

## STUDY OF FISHERY POPULATION PLANNED

IF ALL BOES ACCORDING TO PLAN, the fish population of Ten Mile Lake will be studied in a number of ways this summer. Harlan Fierstine, Area Fisheries Supervisor for the Department of Natural Resources, says that, if sufficient funds are available, he wants to use at least four survey techniques:

1. Carry out a netting survey similar to the ones that have been used on Ten Mile periodically in the past.

(In census studies of this sort, gill nets are placed at a variety of spots around the lake. Fish caught in the nets are counted, measured and weighed. Scale samples also are taken to determine the ages of netted fish.)

- 2. Use an electro-shocking device around the shore line at night to momentarily stunthe fish so data similar to that assembled from the netting survey can be obtained.
- 3. Make periodic aerial counts of the boats on Ten Mile during the summer, the data to be used to estimate the lake s fishing and boating "pressure."
- 4. Hire an interviewer to cruise the lake regularly acquiring information on fishing success. (Individuals would be asked such questions as how long they had been fishing that day, what they had caught, size of the catch, lures being used, and related facts needed for a thorough "creel census.")

ONE PURPOSE OF THE STUDIES, according to Fierstine, is to continue the DNR's long-standing program of fish population monitoring. Fierstine also hopes the surveys will provide at least some clues toward solving the mystery as to why there appears to be so little successful walleye spawning in Ten Mile Lake. — Jim Schwartz.

#### THANKS TO THOSE WHO MAKE A DIFFERENCE

Any account of the status of Ten Mile's fishery is not complete without reconnizing the contributions made by many persons down through the years. the most prominent are Arthur Horn, who for many years served as fish committee chair, kept careful records of game fish stocking history and continues to maintain an interest in TMLA fishery programs: the late Jake Fleisher who, as president, encouraged a systematic walleye stocking program; Warren Goss, who has contributed untold hours and much expertise to the fishery investigation process, and, finally, the professional DNR staff members who have worked with the Association constantly to improve the lake's fishery.

## D.N.R. LEASES BURLINGTON RAILROD RIGHT-OF-WAY

Most the former Burlington rail line from Brainerd north through Walker, Cass Lake and Bemidji has been leased for a year by the Department of Natural Resources (DNR).

Burlington and Northern removed the tracks two years ago and dismantled a number of the bridges. They had the property up for sale. DNR hoped to buy it but was unable to get the funds from the legislature. Money was provided, however, to lease the line for a year with the expectation that it will be possible to make the purchase in 1989.

It is anticipated that the roadbed will at some point receive a blacktop strip for cyclists in summer and snowmobilers in winter, with a skiing trail alongside. That is the configuration of the popular Heartland Trail from Walker to Park Rapids, also formerly a rail line. -- Bill Macklin.

# WHO PAYS BIGGEST SHARE OF COUNTY'S TAX REVENUES?

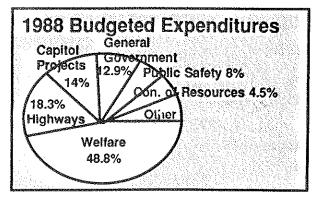
(Editor's Note; If you have had the impression that seasonal/recreational property tax collections are responsible for a major share of the county's revenues, you have been right. The figures presented below, taken from a March issue of the Walker Pilot-Independent, tell the story.)

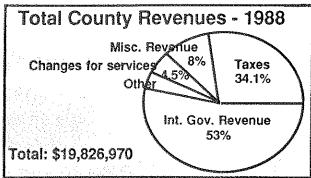
Assessed value of real estate in Cass County for the assessment year of 1987 is \$162,023,990. The taxes are due in 1988.

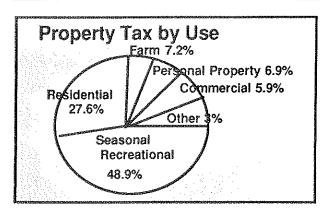
The assessed value by use is farm: \$11,686,052 or 7.2 percent; seasonal recreational, \$79,232,357, or 48.9 percent; residential, \$44,738,642 or 27.6 percent; commercial, \$9,562,850 or 5.9 percent; industrial, \$152,941 or .0018 percent; utility, \$3,047,937 or 1.8 percent; timber, \$2,248,089 or 1.3 percent; vacant property, \$73,760, and personal property, \$11,281,357 or 6.9 percent.

The 1988 budget of expenditures by function has been set at \$30,401,333.

Of that amount, general government will cost about \$2,628,555 or 12.9 percent of the projected budget. Public saftey will cost eight percent; highways and streets, 18.3 percent; santitation 19 percent; health 29 percent; welfare, 48.8 percent; culture and recreation, .07 percent; cons. of resources 4.5 percent and capital projects, \$300,000 or 14 percent.







#### IS A BOATING SPEED LIMIT NEEDED ON TEN MILE LAKE?

TMLA OFFICERS AND DIRECTORS discussed at considerable length during the February Board meeting the matter of whether a boating speed limit should be set for Ten Mile Lake.

They noted that the Gull Lake Association is seeking approval of a daylight limit of 40 miles per hour until one hour after sunset, and a night time limit of 20 miles per hour from one hour after sunset until one hour before sunrise. A public hearing on that issue is scheduled at Lake Shore City Hall on Gull Lake at 7:30 p.m. June 13.

SEVERAL DIRECTORS SAID they had received complaints about high boating speeds in recent years, particularly this past summer. It also was observed that, as outboard horse-power increases, speeds will do likewise.

The consensus appeared to be that it is better to deal with the matter before it has escalated into a major problem.

BOARD MEMBERS AGREED to gather more information on the issue and recommended distributing a questionnaire asking members for their views. Accompanying this newsletter is a return postcard questionnaire. PLEASE complete and return it. --Jim Schwartz.

# TAKE A "BOUGH" WHEN YOU REACH THE LAKE

Many summer residents of Ten Mile Lake will find "nature's litterbug" has been at work since they left last fall. A wet, heavy snow March 8 coated trees with a burden too heavy for some limbs. They broke off under the weight of the beautiful but destructive snow and came tumbling down.

White pines had the heaviest loss. Their branches reach out farther and already hold a load of long needles. Few whole trees fell, but many branches were casualties. At one cabin along Highway 71, half of the roof was covered with down limbs.

Buildings suffered little apparent damage, but it will be a big job to put the limbs in a suitable resting place. Three days later, a blizzard socked in the lake for 36 hours.

Apart from these incidents, the winter was not especially cold and snowfall was about average -- good for the winter sports of sking, snowmobiling and fishing through the ice. -- Bill Macklin.

#### SCHWARTZ APPOINTED TO COUNTY WATER RESOURCES TASK FORCE

A 13-member Cass County Local Water Management Planning Task Force has been appointed to study the county's water resources and prepare a management plan for future use. The plan is to be presented to the County Commissioners by November, 1989.

Included in the study will be groundwater, lakes, rivers and wetlands. The Task Force has held at least five meetings, one of them soliciting input from area residents.

Jim Schwartz, a past TMLA president whose home is in the Chariton Beach area, has been named to the group to represent the interests and concerns of lake property owners. At the time this was written a Longville meeting had been scheduled on May 7 for about 40 county lake representatives to invite their comments about water and other problems common to lake residents.

# FORMER ASSOCIATION PRESIDENT DIES AT 82

Jake Fleisher, 82, of Hackensack, died May 4 at Brainerd Hospital. He was active in Ten Mile Lake Association affairs from its organization in the 1950s and served as its president from 1968 to 1971.

Some years ago one of the two walleye rearing pends used by the Association was named Jake's Fond in recognition of his efforts at improving fishing in the lake.

Jake lived all of his life in or near Hackensack, where he was born. For many years the Fleishers' home was on Ten Mile. His widow, Alice, survives.

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David Dow, 75, a summer visitor to TML for 40 years, died November 23 at his home in Lincoln, NE. He was dean of the University of Nebraska College of Law from 1960 to 1966, retiring in 1978.

During World War (I. he was administrative assistant to J. Robert Oppenheimer during development of the atomic bomb at Los Alamos, NM. He is survived by his widow, Breta, whose parents built a cabin on Batcheller Bay in 1937, and by three children, Philip, Alice Molly and Jean.

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Opal Roby, 85, a longtime resident of Ten Mile Lake, died December 28 at Prescott, WI, where she had been living briefly in a nursing home.

She had a home on Robinson's Bay on the

west side of Ten Mile. She and her husband, Cecil, operated a restaurant in Hackensack for many years. She is survived by her daughter, Margaret Brown.

Last summer, Opal made arrangements to have a stretch of shoreline adjoining her property deeded over to the TMLA for designation as a wildlife sanctuary.

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Dr. Joseph W. Burnett, M.D., 74, died March 10 at North Port, Fi, where he had spent winters since retiring as a radiologist at New Ulm, MN. The Burnetts' cabin is located in the Northwest Shores development.

He is survived by his widow, Virginia, and three children, Joseph, Jr., Barbara and Kathryn.

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William W. Ring, 74, of New Ulm, MN, died February 10 at New Ulm. He had a cabin on Lundstrom's Bay.

He is survived by his widow, Mildred; three sons, Richard, Roger and Michael, and daughter, Linda.

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Dr. Mervyn Williams, 80, for many years superintendent of Ah-Gwah-Ching State Nursing Home near Walker, died May 7 at Woodrest Nursing Home in Walker. His Ten Mile Lake home is located on the south shore.

## BOARD DECIDES TO LEAVE ROBY SANCTUARY IN NATURAL STATE

AT LAST AUGUST'S TMLA Directors meeting the feasibility of establishing a trail through the Roby Wildlife Sanctuary was examined. As proposed, the trail would traverse the length of the area, would require a boardwalk and would be marked by informational signs.

The decision was to let the area remain what it is and what it was meant to be: an unviolated spot for protection of wildlife. It was felt that a trail could lead to excessive and undue disturbance to the sanctuary's wild inhabitants.

ANOTHER CONSIDERATION was the possible liability that could be incurred by the Association if any injury resulted from, say, a fall from the boardwalk or while strolling through the sanctuary. Appropriate signs designating the area as a wildlife sanctuary are being prepared.

The site, incidentally, is where Peter Roberts filmed much of his loon video. Copies of the video cassette may be ordered from the Deep Portage Conservation Reserve gift shop.

# HERE ARE OUR NEW MEMBERS SINCE OCTOBER NEWSLETTER

ANDRESEN, Edward and CHASE, Katherine
R.R. 2, Box 14B
Laporte, MN 56461 218-224-2435
HC 75, Box 770 547-3924
Retail Sales
Ch. - Ellie Chase-Andresen, David Chase
Andresen
S5149

ARSETH, Wesley & Dolores
20 Hill Street
Chanhassen, MN 55317 612-934-7520
HC 75, Box 176
Production Manager
Ch. - Bob, Sandi
H2083

DAVIS, Richard M. & Jeanne I.

114 Kimball Drive
Champlin, MN 55316 612-421-1155

DITTEMORE, Scott & Margaret (Carpenter)
3015 Park Hill Drive
Billings, MT 59102 406-652-2184
HC 75, Box 944 675-6346
Insurance Mgt.
L1329

GITS, John
Route 5, Box 820
Bemidji, MN 56601 218-243-2712
HC 75, Box 215
Mgr. Tradehome Shoes, Bemidji

GOGELA, Dr. Louis & Kathi
1210 Dorsey St.

Beatrice, NE 68310 402-223-3252
HC 75, Box 174 675-5185
General surgeon
Ch. - Scott, Steve
H2079

HAMILTON, Dr. Deb & SCHILLING, Dr. Fred 6858 Willow Lane Brooklyn Center, MN 55430 HC 75, Box 788 547-1022 S5113

HAMILTON, Clif S. III
2421 E. Country Club Drive
Fargo, ND 58103 701-237-3450
HC 75, Box 788 547-1022

HAMILTON, Robert Z.

2421 Country Club Drive
Fargo, ND 58103 701-237-3450
HC 75, Box 788 547-1022
S5113

HOPPE, Donald & Heidi
HC 75, Box 380
Hackensack, MN 56452 675-6265
Consulting forester
Ch. - Timothy, Christopher
H2581

JOYCE, Helen (Gits)
1802 Oakdale Ave., Apt. 311
West St. Paul, MN 55416 612-451-9731
HC 75, Box 215
Account Executive, St. Paul Pioneer-Press

KRAUSHAAR, LeMoyne & Gloria
R.R. 1, Box 169
Glenville, MN 56036 507-437-2652
HC 75, Box 738 547-1761
Farming
S5183

LEATHERMAN, David M. & Joyce A.
3955 Walden Shores Rd.
Deephaven, MN 55391 612-473-6915
HC 75 547-3910
Pres. Weather-Rite, Inc., Joyce - Realtor
Ch. + Gary, Greg
S5161

LOSBY, David P. & Mary Lee 9837 Colorado Circle Bloomington, MN 55438 612-831-2159 HC 75, Box 314 675-6277 H2401

MODS, Grant Rochester Post Bulletin Rochester, MN 55904 HC 75, Box 590 H3358

NELSON, Gayle & Elizabeth (Gits)
9545-50th Ave. SE
Brainerd, MN 56401 218-828-1378
HC 75, Box 215
Gayle - Journeyman for Coleman Electric
Elizabeth - Floral Designer, Midtown
Floral

ROBISON, Don & Sarah PSC Box 3777 APD, NY 09109 Howe's West Shore, Ten Mile Lake

## AS WINTER'S GRIP EASES SPRING MIGRATION QUICKENS

The lake began to emerge from its winter sleep about mid-April and by the evening of April 30 the last of the ice crust had disappeared -- four months and eight days after the freezeup on December 22. As always, the annual breakup was a fascinating spectacle -- huge mounds of shale ice creeping down shorelines; slowly undulating ice fields farther out in the lake as open water waves, driven by gusty winds, slid beneath the surface; the sharp clinking of ice crystals as they were pushed relentlessly shoreward. It was a great show!

During the April "warmup" period the spring bird migration began to gain momentum. Great blue herons, grebes, loons, mergansers, mallards, cormorants and wood ducks were spotted among the early waterfowl travelers. Tree swallows showed up on April 29. The next day purple finches were gathering at neighborhood feeders, followed a day or so later by pine siskins and gold finches. A late April ground feeder arrival was the chipping sparrow. Well

Still on their way as this was being written (early May) were the house wrens, cedar waxwings, grackles, bluebirds, purple martins and the dozens of other birds we look forward to greeting each spring. -- Jim Schwartz.

ahead of the pack were the robins, already on

their nests by the last week in April.

# SOME ODDS AND ENDS FROM THE SCRAPBOOK

WHENEVER YOU CHANGE OIL in your automobile or outboard motor gearcase, or replace brake or transmission fluid, take the used material to a local service station. They are required by state law to accept it and dispose of it properly. Above all, do NOT spread such substances on driveways or roads as a dust control measure. When applied in such a manner, these oils, which are classified as hazardous wastes, can easily contaminate groundwater as well as damage lakes and streams.

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STANDARD AUTOMOBILE ANTI-FREEZE (ethylene glycol), commonly used to "winterize" cabins at the close of the season, can be harmful to the health of your septic system. By overwhelming the organisms that make your system "work," the anti-freeze could be responsible

for an eventual septic failure. A better winterizing alternative is propylene glycol, an anti-freeze product used to protect recreational vehicle water systems. Still another safe alternative is windshield washer fluid.

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FOR THE SECOND SEASON IN A ROW the Walter Kanes have a pair of golden eye ducks nesting in their wood duck house. Last year, ten of twelve eggs hatched.

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LONG BAY RESIDENTS REPORT the best winter crappie fishing in years. Rudy Haukom says he and his buddies used small minnows to rack up frequent limits of pound to pound-and-ahalf sized crappies.

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WHO DWNS THE LAND UNDER Minnsota's lakes and what rights, if any, does the general public have to use the shorelines? According to Dave Milles, of the DNR, there is no easy answer to that question. But, he says, a general "rule of thumb" is that "shoreline property owners' rights follow the water level up and down." In other words, Milles continues, "the public normally has no right to use the shoreline or dry lake bed" along privately held property. The myth that the state owns a definable strip of land (commonly accepted to be 10 feet wide) around every lake and along every stream, he says, is not true.

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ANNOYED BY LOUD MOTORIZED WATERCRAFT? The state's regulation limits noise levels to no more than 84 decibels on the A scale at a distance of 50 feet for engines or motorboats manufactured before January 1, 1982, and 82 decibels on the A scale at a distance of 50 feet for engines or motorboats manufactured on or after January 1, 1982.

#### COMMODORE SCHEDULES THREE SAILING RACES

Commodore David R. Brandt of the Ten Mile Lake Yacht and Tennis Club has scheduled at least three races this summer, starting with the Fourth of July Regatta on the afternoon of July 3.

The Ten Mile Memorial Club Race is tentatively set for July 23 or 30, followed by the year end regatta on August 20 and 21.

Although races in the past have mainly been for Class C boats, Brandt said he would like sailors of boats other than Class C to contact him if they are interested in joining under a handicap system. Brandt's phone number is 675-6445. -- Bill Macklin.

#### TREASURER'S REPORT -- FEBRUARY 1988

#### Checking Account

Reginning Balance, 8/11/87	<b>\$ 1,636.83</b>
Expenses:     Frinting	\$-5,551.19 \$-4,500.00
Balance 2/27/88	\$ 507.04
Regular Savings  Beginning balance, 8/11/87  Interest income	281.96
Balance, 2/27/88	
Endowments, Gifts and Memorials Account  Beginning balance 8/11/87	2,953.02 140.00 47.37
Transfer to checking account	-3,712.00
Ending balance, 2/27/88	# 3,265,55
Molly Brandt Bliska	, Treasurer

## GXYGEN TESTS INDICATE HIGH WINTER KILL IN PONDS

Our first major use of the Association's new oxygen/temperature meter was made in late February on Hiram Lake and Jake's Pond. Jim Schwartz (meter reader), Bob Nelson (provider

of the auger, toboggan and pickup) and Bill Macklin (photographer) took readings at several sites on both bodies of water. Their findings: zero at all sites, exactly what they had hoped for. It means close to a 100% kill of carryover fish — ideal for this year's stocking operation.