EELS

Continued from Page BI

Both sexes of Pacific lamprey build a nest in sandy gravel via body vibrations and by moving small rocks with their mouth. After eggs hatch, the larvae or ammocoete burrow into the river bottom to feed on microscopic algae for 5 to 7 years. During this time, the juvenile form has an oral hood, lack teeth, and eyes are underdeveloped.

Lampreys the size of a small garter snake emerge from their burrow and begin a lengthy, danger-fraught journey to the Pacific Ocean under the cover of spring freshets. Only after they transform to the young adult stage do they attach to other fish and suck body fluid and blood for nourishment.

Adult Pacific lamprey have no value to sport anglers (except for use as sturgeon bait). However, they are part of the food web for sea lion, white sturgeon and fish-eating birds. Similar to Pacific salmon, the spent carcasses of sea-



Dennis Dauble/Contributed Photo

An adult lamprey uses its suctorial mouth to attach to river cobble prior to spawning.

going lamprey contribute ocean-derived nutrients to tributary streams.

Coincident with hydroelectric dam development in the Columbia River, numbers of adult lampreys migrating over Bonneville Dam declined from 350,000 in the 1960s to 22,000 in 1997. A similar pattern of decline was observed in the Snake River after completion of the Hells Canyon complex and the four lower Snake River dams in the

1960s. Loss of critical tributary habitat from poor irrigation practices, deforestation, grazing, and treatment with rotenone to poison "trash fish" added to the toll. That juvenile lamprey are poor swimmers and have a bottom-dwelling lifestyle make them particularly vulnerable to introduced bass, walleye, and channel catfish.

Regional Indian tribes and the U.S. Fish and Wildlife Service lead conservation efforts to restore runs of Pacific lamprey populations. Lampreys dried in the sun or roasted over wood coals are considered a delicacy by tribal elders. Translocation, or placing adult lamprey in Columbia Basin streams where populations were formerly present, has produced promising results in several streams, including the Umatilla, Yakima, Methow, Wenatchee, and Clearwater rivers. In some cases, num-

bers of returning fish have been large enough to support a modest subsistence fishery for tribal members.

The anthropologist Eugene Hunn wrote how Sahaptin-speaking peoples from the mid-Columbia intercepted a spawning run of "eels" during a 19th century spring root-gathering excursion up the John Day River. At large falls such as Celilo and Kettle, migrating lampreys were collected off rocks where they attached to rest. A tradition of tribal harvest continues today at Oregon's Willamette Falls.

The Wanapum Tribe tells of an important fishery near Pasco, Washington, a location referred to as Kosith or "at the point of land." Adult lamprey congregated there, perhaps confused by flow from three adjacent rivers, and were caught at night from canoes by Indian fishers who used dip nets made of hemp. The flooded backwater of McNary Dam put a stop to that practice.

The Snake River near Asotin, Washington, was another traditional harvest location for Indian fishers. An 1892 report of the United States Fish

Commission described the occurrence of this revered "three-toothed" lamprey as far upriver as Lower Salmon Falls. Nez Perce elders still share stories of catching "eels" as young children in the Clearwater River.

Dark clouds loom overhead. Behind me, on a shoreline lined with brush willow, a redwing blackbird struggles to balance on a branch that sways with each gust of wind. A thunderstorm is in the works. Three lamprey as long as my arm swim into the shallow riffle at my feet and join the party. One male grasps a female with his sucking mouth. Their bodies twist and intertwine. Eggs and milt mix their life energy with the river.

The ancient night eel has survived against all odds for thousands of years. Bearing witness to their return assures the circle of life is not broken.

■ Dennis Dauble is a retired fishery scientist, outdoor writer, presenter and educator who lives in Richland, Washington. For more stories about fish and fishing in area waters, see DennisDaubleBooks.com.

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HOROSCOPES

SATURDAY, JUNE 11, 2022 YOUR BIRTHDAY by Stella Wilder

ous type who is always looking behind doors part. How do you feel today? and under carpets to see what's lurking about however, those kinds of things are of central that had none when you did it -- because importance; you are always eager to know today you're likely to be asked for an explanawhat rests just outside the normal range of tion. consciousness or awareness. You're determined to know what difference those things likely to understand your motives better than worthy. Can you repeat yourself? make to you and to the rest of the world -- or at the very least, your own immediate com- realize what has been driving you.

SUNDAY, JUNE 12

GEMINI (May 21-June 20) -- You're eager -- but that may not be most beneficial to you. for excitement, but you can't let anyone know

Take a more conservative approach. just yet what it is you have planned. You may have to lie low for a while todav

think you're reckless, but everything you're take before the final countdown. A friend doing at this time has a clear purpose -- and assists. gets desired results.

by Stella Wilder

ligence always serves you well, but take care through a hard time, and it's going to be up to Born today, you are a born explorer, a curi- that you are also allowing your heart to play a you today to reach out and express concern. AQUARIUS (Jan. 20-Feb. 18) -- Morning VIRGO (Aug. 23-Sept. 22) -- You may activities may be scrutinized by the powers out of sight and, usually, out of mind. For you, have to come up with a reason for something that be, but what you do in the afternoon will

LEO (July 23-Aug. 22) -- Your native intel- Someone you know and love is likely going

not be studied so closely. Enjoy yourself! PISCES (Feb. 19-March 20) -- You may be recognized for a recent contribution that you LIBRA (Sept. 23-Oct. 22) -- Others are had no idea was quite so important or note-

you do at this time -- but soon you'll come to ARIES (March 21-April 19) -- You and someone you know quite well may not under-SCORPIO (Oct. 23-Nov. 21) -- You'll cer- stand each other for a time today -- until you tainly want to be at the head of the pack today realize and eliminate what's causing confu-

TAURUS (April 20-May 20) -- You can give someone new an honest critique without Something new is almost ready to be hurting any feelings today. When this is done, CANCER (June 21-July 22) -- Others may launched, but you have a few more steps to you may want to join in the effort yourself.

103 Announcements



PULL TABS

BAKER CITY LOCATIONS Baker City Herald

- Dollar Tree Black's Distributing
- Ryder Bros VFW
- Baker Elk's Lodge
- Main Event Lefty's Tap House Baker City Fire Dept. Haines Sell-Rite
- Idle Hour

104 Community Calendar

VFW POST 460 Every 1st and 3rd Thursday of the month at 7pm. Corner of Main at Birch in Union

LA GRANDE LIONS CLUB Meets 2nd & 4th Monday of each month @ 12 PM Union County Senior Center 1504 N. Albany St., La Grande

PINOCHLE Fridays at 6:30 p.m. Senior Center

2810 Cedar St., Baker City Public is welcome **Baker County United**

"freedom rallies" 3rd Thursday each month 6 p.m. at the Sunridge 1 Sunridge Lane. The public is invited

KEY OF DAVID Baker County Library Taught by: Gary Robinson & Blaine McKnight

Kiwanis Club of Baker City Tuesday at 12:00 PM Sunrige Inn Restaurant 1 Šunridge Lane For more information call:

(541) 523-6027 **ROTARY CLUB** of Baker City Meets every Monday

Noon - 1 PM Baker Towers Meeting Room **POWDER RIVER** SPORTSMAN'S CLUB

Meets 1st Tuesday of every month 8th & Broadway, Baker City 6 PM - Pistolettes 7 PM - Regular Membership

114 Group Meetings

AA MEETINGS - La Grande Wednesday Nights, 7-8:15pm. Fort Union Grange Hall, corner of McAlister & Gekeler Lanes. For more info, call 541-786-1222

AL-ANON Keep Coming Back Family Group Mondays, 7 pm at NKWest, 1208 Adams, La Grande, OR

Call 541-963-3161 Or 541-523-3673 to place your ad.

Placing an ad in Classified is a very easy, simple process.

Don't want it? Don't need

114 Group Meetings

DEADLINES: LINE ADS: Tuesday: 10:30am Monday

Thursday: 10:30 am Wednesday Saturday: 10:30 am Friday **DISPLAY ADS:**

2 Days Prior to

Publication Date

VISA

CELEBRATE RECOVERY Calvary Baptist Church Third & Broadway Baker City, OR
EVERY THURSDAY 6:15 - 8:00 PM

DO YOU HAVE HURTS, HABITS and/or HANG UPS? 12 Step Biblical Support

Harvest Church 3720 Birch St. Baker City Thurs., 6:30 - 8:30 PM

LA GRANDE **GAMBLERS ANONYMOUS** Every Friday Night @ 5pm, 2107 Gekeler Ln, LG, Church of Christ basement. For more info please

Someone's drinking a problem? **AL-ANON** Meetings are available by phone Info for Baker City Meetings

Goin' Straight Group Meetings:

Mon., Tues. Thurs. & Fri. Start at 8 PM 2177 1st Street, Baker City

Would you like to stop compulsive eating? For Information Call 541-523-5128 Leave a Message

Email: ecapoa@live.com PEOPLE with PARKINSON'S Caregivers, Family, Friends SUPPORT GROUP Contact: 541-963-1486 Now meeting at GR Hospital

first Thursdays at 4:30 p.m. education@grh.org

BAKER CITY

Survivor's Group 12 -1:00 pm 1995 4th St.

WEDNESDAYS Survivor's Group 12:05 pm

Baker Presbyterian Church 1995 4th St.

Survivor's Group 12:00 pm Baker Presbyterian Church 1995 4th St.

(4th & Court, Side Door) **SATURDAYS** As Bill Sees It Group

SUNDAYS Been There Done That 5:30 pm Grove APartments

Questions call AA Hotline: 541-624-5117 www.oregonaadistrict29.org

CRUISE THROUGH classified when you're in the market for a

SATURDAY, JUNE 11, 2022 **ROSSWORD PUZZLER**

SAGITTARIUS (Nov. 22-Dec. 21) --

CAPRICORN (Dec. 22-Jan. 19)

ACROSS

- 1 Lure
- Autumn pear 9 Work
- sweat 12 Well aware of
- 13 Psychics may see it
- 14 Ungainly craft 15 Racket game "What — you
- doing?"
- 18 Batting stat 19 Exclaimed
- Yummy Unfrequented
- 26 Bogus butter 27 Yang complement
- 28 Travel far and wide
- 32 Mountain pass
- Some 34 Mont. neighbor Emmets
- Superman foe - Luthor 38 Narrate

- Guevara
- 42 Solemn watch 45 Rotating part

39 Razor-sharp

41 Rookie surfer

- 46 Ernesto
- 47 Job seeker 53 Spoil
- 54 European alliance
- 55 Egyptian god 56 Luxury resort
- 57 Kind of race

58 Revival setting **DOWN**

- 1 Hope or
- Newhart Miscellany
- "— take forever!" 4 Partner of
- bacon and lettuce
- 5 Pound on the door
- 6 Absent "No seats" 8 Bishop's law

Answer to Previous Puzzle

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- 9 Beehive State 10 Innocent

6-11-22

20 Poet's contraction

50

- 11 Not up yet 16 Creeping vine
- 13 14 16 24 30 31 27 29 33 37

48

54

- 45 Block 48 Standard 49 Educational org.
 - 50 Wolfed down 51 Monsieur's
 - refusal 52 Explosive letters

21 Nero's outfit 22 Astronaut

Shepard

- 23 Fall mo. 24 Flax fabric
- 25 Black gemstone 27 Harvard rival
- 29 Got in debt 30 "The Mammoth Hunters"
- heroine 31 Fungus 36 Zoom on
- runners 38 Four-footed Romeo
- 40 Kudu cousin 41 Yes, in Yokohama
- 42 TV playback machines 43 Flapjack
- 44 Japanese clog

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Episcopal Church Basement

OVEREATERS ANONYMOUS

BAKER COUNTY AA MEETINGS

MONDAYS Baker Presbyterian Church (4th & Court, Side Door)

(4th & Court, Side Door) **THURSDAYS**

10:00 am 2970 Walnut (Corner of "D" & Grove St.) Grove Apts. Community Rm

Community Room 2970 Walnut Street

new or used car.