

Dams changing Columbia River ecosystems

by KEN DURBIN
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The Columbia River has been one of the most rapidly changing ecosystems in the Pacific Northwest as one dam after another was dropped into place across its massive flow.

It should come as no surprise that the changes have had a profound influence on the creatures that live in its waters.

Nearly everyone is aware of the sorry decline that has occurred in the once-mighty runs of migratory fish that historically worked up and down its course. Salmon and steelhead are having the fight of their lives to remain in existence in what was once the most productive river system for anadromous fish in the western United States.

The dams turned a once uncontrolled, free-flowing river in a series of huge impoundments. From Bon-

neville Dam, the lowermost on the river, these lakes nearly overlap each other except for a few remaining free-flowing stretches on which the dam builders have not yet given up.

But while these changes have brought anadromous runs to their figurative knees, some species have taken advantage of the changes and have flourished. Perhaps most notable among these has been the walleye.

The walleye is a fish that was never intended by fisheries managers to become a resident of the lower Columbia. But it did, and all on its own. And now it is undoubtedly here to stay and is fast on its way to becoming the subject of a premier sport fishery.

How the walleye got into the Columbia is still something of a mystery although historically the species has been released above Hoover Dam in Montana and in the Spokane

River in Washington — both part of the sprawling Columbia River system. Most likely, the fish simply worked its way downstream as dams created ideal conditions for its survival in one section of the river or another.

The immigration has been a matter of concern among biologists who feared the new and highly-predatory species would place yet another hurdle in the path of the beleaguered anadromous species. Just how much impact the walleye has had is still a matter of question, and probably a moot one since little if anything could be done about the firmly entrenched walleye populations if it was determined they were having a serious impact on salmon and steelhead.

As word of this new resident spreads, the Oregon Department of Fish and

Wildlife receives increasing numbers of requests for information on where and how to fish for walleye.

So far, most of the fishing pressure is concentrated in two general areas. One is the first few miles below John Day Dam where good opportunities exist for both boat and bank anglers. The other is the reach from McNary Dam downstream to just below the Umatilla Bridge. In this area, bank fishing opportunities are more limited.

Bank anglers have their best success in late May and June in the backwater areas that connect directly with the Columbia River mainstem. Larry Bisbee, warmwater fish specialist with the department, says sloughs that open under a bridge or trestle to the main river seem to be better than those which open through a culvert under railroad tracks, and in-

terstate 84, which parallels the south bank.

Bank fishermen cast plugs, large spoons, spinners, jigs and even streamer flies for their fish. The fish are usually taken in water four feet or less in depth but usually in deeper water. The drop-off between shallow and deeper water is an especially good location to fish.

Boat fishermen usually fish in deeper water ranging 15-30 feet. Below both dams, the channels adjacent to the rocky shoal areas have been productive and boat anglers seem to do well over a longer part of the season, especially from early July through November.

Anglers have already reported taking a few fish this year and there is no reason why they couldn't be taken throughout the year.

Boat fishermen usually let their boats drift with the current while bumping lures along near the bottom. Many attach a weight to the end of their lines to

get down quickly and attach a plug or lure to a dropper line which lets it work about a foot off the bottom.

Walleye are classed as gamefish but there is no closed season and no daily bag limit or minimum length restrictions. The catch rate for boat fishermen can run as high as three fish an hour once the fish are located. Most anglers use about the same kind of tackle used to drift fish for steelhead although it won't do much to hold the occasional large sturgeon hooked while fishing for walleye.

You often hear the walleye called the "walleye pike" but the name is incorrect. The walleye bears no relationship to the pike. Instead, it is more closely related to the yellow perch and, in fact, is the largest member of the perch family. The name walleye comes from the large opaque eyes that glisten like a cat's from reflected light.

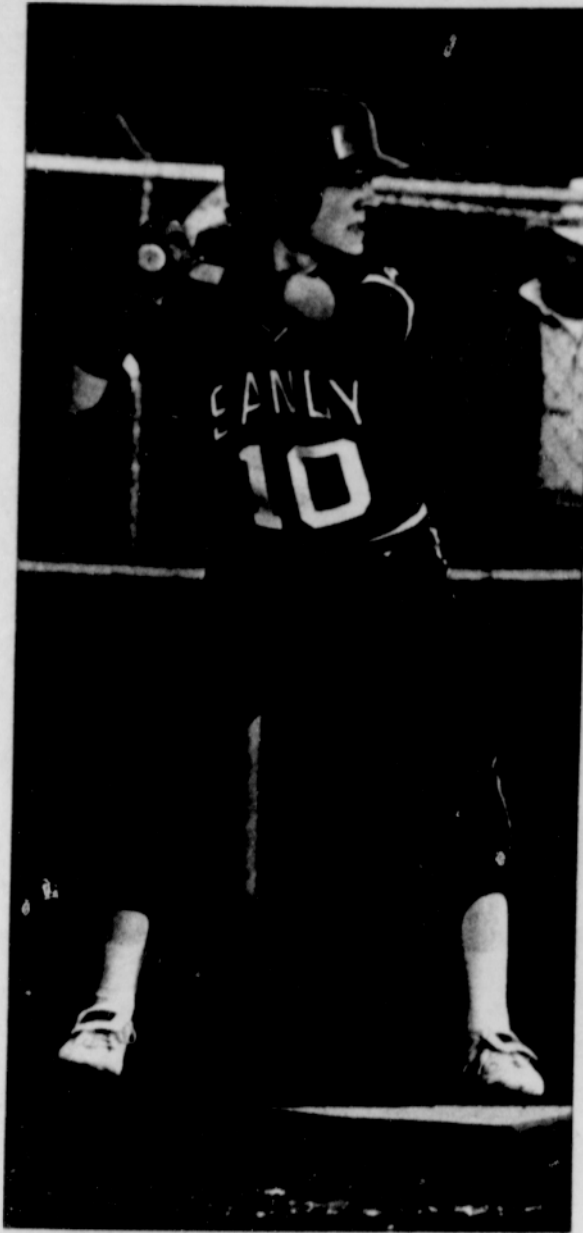


Photo by Scott Newton

Troy Wolf waits for a pitch during the Pioneers' game with Barlow High School.

Barlow High gals edge Sandy, 6-4

Senior Patty Gray was much improved on the mound, according to Gary Curtis, SUHS softball coach, whose Pioneers fell 6-4 to Barlow Monday.

She pitched her second no-hitter, walking five and striking out two.

The defense behind her, however, committed six errors.

The Pioneers had four runs on four hits, and left nine players on base.

Barlow, with no hits, left three on and committed three errors.

Curtis said that Gray had better control Monday at Barlow than she did the week before during a game at Clackamas, an 11-3 win and also a no-hitter.

"She just didn't have the defensive support she'll

have when league comes around," Curtis said.

Curtis played everyone that was eligible, and said that he hasn't found a starting line-up. He said that he rotated the line-up a lot Monday, which contributed to the number of errors they committed.

Also, he said it was only the second time they'd been on a diamond this season. The weather forced them to practice inside earlier.

The Pioneers were 4-14 overall last year, 4-6 in the league.

Curtis said that they're "way ahead" for this time of year.

SUHS 2 0 0 2 0 0 4 4 6
SBHS 2 0 1 0 3 0 X 6 0 3

Film to run on Special Olympics

Persons interested in finding out more about the Special Olympics will want to see a film that will be shown March 31 at the Learning Center, room 55, at Sandy Union High School at 4 p.m.

Preparations are now underway for the Special

Olympics. A qualifying meet for the state competition will be held April 25 at Lincoln High School in Multnomah County.

The state meet will be held in Eugene.

For more information, contact Donna Fullerton at 630-3407.

Registration set for Babe Ruth team

Registration for the Barlow Babe Ruth team will be March 30, from 6 to 8 p.m., and April 3, from 10 a.m. till noon.

To be eligible, one must be 13 years of age on or before Aug. 1, 1982, and cannot be 16 before the same date.

Registration will be held

at Orient Grade School, Damascus Middle School and Barlow High School.

Interested boys should take a copy of their birth certificate. There is a \$25 registration fee.

Race on Glade Trail is set for April 4

The 32nd annual Kanda-Beer Ski Race, sponsored by the Schnee Vogeli Ski Club, will be held April 4, beginning at noon at the Timberline Lodge parking lot.

The costume contest will be from 11 a.m. until noon at the parking lot.

The course will be from

the Timberline Lodge parking lot to Government Camp, via the 3.5-mile Glade Trail.

Schnee Vogeli Ski Club is an all-male club that sponsors activities such as the Mighty Might junior racers and other activities open to the general public.

Multorpor sponsoring Nor-Ams 27th, 28th

The Nor-Am Womens Slalom ski races will be held March 27 and 28 at the Multorpor Ski Area.

Two runs will be made each day by each racer, beginning at 10 a.m.

Some of the top skiers in the country will be par-

ticipating, according to meet officials, including members of the U.S. National Womens Ski team.

The course is set up for the benefit of spectators. The race will be run on the T-bar chairlift, adjacent to the Multorpor Ski Area


Hwy. 26, Sandy Phone 668-8058

PAOLA'S PIZZA BARN

Congratulations to Denise Shockey

Denise Shockey, a senior at SUHS, is prep of the week. She was the February Scholar of the Month, having been nominated by both the physical education and performing arts departments.

She's treasurer of the National Honor Society, president of St. Michael's youth group, varsity tennis squad member and involved in Sky Club (Special Youth Kiwanis).



Enjoy great pizzas & good times at Paola's!

Bowling

Mt. Hooders 3-18-82

Place	Won	Lost
Jennie Welch Antiques	18	12
Michael's Pre-cast	17	13
Sheppard's Construction	17	13
William's Thriftway	16	14
Dirt & Aggregate	13 1/2	16 1/2
Town & Country	13	17
Pioneer Real Estate	13	17
Accent Hair	12 1/2	17 1/2

Individual Game: Fern Hunter, 235. Individual Series: Fern Hunter, 517. Team Game: Sheppard's Construction, 761. Team Series: Michael's Pre-cast, 2056.

SMOKERS

U.S. GOV'T LATEST REPORT:

King, Menthol or Box 100's:

A whole carton of Carlton has less tar than a single pack of...

...KINGS			...100's		
	TAR mg./cg.	NICOTINE mg./cg.		TAR mg./cg.	NICOTINE mg./cg.
Kent	12	1.0	Kent 100's	14	1.2
Winston Lights	11	0.9	Winston Lights 100's	12	0.9
Marlboro	16	1.0	Benson & Hedges 100's	16	1.1
Salem	14	1.1	Parliament Lights 100's	12	0.9
Kool Mids	11	0.9	Salem 100's	15	1.1
Newport	16	1.2	Marlboro 100's	16	1.1

TAR & NICOTINE NUMBERS AS REPORTED IN LATEST FTC REPORT

Carlton Kings	Less than 0.5	0.1
Carlton Menthol	Less than 0.5	0.1
Carlton Box 100's	Less than 0.5	0.1

Box—lowest of all brands—less than 0.01 mg. tar, 0.002 mg. nicotine.

Carlton is lowest.

U.S. Government laboratory tests confirm no cigarette lower in tar than Carlton.

Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

Box: Less than 0.5 mg. "tar", 0.05 mg. nicotine; Soft Pack, Menthol and 100's Box: Less than 0.5 mg. "tar", 0.1 mg. nicotine av. per cigarette, FTC Report Dec. '81.

CARLSON CHEV & GM

\$500-\$750

ADDITIONAL
REBATES

END MARCH 31

CHEVETTES
CAVALIERS
EL CAMINOS
'S' TRUCKS

CITATIONS
CELEBRITY'S
LUVS
ALL PICKUPS

GAS OR DIESEL
Blazers—Suburbans—Vans—Sport Vans

If you buy or lease from Carlson Chevrolet a new 1981 or 1982 Chevy Chevette, Celebrity, S Truck or Luv Truck before March 31st — or a qualifying Demo — you may simply deduct \$375.00 from our usual low prices.
On a new Citation, Cavalier, El Camino, Blazer, Van, Sport Van & all other 1/2, 3/4 or 1-ton pickups — both diesel or gas — you may deduct \$562.50 from our normal bottom line prices. These \$375 & \$562.50 amounts are the portion of the rebate that Chevrolet Motor Division pays, so this is what you will actually save.
The rebates will definitely end on March 31, however if you order any of the above-mentioned Chevys on or before March 31st, except the S Truck & the Luv, you will still save the rebate amounts mentioned above.
We agree that rebates are becoming confusing & monotonous — however — you still actually save either \$375 or \$562.50 depending upon your purchase.
We have an adequate selection of models available, & we urge you to take advantage of General Motors' offer — we're doing our best to do just that by reducing prices as far as we can. Whenever rebates end, it bothers us to see our customers pay more, merely because the rebates are over.
If you're expecting a tax refund, we will include this amount as part of your down payment to save you interest expense. If you're even thinking about a new car, please let us talk to you. There's no obligation, & we might have a money-saving idea.

STOP IN FOR A DEMO, and we'll give you a FREE ALL-DAY LIFT TICKET at any of the four MT. HOOD Ski Resorts!

PETE CARLSON

668-4101 SANDY Open Sun.