

## Winter Twig Identification

When the leaves are missing, what can you rely on to identify our common deciduous trees and shrubs? Learn the characteristics of twigs, bark and fruit that distinguish salmonberry from ocean spray and alder from ash. This class begins indoors and then ventures outside where you can put your new-found knowledge to the test – in a fun way! 12 years - Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |     |          |
|-------|-----|-----|----------|
| 53292 | Sat | 1/7 | 1 - 4 pm |
|-------|-----|-----|----------|

Free, Pre-Registration required.

## PNW Geology I, II, III

Pacific Northwest geology is unique and fascinating. Nowhere else can you find the diversity of landscapes found in Oregon and Washington. In a series of evening classes learn about our rich volcanic history, “recent” events like the great Ice Age Floods that sculpted our region and future events in store for us as part of the Cascadia subduction zone. Taught in non-technical “down-to-earth” language, you can take the whole series or drop-in for the ones that interest you most. 12 years - Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |      |             |
|-------|-----|------|-------------|
| 53293 | Wed | 1/18 | 7 - 8:30 pm |
|-------|-----|------|-------------|

|       |     |      |             |
|-------|-----|------|-------------|
| 53294 | Wed | 2/22 | 7 - 8:30 pm |
|-------|-----|------|-------------|

|       |     |      |             |
|-------|-----|------|-------------|
| 53295 | Wed | 3/22 | 7 - 8:30 pm |
|-------|-----|------|-------------|

\$5 Resident, \$10 Non-Resident

## How to Identify Gulls

There is no such thing as a “seagull” and yet there are more species of Gulls than you think. Learn how to separate them out with the help of bird expert John Rakestraw. Learn the characteristics of plumage, leg color, bill and body size that distinguish the almost one dozen species of Gulls found in Oregon during winter. Class includes a field trip by carpool. 16 - Adult.

Jackson Bottom Wetlands Education Center

John Rakestraw

|       |     |      |              |
|-------|-----|------|--------------|
| 53296 | Sat | 1/21 | 9 am - 12 pm |
|-------|-----|------|--------------|

\$18 Resident, \$25 Non-Resident

## Owls Rule the Night

Owls! The night-time birds of prey. Owls have amazing adaptations that allow them to rule the night, communicate with one another and occupy a variety of habitats. With fifteen species occurring in Oregon chances are there is an owl living near you! Learn which ones are common, rare, big and small. 12 - Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |      |             |
|-------|-----|------|-------------|
| 53297 | Wed | 1/25 | 7 - 8:30 pm |
|-------|-----|------|-------------|

\$5 Resident, \$10 Non-Resident

## Owling Field Trip

Venture forth into the night to listen for and spot local owls. We begin near dusk and continue until after dark in search of several species such as Pygmy, Saw-whet, Great-horned, Barred and Short-eared owl. Participants travel by carpool to Washington County sites. Meeting place to be announced. 12 - Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |      |          |
|-------|-----|------|----------|
| 53298 | Sat | 1/28 | 4 - 8 pm |
|-------|-----|------|----------|

\$18 Resident, \$25 Non-Resident

## Introduction to Mason Bees

Learn the basics of mason bees. These solitary bees are very docile and are excellent early spring pollinators. Mason bees are far more efficient at pollination than honey bees. This class is designed to provide an understanding of the mason bee, its needs, and its usefulness. It provides the information necessary to advance into learning how to raise mason bees. 12 — Adult.

Jackson Bottom Wetlands Education Center

Ron Spendal

|       |     |     |          |
|-------|-----|-----|----------|
| 53299 | Sat | 2/4 | 1 - 3 pm |
|-------|-----|-----|----------|

Free, Pre-Registration required.

## Cranes & Eagles of Sauvie Island

Two of the largest birds around are plentiful and easy to observe on Sauvie Island, where the Willamette and Columbia Rivers meet. Sandhill Cranes and Bald Eagles congregate here during the winter, as do many species of waterfowl that we are also likely to see. Transportation is provided for this guided wildlife tour. We depart from the Fairgrounds MAX station where you can arrive by train, bus or park your car. 12 — Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |      |              |
|-------|-----|------|--------------|
| 53300 | Sat | 2/18 | 10 am - 3 pm |
|-------|-----|------|--------------|

\$30 Resident, \$45 Non-Resident

## Raising Mason Bees

Mason bees are easy and interesting to raise. Nesting needs and options will be presented as well as the care of the bee during their life cycle. Following some simple guidelines you will be able to start, grow and maintain a mason bee population for pollinating your garden and landscape. 12 - Adult

Jackson Bottom Wetlands Education Center

Ron Spendal

|       |     |     |          |
|-------|-----|-----|----------|
| 53301 | Sat | 3/4 | 1 - 3 pm |
|-------|-----|-----|----------|

Free. Pre-Registration required.

## Get Started Watching Birds

Colorful, musical and always nearby, birds can teach you so much about the world around you once you begin to really notice them. This class shows you how to engage in this healthy pastime by introducing you to the tools, information and behaviors of a birdwatcher. Instructor Laura Whittemore has introduced hundreds of people to the fascinating world of birds with her enthusiastic and patient guidance. An indoor session is followed by a field trip into the Preserve. Binoculars provided. 16 - Adult.

Jackson Bottom Wetlands Education Center

Laura Whittemore

|       |     |      |              |
|-------|-----|------|--------------|
| 53529 | Sun | 3/12 | 10 am - 1 pm |
|-------|-----|------|--------------|

\$18 Resident, \$25 Non-Resident

## Animal Tracking 101

What would it be like to be able to read the ground as if it were a newspaper, full of the comings and goings of the wildlife around you? This class shows you how to start understanding the many signs animals leave behind, telling us about the who, what, when, where and why of their secretive lives. 10 - Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |     |          |
|-------|-----|-----|----------|
| 53530 | Sat | 4/1 | 1 - 3 pm |
|-------|-----|-----|----------|

Free, Pre-Registration required.

## Field Sketching

Every person who enjoys the outdoors can benefit from this class taught by local artist/teacher, Alice Hill. Learn to see the world in a different way through attention to details, patterns and relationships in nature and capture what you see in a sketchbook journal. Only a few materials are needed to record your outdoor adventures in quick lines, colors, and notes. Material list provided. 16 — Adult.

Jackson Bottom Wetlands Education Center

Alice Hill

|       |     |     |          |
|-------|-----|-----|----------|
| 53531 | Sat | 4/8 | 1 - 4 pm |
|-------|-----|-----|----------|

\$22 Resident, \$30 Non-Resident

## Nesting Birds of Jackson Bottom

Bald Eagle, Osprey and Great Blue Heron all nest and raise their young at Jackson Bottom Wetlands Preserve. This class introduces you to the life-styles of each of these species and includes a walk of about two miles to view the birds at their nest sites. 12 - Adult.

Jackson Bottom Wetlands Education Center

Steve Engel

|       |     |      |          |
|-------|-----|------|----------|
| 53532 | Sat | 4/22 | 1 - 4 pm |
|-------|-----|------|----------|

\$10 Resident, \$15 Non-Resident

## Birding by Ear

Learn to identify birds by their songs in Laura Whittemore’s locally famous “Birding by Ear” class. Tune up your ears with an indoor presentation then go outside to listen carefully to the songs and calls around us. Learn how to listen, how to find singing birds, which sounds males and females make, and how to make those sounds stick so you recognize them again. April class focuses on resident species. May focuses on migrant species. 16 - Adult.

Jackson Bottom Wetlands Education Center

Laura Whittemore

|       |     |      |              |
|-------|-----|------|--------------|
| 53533 | Sat | 4/29 | 10 am - 1 pm |
|-------|-----|------|--------------|

|       |     |      |              |
|-------|-----|------|--------------|
| 53534 | Sun | 5/21 | 10 am - 1 pm |
|-------|-----|------|--------------|

\$18 Resident, \$25 Non-Resident

## How to Register:

- Call Registration Line at 503-681-5397
- Register online at [Hillsboro-Oregon.gov/ParksRec](https://Hillsboro-Oregon.gov/ParksRec)
- Register in person at:
  - Jackson Bottom Wetlands Preserve
  - Parks & Recreation Administration (4400 NW 229th Ave)
  - SHARC (953 SE Maple St)
  - Walters Cultural Arts Center (527 E Main St)
  - Hillsboro Community Senior Center (750 SE 8th Ave)
- Questions? Contact Steve Engel at 503-681-6283