, 2002) contains community descriptions, species lists, documented rare species, wildlife species potentially using habitats, etc.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 23.67
Site #: S-2a Subpolygon: B	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 8 Hardwood forest >70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 94 Shrubs: 3 Herbs/Vines: 3 Bare: 0

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 8.14
Site #: S-2a Subpolygon C	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 11 Hardwood woodland 30-70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 40 Shrubs: 5 Herbs/Vines: 55 Bare: 0

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 6.03
Site #: S-2a Subpolygon: D	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 11 Hardwood woodland 30-70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 40 Shrubs: 5 Herbs/Vines: 55 Bare: 0

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 6.03
Site #: S-2a Subpolygon D	Map: S-4

Rare, Threatened, or Endangered (RTE) Species	
ORNHIC Plant Community: <input checked="" type="radio"/> None Noted <input type="radio"/> Listed Community Noted	
ORNHIC Database: <input type="radio"/> No Record <input checked="" type="radio"/> Documented Record	
RTE Species Observed: Howell's montia	RTE Potential Habitat:
RTE Species Comment: Howell's montia documented in Willamette Park Wetland Determination and Habitat Study (2002).	

Other Factors	
General Health/Condition: Trees okay. Understory dominated by introduced grasses, but with some native wildflowers.	
Unique Features:	None noted.

Restoration Potential	
Recommended Actions:	Adjust mowing regime to favor native herbs. Himalayan blackberry control. Educate and control Frisbee golfers to avoid native wildflower patches.
Current Efforts:	Ongoing Himalayan blackberry control.

COMMENTS Open deciduous woodland at Frisbee golf course. Contains patches of native wildflowers. Much of course was reclaimed from dense Himalayan blackberry thickets. Portions are heavily trampled by golfers.

Reference: Willamette Park Wetland Determination and Habitat Study, 2002.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 15.92
Site #: S-2a Subpolygon: E	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 11 Hardwood woodland 30-70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 70 Shrubs: 15 Herbs/Vines: 15 Bare: 0

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 15.92
Site #: S-2a Subpolygon E	Map: S-4

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: _____

RTE Species Comment: _____

Other Factors

General Health/Condition: Trees okay. Understory badly infested with invasives--reed canarygrass, Himalayan blackberry.

Unique Features: None noted.

Restoration Potential

Recommended Actions: Control invasives; replace with natives.

Current Efforts: None noted.

COMMENTS Oregon Ash woodland in a wetland swale.

Reference: Willamette Park Wetland Determination and Habitat Study, 2002.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 20.93
Site #: S-2a Subpolygon: F	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody
ARA Type: 8 Hardwood forest >70% closed canopy
Other ARA Types: None
% of Total Cover Trees: 92 Shrubs: 6 Herbs/Vines: 2 Bare: 0

Trees:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 20.93
Site #: S-2a Subpolygon: F	Map: S-4

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: Thin leaved peavine RTE Potential Habitat:

RTE Species Comment: Thin leaved peavine documented by Willamette Park Wetland Determination and Habitat Study (2002)--2 populations.

Other Factors

General Health/Condition: Excellent. Rich native understory.

Unique Features: Intact hardwood forest with native understory. Rare plant populations: thin leaved peavine.

Restoration Potential

Recommended Actions: Control invasives: English ivy, Himalayan blackberry, falsebrome, herb Robert, English hawthorn. Yard debris has been dumped near campground host's residence, source of herb Robert and other invasives. Should be removed and

Current Efforts: None noted.

COMMENTS Outstanding example of native hardwood forest. Minor infestations of invasives. Should be maintained and protected from disturbance. Remove Douglas-fir from understory to protect oaks and maintain habitat conditions. Understory is weedier north of park boundary, however there are still areas with natives intact, which would benefit from weed control efforts.

Reference: Willamette Park Wetland Determination and Habitat Study, 2002. 2 populations of thin leaved peavine documented by Willamette Park report located at edge of upper terrace. Entire subpolygon has suitable habitat for this rare species.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 1.74
Site #: S-2a Subpolygon: G	Date: 8/30/2002	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody

ARA Type: 11 Hardwood woodland 30-70% closed canopy

Other ARA Types: None

% of Total Cover **Trees:** 70 **Shrubs:** 0 **Herbs/Vines:** 30 **Bare:** 0

Trees:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 1.74
Site #: S-2a Subpolygon G	Map: S-4

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: _____

RTE Species Comment: Potential habitat for Enemion.

Other Factors

General Health/Condition: Trees okay. Understory is mowed lawn.

Unique Features: None noted.

Restoration Potential

Recommended Actions: Plant native trees and shrubs rather than non-native ornamentals.

Current Efforts: None noted.

COMMENTS Picnic area at Willamette Park. A few native plant species around trees and in lawn.

Sparsely vegetated areas are potential habitat for *Enemion stipitatum*. Reference: Willamette Park Wetland Determination and Habitat Study, 2002.

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 3.32
Site #: S-2a Subpolygon: H	Date: 5/5/2003	Observers: DB
GPS Location: ONSITE	Method: ONSITE	

Dominant Cover Type: Bare
ARA Type: 27 Pond
Other ARA Types:
% of Total Cover Trees: 5 Shrubs: 5 Herbs/Vines: 5 Bare: 85

Trees:
Type:
Dominant Species:
Secondary Species: Comments:
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:
Type:
Dominant Species:
Secondary Species: Comments:
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:
Dominant Species:
Secondary Species: Comments:
% Total Cover: <10% 10%-50% 50%-90 >90%
% Invasive Cover: <10% 10%-50% 50%-90 >90%
% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 3.32
Site #: S-2a Subpolygon: H	Map: S-4

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: _____

RTE Species Comment: _____

Other Factors

General Health/Condition: Okay. No significant pollution sources, except for possible ag run-off or storm drain outfall.

Unique Features: Perennial pond surrounded by hardwood forest. Adequate logs to provide turtle basking habitat.

Restoration Potential

Recommended Actions: Determine if turtles are present. If so, protect from predators.

Current Efforts: None noted.

COMMENTS

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Map: S-4	Size: 8.93
Site #: S-2a Subpolygon: I	Date: 8/5/2003	Observers: DB
GPS Location:	Method: ONSITE	

Dominant Cover Type: Woody

ARA Type: 9 Conifer Woodland 30-70% closed canopy

Other ARA Types: None

% of Total Cover **Trees:** 40 **Shrubs:** 2 **Herbs/Vines:** 58 **Bare:** 0

Trees:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Shrubs/Sapling:

Type:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

Herbaceous:

Dominant Species:

Secondary Species: **Comments:**

% Total Cover: <10% 10%-50% 50%-90 >90%

% Invasive Cover: <10% 10%-50% 50%-90 >90%

% Native Cover: <10% 10%-50% 50%-90 >90%

**Corvallis Natural Features Inventory
Vegetation Subpolygon**

Habitat Site: Willamette Park	Size: 8.93
Site #: S-2a Subpolygon I	Map: S-4

Rare, Threatened, or Endangered (RTE) Species

ORNHIC Plant Community: None Noted Listed Community Noted

ORNHIC Database: No Record Documented Record

RTE Species Observed: _____ RTE Potential Habitat: _____

RTE Species Comment: _____

Other Factors

General Health/Condition: Planted Douglas fir are in good health. No recruitment due to mowing. Understory is non-native.

Unique Features: None noted.

Restoration Potential

Recommended Actions: None noted.

Current Efforts: None noted.

COMMENTS Flat terrace with young (30yr old) Douglas fir interspersed with grassy meadow openings (dominated by non-native grasses). Non-native confirs planted along south and east edges. 2 large (4ft diameter) Douglas fir.