



JUDY NAAS of Boring and student at Sandy High won parade horse division championship in Frontier Western Daze parade. She also won most outstanding entry in equestrienne division.

FROM
The RIVER'S
EDGE

By
George MacAlevy



Although there are no fish of a size to seriously angle for this August in our stretch of the Sandy River, this shrunken stream does have a large population of young salmon and steelhead in the fingerling stages. To sustain and add growth to this population, a large supply of natural food is necessary. Just what and where is this food?

If you observe the rock surfaces under a sheet of fast flowing water in the river, you will notice pebble-like aggregations that slowly move about over the rock. These are the cases of the Caddis flies. A closer look will let you see the small black head and six black legs of the creature within the case.

There are three species of these larvae of the larger Caddis flies which occur in large numbers in this locality. All three have cases made up of grains of sand and fragments of rock cemented together. These cases are closed at the tail end except for a tiny hole, whereas the head end is open wide so the larvae can extend his head and thorax to get the legs clear of the case and move about.

These larvae are plump soft bodied, wormlike creatures, except for the head and thorax which are hardened and black in color. The large oval cases contain a very fat, yellow colored larvae. The long, noticeably tapered to a point, cases contain a more slender, dirty white colored larvae. The third numerous one is smaller and again untapered oval in shape. The body color of this larvae is also dirty white. You will occasionally find one that differs from these as there are some lesser species of no great abundance and thin distribution.

Fish, large and small, feed on these larvae. They swallow them case and all. I have cleaned many a trout whose gullet was hard with these undigestible cases or the sand from them. Many anglers call these Caddis larvae, periwinkles, which is a misnomer, as the name rightly belongs to a group of aquatic snails with conical shells. A fresh water snail of this shape also abounds in the river, and it, too, is eaten by the fish, shell and all.

Underneath the rocks in the rapids and riffles lives an entire world of life, most of it odd looking. The individuals of this world range from some of the smaller mayfly nymphs of one-fourth inch length to the nymphs of the largest dragon flies which may measure over three inches. This world contains the nymphs of all the other great groups of aquatic insects such as the mayflies, stoneflies, damsel flies and dragonflies.

Entertaining my youngest granddaughter the other day brought us to the edge of the river. I turned over a large rock at the water's edge, revealing two large dragonfly nymphs. These are very active animals and this particular two were in great haste to get themselves hidden again. There was no available nook or crevice to hide in so they did considerable scurrying about in an effort to find security. The little girl was thoroughly fascinated by these queer looking creatures. These dragonfly nymphs are the largest nymphs you will see.

The large stoneflies of the Deschutes system (the famed Salmonfly is one of them), are encountered but seldom on this side of the Cascades. Our local stoneflies are a long slender built fly up to an inch long, and their nymphs are of the same size and build. You will often find them clinging to the underside of rocks in fast water. They can move about quite rapidly when disturbed.

Mayfly nymphs come in all sizes and there are myriad kinds. In general they are wide, flat, and unpleasant looking. One might think he was face to face with some miniature basilisk out of 16th century superstition. The Mayflies are a large and diverse group, and

their larvae also exhibit considerable variation.

Some are free swimmers, some are clamberers, and some are very lethargic, moving but little. Turn over a rock harboring mayfly nymphs, and you may see several reactions. Some will just let go and float downstream with the current until they are again deposited on the bottom. Others will crawl back around the rock or onto the next rock with great speed.

All of these nymphs get dislodged from time to time in one way or another so fish are always on the lookout for them and make the most of it. There are a couple of dragonfly nymphs that turn the tables on the fish. These large, free swimming nymphs can and do catch and eat small fry!

Now we have a river bottom populated with all kinds of nymphs. What sustains this underwater world? Under these rocks and in the silt and gravel of the stream bed are more

minute worlds of animals so small we do not see them. These comprise the food supply of the aquatic insects. In turn this sub-miniature world lives on algae and other single celled organisms which are present in all water. At the broad base of the good chain in any watery environment is the algae. The predatory fish is the peak of the chain.

Bowling News

MT. HOODERS
Mt. Hooders League will have a pre-season meeting at San Ro Esta Lanes Thursday Aug. 21, at 8 p.m.

EARLY BIRDS
The Early Birds Bowling League will hold its organizational meeting Tuesday, Sept. 2, at 10 a.m. All old members are urged to attend as well as anyone interested in joining this daytime league. The meeting will be at San Ro Esta Lanes.

Youths Wanted For Job Corps

Job Corps recruitment is being resumed in the Clackamas County area by the State Employment Division. Enrollments in the Job Corps were temporarily halted while some of the centers were closed down and their corpsmen relocated. There are still four centers in Oregon, three conservation centers for men and the center at Tongue Point for women.

The Job Corps program is for young men and women: between the ages of 16 and 22 who are no longer attending school and in the need of job training. These youths will receive room, board, clothing and medical and dental care. They will also be paid wages each month and receive additional wages when they have completed the program. Many of these training programs will lead to union apprenticeships for those qualified.

Further information may be obtained by calling Mrs. Howard at 656-2696 or from the office at 506 High St., Oregon City.

Concord Cubs Win State Tournament

It took them an extra inning defeating Hillsboro JC, 9-3; to do it, but Concord's Cubs lost the semi-final to Concord edged the battling Oregon City and then lost another heartbreaker in their try for championship at the State Cub Tournament at Rockwood last them 5-4 in the eighth inning, week end.

It was the same Concord team that knocked Sandy Cubs out of the running in the semi-final game, winning it 8-7 in the last inning after Sandy had led all the way.

FINAL STAGINGS

1st	Concord
2nd	Oregon City
3rd	Lynch
4th	Sandy
5th	Aloha
6th	Rockwood
7th	Hillsboro JC

668-4444
FANCHER'S AUTO-TRUCK - TRACTOR - PARTS
8 a.m. to 5:30 p.m.
Mon. thru Sat.
Machine Shop Service
311 E. PROCTOR
SANDY, ORE.

BOB PALADINI

Mt. Hood National Forest Ranger Districts

Our roads are all open and being heavily used. Remember that a number of forest roads are unpaved, and therefore quite dusty, so be cautious and drive carefully, and enjoy your trip.

The trails are all in good condition. The easily accessible trails receive quite heavy use, and with so many hikers on these trails it may seem like traveling a city sidewalk instead of a forested trail. If you wish to get away from the crowds, you must hike farther and deeper into the forest. But no matter where you hike, on the short easy trails, or on the longer trails such as the

Timberline Trail around Mt. Hood, it is a pleasure to get out in the fresh air and cool woods, to catch a glimpse of the many large and small creatures of the forest, and to take in some of the magnificent scenery such as we have.

Some of our streams and lakes were recently stocked with legal size trout, and fishing has been pretty fair.

Huckleberries—The word many people have been waiting for. The berries in the Sherar Burn area are ripe! The berries are there, but you must get off the road to find the best and largest quantity of them. For the ambitious hiker, another good spot is above Mirror Lake on the Wind Creek Trail which goes up to the top of Tom-Dick Mountain. It is about 2 miles from the highway to the top of Tom-Dick Mountain, and about 3/4 of the way up there are many berry bushes. The berries are ripe and sweet, and there is a fair quantity all along the trail. A few steps above or below this trail can yield several handfuls of berries without moving.

A word of caution—Bear season is open in this area, so the hunters are out. And since bear season and huckleberry season coincide, and since bears and people both like huckleberries, be alert. If you are a berry picker, be alert for bears and hunters. If you are a hunter, make sure you are shooting at a bear and not a huckleberry picker.

Item of Note: There is an ever increasing number of firearms being taken into the campgrounds and adjacent areas. Common sense dictates that these are not the areas in which to be target shooting.

We have and are offering a limited supply of INSURED BANK SAVINGS CERTIFICATES OF DEPOSIT discounted to yield up to

7%

a year when held to maturity in units of \$5,000

These certificates of deposit, which we are offering, were issued by commercial bank members of Federal Deposit Insurance Corporation, a U.S. Government agency. Maturities up to one year. Offered on a "first come, first served" basis, so phone or write for full details.

EDWARD M. JONES
Seaboard Planning Corp.
Portland, Oregon
282-7796 - Eves, 255-1966
3835 N.E. Hancock St.
Suite 202, Portland, Ore.
97212 3311

NAME _____
ADDRESS _____
CITY STATE _____

Sale School Appliances Like New

Frigidaire Refrigerator
Only \$168⁵⁰

JUST A FEW LEFT — HURRY!

ELECTRI-CLEAN 30" RANGE
\$228⁵⁰

NEIL RIEGELMANN APPLIANCES
50 N.E. 2ND GRESHAM MO 5-4158

"It's not only convenient, but it sure dresses up the place."

You know the routine. The minute you step into the bathroom, the phone starts ringing in the kitchen. So you leap up and stumble through the house. But by the time you get there, they've usually hung up. Why not treat yourself to a little convenience? A bathroom extension only costs a few cents a day. And it sure dresses up the place.

General Telephone