

Brice Creek

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by providing visual cues, much the way lights on a runway guide airplane pilots. In this way, the insect gets the food it needs and the flower gets pollinated; both parties benefit.

Nectar guides come in a variety of patterns: lines, dots, dashes and bull's eyes. Some are visible to the human eye and some can only be seen by bees and butterflies. Flowers reflect ultraviolet light, which is out of the range of human vision but completely visible to many insects. A flower that appears yellow or white to us may look bright blue to a bee. Some flowers reflect light in a way that creates a glowing blue halo around the blossom, an effect that attracts pollinators but remains unseen by us. In fact, bumblebees are so sensitive to floral cues that they can detect the slight static electricity emitted by a flower's petals. The weak electrical charge pulls on a bumblebee's hairs, drawing them in to forage.

The trail leads us up a rise to a natural terrace above the creek. A long stem with heavily veined leaves leans across our path; a pyramid-shaped cluster of tiny white flowers presents itself to all who pass by: the unmistakable bloom of false Solomon's seal. I lean over to smell its heavenly fragrance. This sweet perfume is another way that flowers attract and assist pollinators. Floral scent is a complex mix of chemical compounds created within the petals. Pollinating insects use scent to distinguish between different plant species and between individual flowers within a single species. A flower's scent is strongest when it is ready for pollination and diminishes after it has been pollinated; the decrease in olfactory clues sends insects to flowers whose stronger aroma promises a maximum nectar supply. When bumblebees return to the colony, they carry the aroma of nectar-rich flowers with them, letting their sister workers know where to forage next. My companions and I each take another deep inhalation of floral perfume and then hike on.

Our trail traverses a wooded hillside high above the creek. The slope is a scene of mass destruction: hundreds of old-growth trees toppled in a severe 2019 winter storm lie in jumbles above and below the path. Giant root-wads still stand upside down where their falling trunks jerked them from the saturated soil. The fallen trees left gaps in the forest canopy, allowing sunlight to stream down to the forest floor, where young sun-hungry conifer seedlings and flowering plants grow rapidly with the infusion of light.

The February storm dumped 19 inches of heavy wet snow on Eugene; downed trees closed major highways for over a week and decimated local trails like this one along Brice Creek. When spring arrived that year, volunteer trail crews cut logs and restored trail tread. We owe a debt of gratitude to these trail angels for their work reopening our beloved hiking paths.

Walking ahead of the group, I arrive at a long foot-bridge spanning Brice Creek. As I wait for my friends to catch up, I scan the forest floor for tiny wildflowers and find a treasure: the western fairy slipper, also

If you go

Directions: From I-5 at Cottage Grove (Exit 174), drive east on Row River Road for 19.4 miles to the junction of Layng Creek Road #17 and Brice Creek Road #2470. Turn right on Brice Creek Road and drive 3.3 miles to the West Brice Creek Trailhead on the right. The trail starts across the road from the parking lot.

Best month: May and June

Length: 3.5 to 11.0 miles roundtrip, depending on how far you choose to hike

Duration: 2 to 6 hours

Elevation gain: 200 – 500 feet

Age range: suitable for kids 8 years old and up

known as Calypso orchid. It's the most exquisite wild-flower in the Pacific Northwest woods. Five slender magenta petals splay outward from atop a purple stem no more than two inches high. A white slipper-shaped pouch, speckled with pink dots, hangs below the petals. The interior of the slipper is dark red with thin white stripes. Tiny white hairs line the lip of the slipper's opening.

This little nymph never fails to take my breath away; on hands and knees I sniff the delicate scent of vanilla and study its intricate details. The small orchid is equipped with all the cues – bright colors, nectar guides, enticing scent – to attract insects to sample its nectar, but it's all an elaborate ruse to trick inexperienced pollinators. The fairy slipper actually has no nectar at all. When a naïve insect visits a fairy slipper, it crawls all over the blossom searching for the expected nectar reward. Finding none, it will fly on to the next fairy slipper and search in vain for its nectar. It might visit a third and fourth blossom before finally wising up to the deception, but by that time pollination has occurred and the fairy slippers have accomplished their mission.

Once the fairy slipper has produced seeds, it relies on another organism, a fungus, to help the seeds germinate and grow. Orchid seeds are the smallest of all flowering plants; each one is about the size of a speck of dust. A seed this tiny has no room for stored food to sustain the developing plant. When an orchid seed hits the ground, it only has enough energy to send out a single miniscule root. If a compatible fungus exists in the soil, the fungus will connect its root-like filaments to the fairy slipper's root to provide carbon, nitrogen, phosphorus and water to the embryonic orchid. Later, when the fairy slipper has grown strong, it will return the favor to the patient fungus by giving it carbohydrates produced by photosynthesis in its solitary leaf.

I share my discovery with my hiking buddies and soon we are all lying on the moist forest floor, iPhone cameras in hand, trying to capture the beauty of this tiny flower. On the hike back we joyfully greet each flower we discovered on the way in, reveling in the childlike joy that only a day spent with wildflowers can bring.

Pandemic

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and education environment transitioning into the digital world, it's important to be able to communicate and collaborate effectively using online tools such as video conferencing.

Problem solving and critical thinking. Complex problem solving and critical thinking allow students and employees to pinpoint challenges, and find solutions. The pandemic pointed out the value of innovating and acting quickly in unpredictable situations.

Social and emotional inner strength. Companies and schools are encouraging employees and students to have professional resilience and adaptability. They desire self-motivated individuals willing to grow and be able to bounce back from adversity.

As we all well know, these last two graduating classes had to face an enormous amount of change and uncertainty. However, after witnessing their strength and resilience, I know that these young adults would rather be known for their ability to adapt and determination to succeed. Now those are skills any company or college is certainly looking for in new applicants!

Victoria Neer is a Willamette Connections Academy Senior Advisor. Willamette Connections Academy is now enrolling for the 2021-22 academic year. To learn more about the school or to begin the enrollment process visit www.WillametteConnectionsAcademy.com or call 888-478-9474.

Loyalty

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yourself, get plenty of rest and practice habits for good health.

- **Be charitable** – make it known that your customers are special to you and your business.
- **Be patient** – things take time. You want to build a business, not just a financial machine.
- **Be faithful** – remain steadfast and be consistent in all you do.

This list is challenging. But what an awesome opportunity this pandemic has offered us. We get to get real, with ourselves and our business.

As Brené Brown quotes in her book *Dare to Lead*, "It turns out that trust is in fact earned in the smallest of moments. It is earned not through heroic deeds, or even highly visible actions, but through paying attention, listening, and gestures of genuine care and connection."

Can we run a business in this way? Listening and paying more detailed attention to business behaviors - in love. Showing kindness and clarity within each communion and interaction we make. Together we can create a loyal place that feels like home - no matter what the economic outcome of what rainy days and a pandemic may bring.

Need help with your business? Want to hear more tips on how to improve your customer loyalty? To learn more and to connect with a business adviser, visit the Oregon SBDC website at <https://oregonsbdc.org> and find your local center.

Sarah Whitney is the Business Adviser at the Chemeketa Small Business Development Center. The Small-Business Adviser column is produced by the Center. Questions can be submitted to SBDC@chemeketa.edu or call (503) 399-5088.

Public Notices

PUBLIC NOTICE NOTICE OF PUBLIC HEARING

Review Body: Planning Commission
Hearing Date & Time: July 13, 2021, 7:00 p.m.

Hearing Location: Silverton High School Library 1456 Pine Street with a Teleconference option via Zoom with a telephone call in number. Masks required in the Library and occupancy may be limited.

The instructions to listen to or virtually attend the meeting will be included in the Planning Commission meeting agenda which will be posted on the City's website and outside of City Hall, 306 S Water Street, on July 5, 2021. This will include a hyperlink to the meeting and a call in number to participate by telephone.

Agenda Item #1: File Number SU-21-01. Subdivision application request to divide a 5.15 acre parcel in the 500 block of Eureka Avenue (Marion County Assessor's Map and Tax Lot 071W03A 00600) into 22 lots. The site contains a total area of 5.15 acres and will be divided into 22 lots ranging in size from 6,345 square feet to 18,949 square feet for an overall density of 4.27 units per acre. The application will be reviewed following the criteria found in Silverton Development Code section 4.3.140.

Failure of an issue to be raised in a hearing, in person or by letter, or failure to provide enough detail to afford the decision maker an opportunity to respond precludes appeal to LUBA based on that issue. Additional information and/or review of this application, including all documents and evidence submitted, may be obtained at Silverton City Hall, 306 South Water Street by telephoning Jason Gottgetreu at (503) 874-2212. Copies of the staff report will be available seven (7) days prior to the public hearing and are available for review at no cost at City Hall by appointment, a copy can be provided on request at a reasonable cost.

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PUBLIC NOTICES

Public Notices are published by the Statesman Journal and available online at www.StatesmanJournal.com. The Statesman Journal lobby is open Monday - Friday from 8 a.m. to 5 p.m. You can reach them by phone at 503-399-6789. In order to receive a quote for a public notice you must e-mail your copy to SJLegals@StatesmanJournal.com, and our Legal Clerk will return a proposal with cost, publication date(s), and a preview of the ad.

LEGAL/PUBLIC NOTICE DEADLINES

All Legals Deadline @ 1:00 p.m. on all days listed below:
***All Deadlines are subject to change when there is a Holiday.

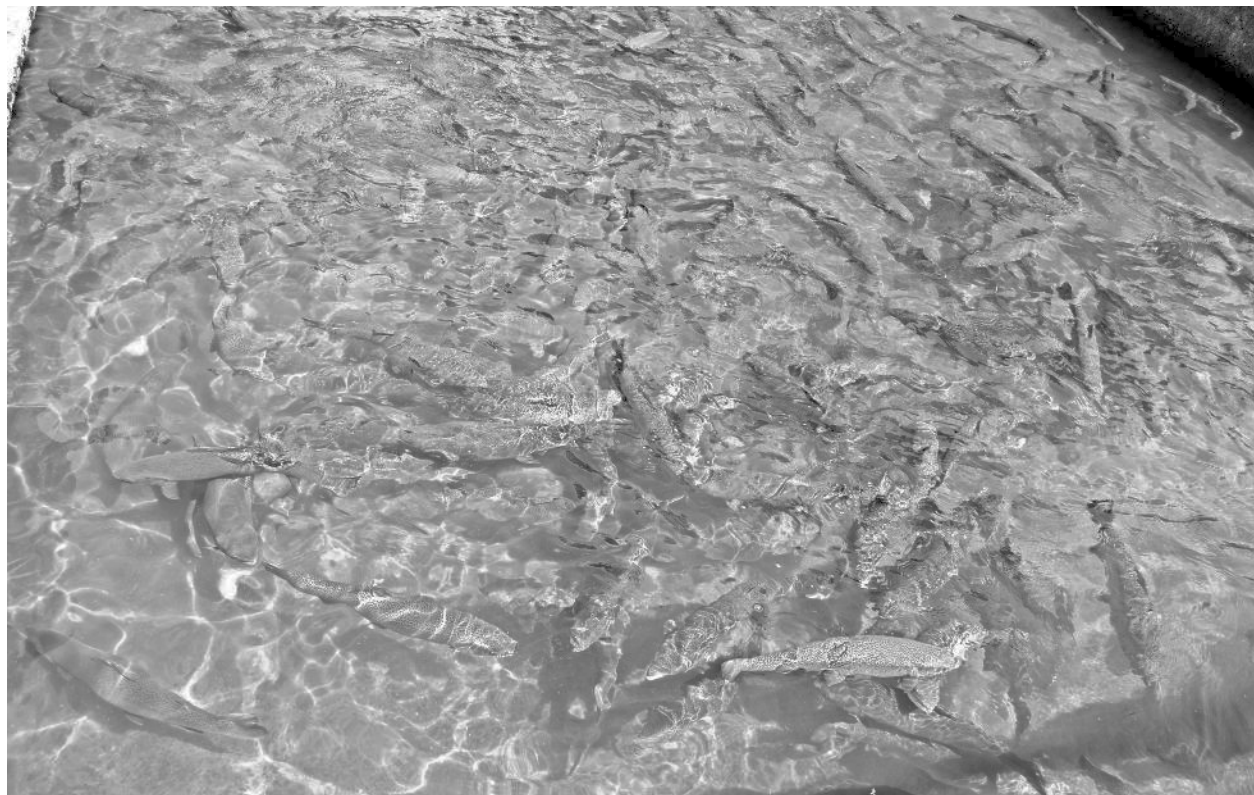
The Silverton Appeal Tribune is a one day a week (Wednesday) only publication

- Wednesday publication deadlines the Wednesday prior

LEGAL/PUBLIC NOTICE RATES

Silverton Appeal Tribune:
• Wednesdays only - \$12.15/per inch/per time
• Online Fee - \$21.00 per time

- Affidavit Fee - \$10.00 per Affidavit requested



Brood rainbow trout such as these behemoths at Roaring River are one reason a kid can get hooked on hatchery visits. HENRY MILLER/SPECIAL TO THE STATESMAN JOURNAL

Miller

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There is no admission charge to visit, other than putting a quarter or two into the dispensers, turning the handle, and getting a handful of pellets to toss to the eager occupants that crowd close when they see tourists at the vending machines.

On a personal note, I got hooked (pun intended) on hatchery visits as a kid at a trout hatchery in Arizona and, no kidding, a catfish farm in Missouri during a pilgrimage to Mark Twain's childhood home in Hannibal.

A catfish as long as my leg. Great stuff, and memorable family adventures.

As an aside, hatchery fish-watching has some of the same appeals as actual fishing in that hatcheries are found in places that fish favor.

Hatcheries tend to be in some pretty great locations.

Take Roaring River, a longtime fave of mine that I visited on Monday to get pictures for the column.

You drive through some pretty appealing farm country and even cross the historic Larwood covered bridge and past Roaring River Park, a Linn County Parks & Recreation Department gem, to get there. Check out the park online at Roaring River | Linn County Parks & Recreation (linnparks.com)

Other attractions include crossing dams to get to hatcheries such as Foster Dam en route to the South Santiam Hatchery just east of Sweet Home and Leaburg Dam on the McKenzie east of Eugene.

And if you're there at the right time, you can watch salmon and steelhead come out of the Salmon River into the namesake hatchery near Otis or into the Cedar Creek Hatchery on Three Rivers east of Hebo.

As I said, it's all great stuff and perfect for a family outing.

For information online about Fish and Wildlife hatcheries, including links to directions, go to Visit ODFW Hatcheries | Oregon Department of Fish & Wildlife (myodfw.com)

This week's highlights

Item 1, Better and better: Shad counts through the fish ladder at Bonneville Dam on the Columbia River passed 200,000 a day on June 16, with a high, so far, of 301,436 on June 17.

So a visit to Clackamette Park in Oregon City should be on your to-do list. For updates on Bonneville counts online, go to 7 Day and YTD Adult Counts (fpc.org) Clackamette Park information is online at Clackamette Park | City of Oregon City (orcity.org).

The original column that I wrote about shad fishing also is online at the SJ website at Henry Miller: Cottonwood fluff is falling, so it must be time for shad (statesmanjournal.com)

Item 2: Last shot for shovel action in June: It's not too late to cash in on the tail end of one of the best tide series of the year, which runs mornings through Monday, June 28. You can look up the times and tides for the hot spots on the coast online at Tide Location Selection for Oregon (saltwatertides.com)

And, as always, be sure to check before heading out by calling the Oregon Department of Agriculture's toll-free shellfish biotoxin hotline at (800) 448-2474 or go online to the State of Oregon: Shellfish - Recreational Shellfish Biototoxin Closures

Quote of the week: From the recent obituary in the New York Times for Leigh Perkins, the owner of Orvis, on the main reason to go fishing. "To enjoy yourself. Anything that distracts from enjoying yourself is to be avoided."

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