



DRY WEATHER INCREASES FIRE HAZARD IN WOODS

Hot weather of the sort vacationers have been wishing for is bringing increased numbers of visitors to the woods country at a time when dryness has sharply increased the forest fire hazard.

Conservation officials report that in the fourteenth week of the forest fire season there were 54 forest fires that burned over 144 acres. This is the greatest weekly loss since the week ending May 20, before the rainy season, when 216 acres were burned over.

To date this year, 686 fires have swept through 116,222 acres of timberland—a record for fire control and suppression that compares favorably with the record of earlier years to the same stage of the fire season.

Since the forest fire hazard now is growing steadily on the dry plains of the northern forest country, conservation officers are renewing warnings to campers, fishermen and other woods visitors to be especially careful in disposing of campfires, and in putting out campfires.

NATURE TEACHERS PLAN 10-DAY TOUR OF STATE

Twelve hundred miles of conservation education on wheels, packed into 10 fast moving days, is in store for teachers of nature study, biology and conservation subjects, who begin their tour near Yanderbilt, August 11.

Sponsored by Western State and Central State Teachers' colleges and conducted by Russell J. Martin, superintendent of the conservation department's training schools at Pigeon River state forest headquarters, the tour will take teachers the entire length of the upper peninsula. Enrollment for the tour is now being completed.

The party will travel by automobile, and pitch a tent camp each night. Besides getting first-hand acquaintance with the economic importance of mining, forestry, game and fish to northern Michigan, the teachers will enjoy camping in such spots as the cool, washed pebble beach of Lake Superior, and seeing wilderness vistas far off the beaten tourist path. Familiar tourist landmarks on the schedule are Tahquamenon falls, Grand Sable banks, Pictured Rocks, Munising falls, Fort Wilkins, Brockway mountain drive, Porcupine mountains, Lake of the

Clouds and Big Spring near Manistique.

Slopes at Munising waterfalls laboratory, Eckerlinn trout rearing station, Cusino game area where deer feeding experiments are carried on, the forestry experiment station at Dukes, the model sawmill at Alberta, Iron and copper mines, fire towers and the big Thompson fish hatchery will tell the story of conservation management of the area. At each conservation station, persons in charge will talk of the station's work and give interesting instruction by the trip leaders.

This season's tour is the first extensive educational trip of this kind in Michigan. The party will leave from and return to Pigeon river state forest headquarters.

REPORT SHOWS 725 FISHING SHIPS OPERATING

Seven hundred and twenty-five commercial fishing vessels make up the fleet operating in Michigan waters now, a check on licenses issued to date by the department of conservation in the new license year reveals.

The 63 sport trolling licenses issued since July 1 already exceed by one the number issued in all of July last year. For all of 1939-40 the sport trolling licenses for small craft taking tourists deep-sea fishing for lake trout totaled 107.

The number of licenses already issued will be increased considerably when ice fishing begins, and more will be added next spring. The final total for fiscal 1939-40 is 1,315 licenses. Fees vary between \$10 and \$50 this year, according to the type and size of craft.

Commercial fishing craft are now limited to operation within 50 miles of their home ports. Sixteen of the 160 ports out of which fishing boats are now operating have more than a dozen licenses. At Alpena, Bay Port, Black River (Gegepena), Bay Port, Charlevoix, Gay, Grand Marais, Washington Harbor (Isle Royale), Manistique, Marquette, Munising, Northport, Ontonagon, Portage entry, St. Ignace, Traverse City and Whitefish point. Other points with more than a dozen licenses in the fiscal year just ended are: Bay City, Brimley, Calumet, Chassell, Cheboygan, Detroit, East Tawas, Escanaba, Essexville, Fayette, Garden, Gladstone, Grand Haven, Nantuxway, Oscoda, Rogers City, Sebewing, Standish and St. James.

Youth is not a time of life; it is a state of mind.—Samuel Ullman.

DEER CENSUS WILL BE TAKEN SIX TIMES IN SEASON

Tallying the whitetails of western Mackinac county is the regular monthly event for CCC enrollees of Camp Mackinac, who will take the deer census six times this season.

Bucks, does and fawns will be counted, to determine the ratio of the sexes and find the proportion of young to old animals in the herd. The game division of the conservation department is sponsoring the counting which will cover four areas and 15,400 acres during the season.

Sample areas, in which the deer drives are made are chosen carefully to determine populations in different types of forest cover. Averages for sample areas are multiplied by the square miles of each kind of cover to determine the deer population of the region.

Individual census drives are made by stationing men at intervals on three sides of a block of deer country, often a mile square. These counters tally the deer passing between them as shouting men advancing from the fourth side put the deer to flight through the counting "sleeve." Counting is an intensive year-round work in recommending measures for efficient deer herd management.

CCC WORKERS SET OUT 5 1/2 MILLION SEEDLING TREES

For the forests of the next generation, CCC workers set out on Michigan state forest and land in the first half of 1940, five and a half million seedling trees.

Three-quarters of a million of the trees are hardwoods, planted principally for wildlife food and cover. Hardwood plantings were made on the Cusino, Crawford and Escanaba river game areas.

Pine plantings made this year by CCC labor include the setting out of 700,700 seedlings on Mackinac state forest, 155,400 on Hardwood state forest, 493,600 on Black Lake state forest, 798,700 on Houghton Lake state forest, 160,000 on Higgins Lake state forest, 1,446,600 on Au Sable state forest, and 855,175 on Lake Superior state forest.

Two demonstration areas were planted with 8,000 pines, two near Vanderbilt with 9,500, and two near Kalkaska with 11,500, for public education in reforestation.

Since CCC crews began work on state forest and game areas they have planted approximately 52,000 white, Norway and jack pines, and 3,500,000 young hardwoods.

STATE TROUT LAKES INCREASED BY ACQUISITIONS

With recent acquisitions of frontage on an additional four lakes and two streams, the conservation commission has increased to a total of 17 lakes and four trout streams the shore line purchases which it has made during the last five months as guaranty that fishermen will continue to have access to fishing waters.

Newest purchases include 50 feet of frontage on Round Lake and 150 feet on Clear Lake in Van Buren county, 228 feet on Paw Paw Lake in Berrien county, 500 feet on Big Lake in Allegan county, 2,000 feet at the mouth of the Ford River in Delta county and 200 feet at the mouth of the Au Sable River near Oscoda in Iosco county.

Shore for acquisitions is made available through the setting aside for the purpose of 40 cents of each dollar paid for fishing licenses, such sums being allocated by legislative act for purchases of shoreline properties, lake and stream frontage, and research which may result in better fishing.

SEA LAMPREY IDENTIFIED NEAR ST. IGNACE

A new "farthest north" for the sea lamprey, a newcomer to the upper Great Lakes by way of the Welland canal is recorded with identification of two specimens of this fish parasite taken by George Friable of the U. S. forest service from the Pine river near St. Ignace.

Identification was made at the conservation department's institute for fisheries research at Ann Arbor. This is the first find of sea lampreys in the upper peninsula, the farthest north reached last season being in rivers at the tip of the southern peninsula.

Specimens taken were a male and a female, each 18 inches long. Because of the lateness of the season, lamprey spawning runs are still in progress. Sport fishermen have been asked to report any spawning runs observed. Commercial fishermen destroy the sea lampreys found clinging to fish taken in nets.

A free-swimming mud dweller when young, the lamprey becomes parasitic at maturity, and sustains itself with its strong sucking

mouth to larger fish, it feeds on the blood of its victims. Lamprey scars decrease the value of commercial fish. Where they are abundant, lampreys do extensive damage to fish populations.

First observed in Lake Erie in 1921, the sea lamprey has extended its range farther through the upper lakes each season. It is distinguished from the native lamprey by its greater size, divided dorsal fin and mottled coloration.

In eastern states, lampreys are commercially important as a food fish. A primitive among fishes, the lamprey has no bones, the entire skeleton being cartilage.

Four Archers Succeed In Bagging Their Deer

Killing a buck deer with a feathered shaft next fall is the chance in a hundred inspiring extra hours of archery practice on the range this summer.

Only four out of 499 archers who bought special deer hunting licenses last fall reported bagging a buck. Reports to the game division of the department of conservation account for the luck of all but 155 of the archers.

Genawar county had the greatest concentration of archers, and two among the 81 bowmen there were successful. Newago and Gogebic counties yielded the archers one buck each. Four of the 499 archers were non-residents. Only 18 tried their skill in the upper peninsula.

Crowds seeking relief from hot weather at Michigan state park beaches have filled the parks "full to overflowing" on weekends, superintendents report.

Read the Want Ads!

Good Fishing Reported For Hot Weather Anglers

Continued hot weather that has driven bathers to the beaches and campers to their tents in the woods has sent fishermen out to full force on the state's lakes, while fishing on the state's trout streams is reported slowing up a little in some regions.

Bass, bluegills, walleye and northern pike fishing is reported good to excellent on inland waters in many districts, as lake fishing "comes into its own." Fishing for panfish similarly is producing well on neighborhood lakes and streams. In Great Lakes waters, trolling rigs which take tourist anglers out for deep sea fishing for lake trout report a busy season.

Newberry Seeks to Build Up Canoeing Facilities

Boasting "50 miles of the finest canoe water in the midwest" on the Tahquamenon river from the Newberry boat landing to Whitefish bay, a group is seeking development of camping spots and portage trails around the famous upper and lower falls.

The downriver trip through unspoiled wilderness takes five days. Travelers will arrange their return from the mouth of the river by truck or trailer.

DEEP WELLS TESTED
Tested drilling for oil at a depth twice as deep as the present deepest commercially producing well is underway in Monitor township of Bay county. The oil company pumping down the well is seeking all the Trenton formation at about 9,000 feet. Where this formation is nearest the surface in Monroe county, it has showed oil.

Maps of Keweenaw Are Available From State

Six new maps covering the tip of the Keweenaw peninsula, prepared by the United States geological survey from airplane photographs, are now available from the geological survey division of the Michigan department of conservation.

Named the Central, Delaware, Lake Medora, Fort Wilkins, Dr.

neau creek and Deer lake quadrangles, from the principal surface feature in each, the maps cover about 50 square miles of territory each. (Central quadrangle includes the Eagle Harbor region). Known as "planimetric" maps, they show lakes, streams, roads, trails, woods and clearings, but not elevations or contours.

Letters to the Editor MUST BE SIGNED

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'Mother Knows Best' Doesn't She?

Guiding their inquiring minds and dynamic activities... choosing their food, clothes, entertainment and health needs... the well-informed modern mother knows what is best for the welfare of her offspring. And it is safe to say that an incalculable share of her accurate information has had its beginning in the advertising columns of this newspaper.

Many of the advertisements today bristle with ideas. They are more than catalogs. In the true sense, they are education! Scientific minds contribute to their contents. Their recommendations are based on deep thought. Their words are carefully chosen; their diction studiously formed for clarity and understanding.

Through advertisements the mother of today learns authoritatively about new methods in the care of children's teeth. About antiseptics and hygienics. About body-building and health-giving foods. About new comforts as well as new styles, in juvenile wearing apparel. About books and schools and vacation camps... The advertisements pour innumerable hints and suggestions into her store of knowledge. They make her a more capable manager of the home and guardian of the family exchequer.

"Mother knows best"—is this expression heard about your home? Is it just an admonition? Or, is it founded on facts. Reading advertisements will to help make it so.

LOOK lady! with JOSEPHINE HUBLESTON

The green-eyed monster is bedeviling many a gal these days. And, all because feminine figures have been on the loose for so long we hardly know how to gather them back into the folds of the new frocks.



"It we'd use our eyes for to see with, we'd observe that the ladies who wear the new frocks so beautifully are the ones who make their bodies obey them. Yes, they're the girls who've learned that posture isn't a seven-letter word for 'position of the body'—but a physical plan of action necessary for wearing clothes successfully.

Sighing and weeping—even a bit of polite cussing—over curved shoulders, caved-in chests, relaxed midriffs and pushed-forward heads won't help.

Not! It will take a bit of fire and iron—both in will and muscle power—to mold yourself back into the kind of shape which will do justice to the new frocks. But, aren't they worth it?

After all it's said and done—it's the muscles that hold the body up—or let it sag. It's the muscles that must obey the commands sent by the brain. And they can't obey—no matter how much you will it—unless they are physically able.

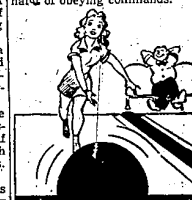
Girls who bowl regularly will tell you that one of the nicest things bowling has done for them is to improve their posture. It

makes the body alert, alive—glad to stand erect and move smoothly.

Bowling does this because it stretches and pulls the kinks out of tired, relaxed muscles. Continued stretching and pulling of the muscles firms them—peps them up—makes them elastic, pliable, limber.

You see, bad posture usually sneaks up on us when we're tired. And, this being a hectic, high-pressure world, we're apt to be tired and let down pretty often unless we recognize the symptoms and do something about it.

Regular bowling works all the muscles at one time, gets them in the notion of working together smoothly, gets them in the habit of obeying commands.



With all these figure benefits working for your improved posture—and while you're having a perfectly grand time taking a crack at that king pin at the end of the maplewood—it will be no time at all before the green-eyed monster will be nibbling only those gals who don't bowl regularly!