

IT'S OUR FAULT

The OWL puzzle

Ellen Morris Bishop
Wallowa County Chieftain

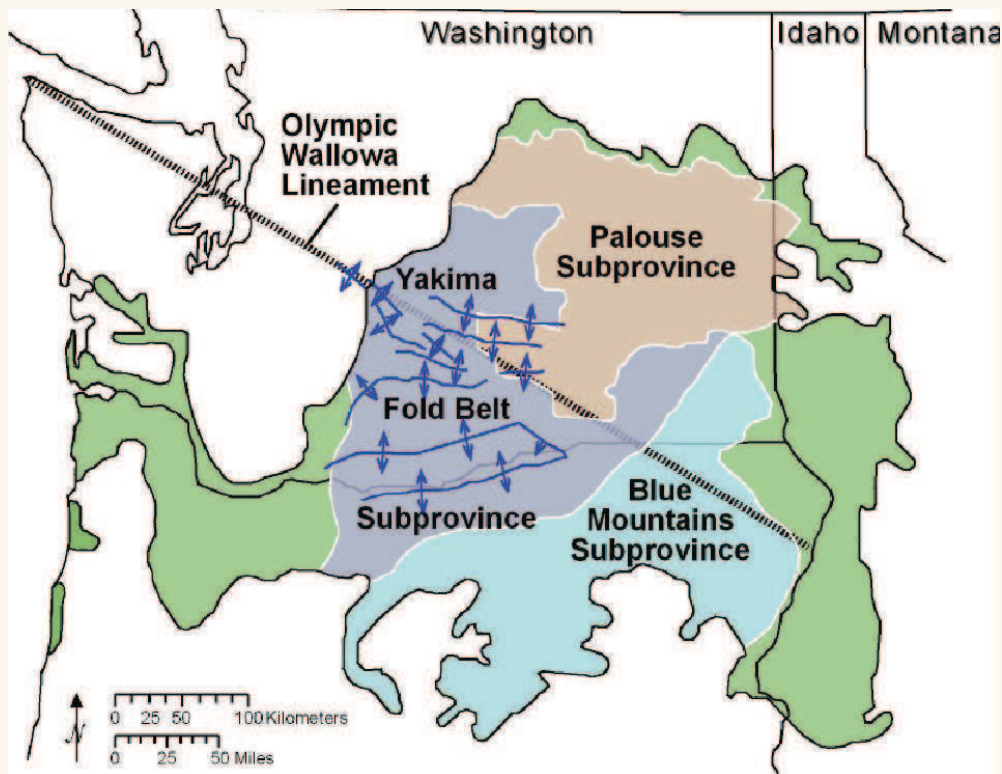
If you look at a topographic map of the Pacific Northwest, you are likely to notice an odd alignment of topographic features that seems to start with the Wallowa Fault on the northeast side of the Wallowa Mountains, and runs diagonally across Oregon and Washington to the Olympic Peninsula.

Known as the Olympic-Wallowa Lineament, or OWL, it was first noticed by a map-maker Edwin Raisz in 1945. In geology, where there's a straight line, there's often a fault. In this case, it would be a big one.

So geologists have for years puzzled over the meaning and origin of the OWL. One idea was that it is a major, and possibly active, strike-slip

fault — a fault that moved rocks horizontally, with little vertical motion. The other was that it marked a thrust-fault — the kind of fault that shoved, or thrusts, one set of rocks up and over another. In the case of the OWL, it seemed to mark the northern end of the folds that produce those big ridges you drive across between Kennewick and Yakima and Ellensburg.

Now the mystery may be solved. It's not a strike-slip fault. It's a thrust fault that has shoved those folds (aka — big ridges) northwestward. In a paper presented at the Geological Society of America meeting in Portland May 16, Stephen Riedel of Washington State University and his co-authors concluded that the OWL is a thrust fault — but one that likely has not been very active (we hope) since about 10-12 million years ago.



The Olympic Wallowa Lineament (OWL) is a relatively inactive thrust fault that begins in the Wallowas and crosses Washington to the Olympic Peninsula.

Dr. Liz Powers honored as Family Physician of the Year

Liz Powers, MD, FAAFP, a family physician from Enterprise, was awarded the Oregon Academy of Family Physicians' Family Doctor of the Year award on May 4 at Skamania Lodge in Stevenson, Washington.



Dr. Elizabeth Powers

Dr. Powers was honored for her contributions to her practice, her local community, and her profession. She serves as a mentor to students and Family Medicine Residents at Winding Waters Clinic, where she completed part of her residency, and has remained. In addition, Dr. Powers is a clinical instructor for OHSU.

Dr. Powers has been a leader in Oregon's efforts to transform primary care, leading her clinic to earn recognition as the first five-star Patient Centered Pri-

mary Care Home in Oregon. She has shared her experience as a rural family physician with policymakers across Oregon and across the country as lessons from Oregon's experience with healthcare transformation have spread. She served as President of the Oregon Academy of Family Physicians in 2014, and has continued working with Oregon policy makers to represent the voice of the rural clinician fighting for the health of her patients.

The Family Doctor of the Year is selected from among excellent family physicians across the state, each of whom has been nominated with support of colleagues, practice staff, and patients. For Dr. Powers, her colleagues were effusive in

their praise; words such as: "passion, contagious enthusiasm, consummate professional, and indomitable force." She has been described as being "dedicated, smart, engaged, compassionate, empathetic, and incredibly thoughtful and well spoken."

She takes an innovative, inspirational approach to all things medical and community related. She is truly a "shining star." Dr. Powers is passionate about providing high-quality, comprehensive, patient-centered care.

Dr. Powers is also a wife, friend, and mother. She and her husband, Nic, are the proud parents of Malaki and Atticus. They can be seen volunteering at the local ski hill, playing music at an annual Fiddle Camp, cheering for their sons at soccer games and attending school choir performances.

State fishery managers seek input on sturgeon fishing regulations above Bonneville Dam

Public meetings slated for The Dalles, Kennewick and Hermiston

SALEM — State fish managers from Washington and Oregon are hosting a series of public meetings in May and June to discuss sturgeon fishing regulations upstream of Bonneville Dam.

ODFW and the Washington Department of Fish and Wildlife (WDFW) have scheduled public meetings at the following locations:

- The Dalles, Ore.: 6 to 8 p.m., Wednesday, May 22, at the ODFW screen shop, 3561 Klindt Dr., The Dalles.

- Kennewick, Wash.: 6 to 8 p.m., Tuesday, June 11, at the Benton PUD building, 2721 W. 10th Ave., Kennewick.

- Hermiston, Ore.: 6 to 8 p.m., Wednesday, June 12, at the Hermiston Community Center, 415 S. Hwy 395, Hermiston.

Among the topics of discussion are possible rule changes meant to improve conservation efforts and increase the abundance and survival of mature spawning-size sturgeon.

Discussion topics and management recommendations include:

- Extending the dates of all sturgeon spawning sanctuaries in the Columbia River from Bonneville Dam to Priest Rapids Dam,

and in the Snake River below Ice Harbor Dam, through Aug. 31. Most of these spawning sanctuaries are currently in effect from May 1 through July 31.

- Extending the area of the spawning sanctuaries on the Columbia River below McNary and Priest Rapids dams.

Closing sturgeon retention fishing within McNary Reservoir, inclusive of the lower Snake River below Ice Harbor Dam and the Hanford Reach below Priest Rapids Dam, due to a lack of population monitoring information.

Comments can also be emailed to tucker.a.jones@state.or.us or john.a.north@state.or.us.



Summer Outdoor Program

Have you ever wanted to try Whitewater Rafting, Rock Climbing, or Mountain Biking? Check out our FREE summer program for teens.

FREE ACTIVITIES

- o Rafting the Grande Ronde
- o Rock Climbing and Bouldering at EOU
- o Mountain Bike Salt Creek Summit
- o Paddleboard Wallowa Lake
- o Hiking in the Wallowas
- o Joseph Branch Railriders

Participants Get Free Outdoor Gear for Attending 6 Or More Events!!!

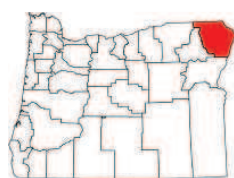
Open to incoming 7th & 8th graders. Space is limited so sign up soon!!!

Contact Ron Pickens at 919.634.0297 (rpickens@oregonbhf.org) or Hailee McClure at 541.571.2048

The Summer Outdoor Program is designed to provide teens with outstanding outdoor recreational opportunities, once a week, at **NO** cost to students.



Safe Harbors



Wallowa County DYS



Building Healthy Families

NEW LISTINGS!



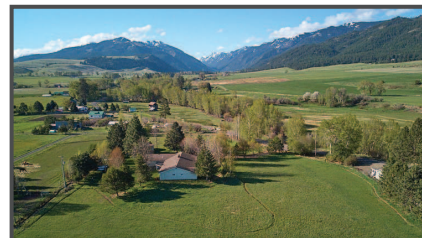
House on 20 Acres! 1360 sq.ft. 3 beds + 2 bath home with attached garage built in 1999. Insulated 1200 sq.ft. detached shop and wood shed. Private setting, meadows, trees, creek, pond and lots of wildlife. Off grill solar panels, batteries, generator, septic, well. **MLS#19203831 \$425,000**



Stunning up close views of Chief Joseph Mtn. 5 acres, 2799 SF 3 bedroom, 3 1/2 bath, with a 784 sf garage plus 1380 sf heated shop. 7' perimeter fence, decorative security gate. Home features all heated floors. Too many features to list—ask for the brochure! **MLS#19331505 \$699,000**



3 bedroom, 1 bath one-level home in Enterprise. This home would be great for a first time buyer or as a rental. Home was updated with new double-pane windows, carpet, and wood stove in 2007. 1-car attached garage. Includes the range and refrigerator. **MLS#19653220 \$179,000**



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House on 20 acres! 1056 sq.ft. 2 beds + 1 bath built in 2000. 625 sq.ft. shop and RV storage. Meadows, timber and seasonal creek and pond. Lots of wildlife. Borders National Forest. Sled Springs hunting unit. Recreate from your back yard! Easy year around access. **MLS#19521851 \$269,000**



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