

Trout Streams Subject For Life Span Study

Fertile trout streams can be five times as productive as less fertile streams, say zoologists Robert C. Scherer of Lock Haven State and Edwin L. Cooper of Penn State. They find that fertile streams can produce 268 pounds of brook trout per acre annually, compared to only 52 pounds per acre from the less fertile streams.

However, such annual production is seldom harvested by fishermen, according to Drs. Scherer and Cooper. They report that fertile streams generally provide anglers with about 65 pounds of fish per acre. The average yield for the less fertile waters is about 10 pounds per acre.

In both instances, yields are reduced by restrictions on fishing and by natural mortality and limited life span, the zoologists claim. Their findings have been published by the Agricultural Experiment Station at Penn State.

Comparing trout waters in Cumberland and Lycoming counties, Drs. Scherer and Cooper observed that brook trout in fertile streams grow faster, mature at a larger size than trout in less fertile streams, and maintain larger populations.

In fertile streams, brook trout reach the legal takehome length of six inches or longer

in three years. In the less fertile streams, four years are needed to reach this size.

Chemistry of the water seems to make the difference. The studies indicated that the better trout streams form in agricultural valleys having numerous limestone outcroppings. Such waters are alkaline or "sweet". These stream bottoms tend to be covered with beds of water-cress, waterweed and water speedwell. Such streams support other animal life in addition to fish.

On the other hand, vegetation is rare in less fertile streams, being mostly unidentified mosses.

The water is much less alkaline than for the better trout streams. The soils are formed largely from sandstone and shale. The comparisons show that large differences in plant nutrients are responsible for large differences in trout production.

While a few trout may live as long as six years in both fertile and less fertile streams, up to 90 percent of legal-sized specimens are taken from streams in one season.

Dr. Scherer, a resident of Jersey Shore, is an associate professor of biology at Lock Haven State and has been a member of the faculty since 1965. He earned his M.S. and his Ph.D.

State.



EAGLE EYE

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Stevenson Library Dedicated

George H. Stevenson, who has been in charge of the library since its opening in 1965, is shown in a photograph. He is a member of the faculty at Lock Haven State and has been a member of the faculty since 1965. He earned his M.S. and his Ph.D. from the University of Pennsylvania.

state library. His experience dated back to 1938, when he began working for the New York Library.

Prior to joining the Pennsylvania state library staff, he was librarian of the Lancaster City Public Library. He is a 1937 graduate of Oberlin College and earned his degree in library science at the Western Reserve University Library School in 1938.

Members of the Pennsylvania Library Association, who will be holding their annual conference at Lock Haven on April 23-24, will attend the dedication, along with invited guests from the community and members of the college faculty and staff.

Dr. Gilmore Warner, who is retiring at the end of the 1969-70 academic year, will preside at the ceremony.

Student Unrest Discussed At Conference

Student unrest will be the main topic of discussion at the regional workshop conference being sponsored on April 30 by the Secondary School Principals Association of Central Pennsylvania at Lock Haven State College's Camp Hate-to-leave-it.

Following an address on "Student 'Freedoms' and Unrest" by Stephen R. Goldstein, associate professor of law at the University of Pennsylvania Law School, group discussions will be held on these topics:

"What are Acceptable Student 'Freedoms' in Today's Secondary Schools?"

"What are the Legal Responsibilities of a Secondary Principal in Operating His School in Relation to Pupils, Staff, and Community?"

"How Can the Secondary School Principal and His Staff Cope with the Present Student Unrest?"

Unrest: "What Program of Student 'Freedoms' is Reasonable in Today's Secondary Schools?"

The groups will discuss problems of forming a code of student freedoms and the rights of the principal as well as the students.

Over 100 educators and administrators throughout Pennsylvania are expected to attend the conference, which is being held in cooperation with the division of secondary education and the educational development center at Lock Haven State College.

The best way of avenging thyself is not to become like the wrongdoer.

Marcus Aurelius Antoninus

What To Be Included in the Annual Publication

The annual publication, *Contemporary Authors*, is a comprehensive bibliography of the authors whose books are published by reputable commercial houses or university presses as well as bibliographies of the authors' works. The total number of bibliographies in print now approaches 20,000, making *Contemporary Authors* the largest and the best single source of information about today's authors.

Stewart's *Three Dimensions of Poetry: An Introduction* was

published by Scribner's last November. He has published two volumes of poems, *Small Desires* (with Steven Roth) and *Wings of the Builder*. He is currently preparing a full collection of poems, *What Words for the Poet?* for publication.

Stewart's poems, articles, and book reviews have appeared in both scholarly and general interest magazines, and his biography is already included in the *Directory of American Scholars* and the *Directory of Young American Authors*.

Stewart teaches the Poetry Workshop in the program in creative writing at LHS.



Creative Writing Workshop Topic

Another Fee Rises

Registration fee for all Pennsylvania passenger cars is \$14. This fee must accompany the license application when it is sent in for renewal.

Since the legislature has completed action on raising the fees, Applications are now being mailed to car owners. This is being done in accord with title numbers with owners of newest cars getting their applications first.

A special provision of the new law provides relief for older persons. Those who are retired or living on pensions may get a \$4 refund. To qualify they must have annual income of less than \$3,500 including their Social Security.

Revolutions are like the most noxious dung heaps which bring into life the noblest vegetables.

Napoleon I



What Do You Want...BLOOD?

LHS Captures Tri-meet Clip Ship and Bloom

by Nibs Gordon

The Lock Haven State track and field team overpowered Shippensburg and Bloomsburg on Wednesday, capturing nine firsts and displaying amazing depth in some events. The final score was LHS 97, SSC 45, BSC 38.

The Eagles placed three men in the high jump, javelin, long jump, high hurdles, 880, and 2-mile to provide the depth. Sinners for the Eagles were Greg Kitchen in the high jump, Bruce Parkhill in the javelin, Rick Seitz, the long jump, Bill McNelis, the triple jump, Steve Podgajny, the mile, Byron Almonney, the high hurdles, Charlie Simcoe, the 440, Tom Ellis, the intermediate hurdles, and Dave Mosebrook, the two mile.

Along with the nine winners outstanding performances came from Galen Hess who set a school record of 12'8 1/2" in placing second in the pole vault. Bill Kline with a 43'8 1/2" shot-

put, Vic Campagna with a 40'9 3/4" triple jump, Podgajny with a 2:01.2 880 along with his winning mile, John Mingsos with 16.7 high hurdles, Chris Bower with a 51.3 440, Simcoe with a 22.7 220, Nibs Gordon with a 10:08.2 two mile, George Bower, and two mile, George Bower, and Byron Brooks with 2:01.3 and 1:01.8 880's, and the mile relay team of Chris Bower, Keith Rider, Mike Soyka, and Charlie Simcoe with a season's best 3:33.9.

Commenting on the meet, Coach Jim Dolan said, "Our team did a tremendous job today. I was pleased with most of our performances. This meet shows the improvement that all our men are making. We have two tough meets next week against Bloomsburg and Slippery Rock. Our team is shaping into a solid unit now."

The Eagles, 5-1, will compete in the Western Frontier Relays in Buffalo, New York this Saturday.

TRACK

440 Relay 8 1. Mansfield, 2. Shippensburg, 3. Lock Haven. T-45.1.

Mile - 1. Podgajny (LH) 2. Mosebrook (LH), 3. McGill, (S), 4. Abell (M). T-4:42.2.

120 H.H. - 1. Almonney (LH), 2. Ellis (LH), 3. Shultz (S), 4. Mingsos (LH). T-15.6.

440 - 1. Simcoe (LH), 2. Cianfarano (M), 3. C. Bower (LH), 4. Healy (M). T-51.0.

100 - 1. Moody (M), 3. Weimer (S), 3. Slater (M), 4. Hoffman (LH). T-10.45.

880 - 1. Jeroleman (M), 2. Podgajny (LH), 3. G. Bower (LH), 4. Brooks (LH). T-2:00.2

440 I.H. - 1. Ellis (LH), 2. Almonney (LH), 3. Raymond (M), 4. Wagner (S). T-59.1.

220 - 1. Cianfarno (M), 2. Simcoe (LH), 3. tie. Weimer (S) and Moody (M). T-22.6.

Two-mile - 1. Mosebrook (LH), 2. Gordon (LH), 3. McGill (S), 4. Harnish (LH). T-9:57.2.

Mile relay - 1. Mansfield, 2. Lock Haven, 3. Shippensburg. T-3:23.3.

FIELD

Shot - 1. Kauffman (S), 2. Kline (LH), 3. Fritz (S), 3. Baemer (S). D-45.2.

Discus - 1. Kauffman (S), 2. Fritz (S), 3. Beamer (S), 4. Hayes (LH). D-134.9.

High jump - 1. Kitchen (LH), 2. Grundy (M), 3. Taylor (LH), 4. Crosby (LH). H-6.2.

Pole Vault - 1. Gorman (S), 2. Hess (LH), 3. Sipe (S), 4. Wiser (S). H-12-8 1/2.

Long jump - 1. Seitz (LH), 2. Hess (LH), 3. McNelis (LH), 4. Eylor (S). D-19-11.

Javelin - 1. Parkhill (LH), 2. McNelis (LH), 3. Campagna (LH), 4. Linn (S). D-186-4.

Triple jump - 1. McNelis (LH), 2. Campagna (LH), 3. Sherlock (S), 4. Eylor (S). D-41-3 1/4.

EAGLE EYE CLASSIFIED

For sale: Honda Super 90. Contact John Ripoli at the KDR House.

Lost maroon C.P.O. Picked up in pool area. Someone switched C.P.O.'s with mine. Contact T. Rupp North 306.

SCENE By AQUARIUS

Bands will be the big sound of the 1970's. Not bands like mom 'n pop dog-trotted to back in the 1940's. But brass and saxes added to the basic guitar-organ-drum mix. . . . If Nixon's against pollution, can pollution be all bad? . . . Latest craze of the Jet Setters in Acapulco is parachute riding. They float high above the Bay attached to a speedboat by a long cord . . . Rape is a harshly won piece. . . . From National Institute of Health study on alcoholism you can infer your chances of getting hooked on hard sauce are least IF: you're a Jewish farmer who dropped out of high school, you live in the Texas Panhandle, and you don't pal around with any Irish executives in their upper 40's. . . . One plump dowager to another: "Somehow you don't hear much any more about the dear old alma mater." . . . Students around the world will be aping our big Environmental Teach-in (April 22). . . . Some hip jargon a little more advanced than rap, cop out, uptight, etc., etc.; off the wall—foolish, ridiculous; brights—days; later—so long; tough—good-looking; on time—satisfactory; he ripped me off—he told me about a job; TCB—take care of business . . . Most Ph.D. theses consist of digging up the bones from one tomb and neatly rearranging them for burial in another. . . . An Agnew supporter is not a Greek-made jock strap . . . Didja know your ears never stop growing? . . . Bully for Bowdoin for dropping College Boards as a biased way of gauging a

student's potential for higher learning . . . With heterosexual mixing in the dorms, many students are spiffing up their lairs with new draperies and bedspreads in swinging patterns made from—no-iron sheets! Martex and Lady Pepperell sell them cheaper than if you bought them by the yard . . . Lavatory Scoop: "Little Orphan Annie Puts Out." To which some spoilsport postscripted, "Yeah, but forget it." . . . The Flippant Hen is an egg in a short glass of beer . . . What birthday present to give the guy who has everything? A heavy dosage of antibiotics . . . The two most obscene four-letter words in the English language: hate, kill . . . Some University of Minnesota students were asked the advice they'd give their younger brothers and sisters. A few replies: "Believe in education." "Learn to feel." "Love life and other people." "Do your own thing—but do it well." . . . There's a nice clean old man in Cambridge who makes dresses for expectant mammas and the townies all call him a mother frocker . . . The flakiest announcement from that spaced-out oleo heir was that he planned to have 14 children. That's too much over-populating (by about 700% by anybody no matter how rich, Kennedys included . . . In England, where animal love runs high, hair coats are pacey this winter. Hair's bought from Asian women . . . Split from dull company by saying, "Time to get back to my omphaloskepsis." (Turning on through contemplation of the navel) . . . Beat Winter: Hug lots.

Windowshopping

WITH WALLY EDWARDS

This week "Windowshopping" examines the science of cursing your fellow student. I maintain that a long string of four-letter Anglo-Saxon words does little more than raise an eyebrow of most students, and therefore, I will not suggest using phrases such as "f---" or the more popular "s---" ("?!") I will however, introduce you to my entirely new concept of verbally attacking those individuals who choose to cross your path. I call it the manly art of "wishing minor catastrophes." By "wishing" one of the following items upon the next annoying character, you'll experience that ecstatic satisfaction which neither profanity nor feeble insult can derive. If you like, you may keep this article in your wallet for future reference. I just hope the guy you pick the argument with doesn't have the article too.

Here are the catastrophes:

- May your English Literature professor fall asleep during one of his own lectures.
- May you get fixed up with a blind date and have her seeing-eye dog bite you.
- May your mother's cooking be worse than that of the dorm cafeteria.
- May you go to the campus bookstore, buy six books, six notebooks, a pack of pencils, and two pens and then have the clerk behind the checkout counter politely ask you, "Will that be all?"
- May your student I.D. picture look very similar to one of the photographs hanging on the post office wall.
- May your roommate own a 100 watt amplifier and 75 sound effect records.
- May your instructor call on you just as you're putting the finishing touches on a most elaborate doodle in your notebook.
- May you rush into a liquor store on your twenty first birthday and have the proprietor sell you everything your heart desires without once asking for proof of your age.
- May you faithfully attend a class every Monday, Wednesday and Friday and find out a week before the final that it's a five hour course.
- May you crumble and throw away your solutions to an exam and hand in the scratch paper.
- May you flunk the required lab in a sex education class.
- May you return home from a Canadian vacation and find your draft notice in the mail.
- May you be among a group of hippies who have begun a sit-in inside a condemned university building.
- May you receive a letter from your girl with 6c postage due, pay the six cents, and then find out you're being jilted.
- May you be told that you're a man ahead of your time and later discover that you've forgotten to take your watch off daylight savings time.
- May your professor collect the only homework assignment you failed to do.
- May you have the same name as the student who was arrested for selling narcotics.
- May you learn that the guy you just insulted is the captain of the football team.
- May your father's favorite expression be: "You know, when I was your age we didn't have . . ."
- May you be introduced to a girl with a "nice personality."
- May all your exams include that one question you were sure the professor wouldn't ask.

Welcome To

The 'HAVEN'

OTELLO BURKE

All-Chicago

All-State Ills.

Basketball Player

BASEBALL

LHS Bald Eagles
US.

BSC Huskies

doubleheader begins

at 1:00p.m.

Woolrich Field

Tomorrow

The Soul Hole

Friday April 24th

Entertainment By
Patty Speth

Open 8-12 pm.

Quotation of the Day

"We have seen all too clearly that there are men—now in power in this country—who do not respect dissent, who cannot cope with turmoil, and who believe that the people of America are ready to support repression as long as it is done with a quiet voice and a business suit. And it is up to us to prove that they are wrong."—Mayor Lindsay.

SUMMER POSITIONS AT BOY'S CAMP

Counselors—June 26 to August 24. Fine staff fellowship. Men from all parts of country and Europe. Openings include swimming (WSI), sailing, music (piano,) archery, baseball and basketball coaches, tennis (14 courts,) general with younger campers. Located in Southern Maine. Fine salaries, travel allowance. Write fully to Morton J. Goldman, 63 Arleigh Road, Great Neck, L. I., New York 11021 c/o Camp Takajo.

SUMMER CAMP POSITIONS FOR MEN AND WOMEN

Exciting work at boy's or co ed camps—June 24 to August 25. Fine staff fellowship from all parts of the country and Europe. Openings include swimming, sailing, water skiing, motor boat driving, piano, folk music, guitar, archery, baseball and basketball coaches, tennis, science, woodwork. Located in cultural areas of Massachusetts and Maine. Fine salaries. Write fully. Robert Kinoy, Camp Taconic, 451 West End Ave., New York, N. Y. 10024.

GARDEN

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