

MICHIGAN TAGS ARE CHEAPER

Michigan's resident hunting license is 54¢ lower than the average fee charged residents in other states and is one of the few states in which no general fishing license is required, the Department of Conservation has indicated from figures compiled from hunting and fishing license fees charged in the various states.

Thirty-two states having licenses to hunt game charge residents an average of \$2.39. Michigan's resident small game license costs \$1.75. Fees in other states range from 65¢ to \$8.

Twenty-five states provide for a combined hunting and fishing license for residents. These licenses average \$2.79. Michigan has no such license.

General fishing licenses are provided in 29 states and these vary in cost from 65¢ to \$5.00. The average cost for a resident general fishing license is \$1.60. In Michigan residents pay \$1.75 for a license to fish for trout. No license is required to residents to fish in season for any other species.

Michigan now charges non-residents a fee of \$4.00 to fish in Michigan waters. The average fee for non-resident fishing licenses in the 46 states having such licenses is \$4.09.

Eighteen states having combined hunting and fishing licenses for non-residents charge an average of \$21.65. Michigan charges \$10 for non-resident deer hunting licenses but has no general license.

While more or less complicated and specific provisions for non-resident hunting licenses in other states do not permit of accurate comparisons with the fees charged in Michigan, it is believed that the non-resident deer license is much higher than those charged elsewhere.

Too Bright

City Slicker: "What does your son do?"

Farmer: "He's a bootblack in the city."

C. S.: "Oh, I see; you make hay while the sun shines."

Speedy's Court

Prisoner: "Everything I do, I do fast."

Judge: "Better do sixty days; see how fast you can do that."

New Los Angeles Park for Olympic Games Completed



In July the eyes of the world will be focused on this new athletic plant in Los Angeles, where the United States will play host during the Olympic games. In the center is the Olympic Stadium; lower left, the swimming stadium; upper left, the fine arts building, and upper right, the fencing pavilion. The park is the largest of its kind in the world.

BEAUTIFY GROUNDS AT THE GRONINGEN

The Holland Fish and Game club is devoting its efforts toward beautification of its grounds at New Groningen. About 300 trees have been planted, shrubbery has been set and the place has been raked and cleaned.

The shiner pond has been stocked and new refuges placed in the ponds. The bass ponds will be restocked about June 20 and the bluegill pond at a later date.

The club now has approximately 500 members. Twenty cents of each member's dues is being devoted to welfare work on the grounds. Several members have purchased extra memberships, which are being given to former members unable to renew, to keep them interested in the work of the club.

Bible Meet Scheduled At Clifford Lake Site

Michigan-Illinois Bible school conference will be held at Clifford Lake July 31 to Aug. 7.

Rev. N. C. Carlsen, president of the United Danish Evangelical Lutheran Churches of America, will be the principal speaker. Rev. Christian L. Spear of Greenville is chairman of the conference. Committee chairmen include Marvin J. Nelson of Stanton, Luther Rasmussen of Greenville, Vego Nelson of Greenville and Anker Siersbeck of Indianapolis.

Gets \$300,000 Contract

A contract approximating \$300,000 and calling for 60 passenger vehicles to be used in intramural transportation at the Chicago "Century of Progress" Fair in 1933, recently was closed by the General Motors Truck Company, Pontiac. Two of the special units will be built at once, and the remainder will be delivered after April, 1933. Each of the coaches will have a seating capacity of 50, with standing room for 45 additional.

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Monroe Port Project Would Cost \$1,000,000

Two decisions, one by the voters of Monroe and the other by the War Department, will determine whether or not Michigan will witness the construction this year of its only harbor on Lake Erie, states the Associated Press. The project, estimated to cost \$1,000,000, will be the most important harbor development in the Detroit-Toledo area since the dredging of the River Rouge.

Monroe voters will go to the polls May 12 to decide on the incorporation of the city as a port district. Such a district, established by a three-fifths vote, is enabled under a state law to contract with the government on waterway project co-operation and to levy taxes for harbor development.

A favorable vote will enable the city to enter into a contract with the federal government under a modified co-operative clause providing that the War Department accepts the proposal made by the city. Under the original agreement between the government and the city, the Monroe port was to be built at a cost of \$1,145,000, of which the city was to pay \$490,500 in lump sum. Local financial conditions have made it impracticable to pay this amount.

As an alternative, the city has proposed that the government pay the first cost of harbor improvement, which, under present conditions, would cost somewhat less than the estimate made in 1929. Instead of contributing a lump sum, the city would pay its share in 10 annual installments of \$35,000, the government's estimate of the cost of annual maintenance.

The Monroe port project provides for a 300-foot channel 21 feet deep, extending 14,800 feet out into the lake, with protecting breakwater. From the shore line inland, the channel will be dredged 200 feet wide and 21 feet deep a distance of 9,200 feet. A turning basin with an area of 22 acres and a depth of 18 feet will be dredged at the end of this channel and a nine-foot channel will be continued another 1,200 feet.

Credit Managers Plan State Meet

The state convention of the Michigan Association of Credit Bureau Managers will be held in Charlotte May 16 and 17, according to announcement by Kenneth Barnes, manager of the Eaton County Credit Bureau.

The state association has a membership of 75, most of whom are expected to attend the meeting. C. W. Otto, secretary of the Lansing Chamber of Commerce, will be toastmaster.

Banker Is Advanced

Clifford B. Longley, president of the Union Guardian Trust Company, Detroit, has announced the election of A. F. Maxwell to be vice-president of the company. Mr. Maxwell came to Detroit in 1925 and was in charge of the corporate trust department of the Guardian Trust Company. He became secretary of the Guardian Detroit Union Group upon its organization in 1929, a position he vacated to join the staff of the Union Guardian Trust Company.

May Build Refinery

Pure Oil Company is reported to be considering the construction of a new refinery at Midland, the home of the Dow Chemical Company. The Pure Oil Company's 40-mile pipe line from Mt. Pleasant tank farms to loading docks at Bay City passes through Midland.

SHE WAXED PETULANT

A young lady entered the stationary store and asked for a pound tin of floor wax.
"I am sorry, miss," said the clerk. "All we carry is sealing wax."
"Don't be silly," she snapped. "Who'd want to wax a ceiling?"

NEW BUSINESS COURSES FOR SUMMER TERMS

The growing realization among business men that modern business and commerce is a complicated organization of finance, credit, accounting, merchandising psychology and personnel management, far removed from the simple trading of country store days, is leading an increasing number of college graduates now in business to return to colleges and universities during the summer terms for special training, says Dean E. H. Kraus of the University of Michigan summer session. This year will also probably see a large enrollment, in business college schools, of recent graduates, at present unemployed, who will use their leisure to further their technical training, he believes.

The School of Administration in the University of Michigan will offer during the summer a series of courses of a basic nature, it is announced, including principles of personnel, advanced accounting principles, two courses in the fundamentals of marketing, two courses in business law and two in financial principles. The session lasts eight weeks, beginning July 27 and ending August 19.

Plaques Will Mark Parks

Some time in the future visitors to Michigan's state parks noted for their historical associations may find plaques that will recount in bronze or stone the story of the spots that are being preserved for the public.

Such plaques would detail to the visitor at the Fort Wilkins State Park the history of that pioneer outpost; would tell the glory of Michigan's once great pine forests to those who seek to obtain a glimpse of virgin trees at the Hartwick Pines State Park; or which will relate the Indian Legend associated with the Big Spring in the Palms-Book State Park.

The Park Division of the Department of Conservation has frequently received suggestions that places of historic interest—preserved through state parks—should be properly marked that their significance might be known and understood by the thousands of visitors who annually visit these places. Stone tablets, bronze plaques, and wood carving, have been among the suggestions.

While many of the parks have places of interest that should be properly marked, it has been financially impossible to do so, according to P. J. Hoffmaster, superintendent of State Park. They would involve considerable expense and so far provisions for accommodating increasing numbers of visitors have required all of the available state park funds.

Belding Silk Mills Are Ordered Removed

President R. C. Kramer of the Belding-Hemingway Silk Mills, has notified the Belding Citizens' Committee that the plant will be closed and moved within 90 days to Putnam, Conn. This will throw 325 persons out of work.

The company wanted a subsidy of \$197,500 for the next ten years, and the committee offered \$5,000 a year for five years.

Flint Plant Adds Unit

Flint Nut Company, which recently purchased the plant of the Acorn Nut Company, has resumed operation of the plant with Morton L. Jones of Rochester as new manager. The plant manufactures the patented Acorn finished nut, bolts and various automobile parts.

The Flint Nut Company was recently incorporated with capital of 90,000 shares of no par value, by Lawrence Rothenberg, Roy R. Fisher and Thomas H. Evans, all of Detroit.

Wayne Plant May Gain In Big Aviation Deal

Recent acquisition of a 20 per cent interest in the Aviation Corporation of Delaware by E. L. Cord and associates, through the Cord Corporation, is expected to be productive of a substantial increase in business for the Stinson Aircraft Company at Wayne, Mich., the plane manufacturing unit of Cord Corporation. Cord now controls approximately 500,000 of the 2,800,000 shares of Aviation Corporation stock outstanding.

The latter company is the third largest of the aviation holding companies. Aviation Corporation has total assets of over \$19,000,000 and operates 80 daily schedules over 8,593 miles of routes extending from coast to coast and from Mexico to Canada. It has 105 airplanes in service and in 1931 flew 7,566,529 revenue miles. It conducts extensive passenger and mail operations, currently operating 12 of the 25 government contract mail routes of which two are leased to other companies.

Century Air Lines, Inc., and Century Pacific Lines, recently acquired by Aviation Corporation from Cord, operated 6,902 and 6,918 miles daily, respectively, much of which was in direct competition with American Airways, Aviation Corporation's transport subsidiary. Neither of the Century services had mail contracts.

Acquires Detroit Building

Only one bid was made at the recent public auction sale in Detroit of the Fidelity Bank and Trust Company's building, located at the northeast corner of Griswold and Congress streets. It was sold to the Prudential Life Insurance Company of New York for \$25,000 in cash and the assumption of the \$1,200,000 mortgage which the life insurance company holds on the property.

The building is 37 years old and was erected and occupied for many years by the Union Trust Company. It is one of the city's earliest steel-frame skyscrapers. The sale was made by J. Walter Drake and Harry J. Fox, receivers for the bank, by order of Judge Ormond F. Hunt of the Wayne Circuit court.

Corunna Gets Industry

Corunna Manufacturing Company, at Corunna, Mich., has purchased the "B" plant of the former Weatherproof Body Corporation in that city, as well as part of the mechanical equipment of the body concern's "A" plant and will begin at once the manufacture of truck bodies and cabs, radio cabinets, metal stampings and other specialties. At capacity the plant will employ 200. The company is sponsored by Fred J. Ritter and L. F. Gardner.

Premier Strawberry Plants

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COLLECTION OF PAPYRI GROWING AT UNIVERSITY

A recent survey made by Mrs. Elinor M. Husselman, curator of manuscripts and papyri in the general library of the University, shows that since the first steps were taken by the late Prof. Francis W. Kelsey to bring to the University of Michigan the papyri which are now in its library, 40 different publications, one of which is a book and the remainder articles in journals and volumes of collected papers, have been based on papyri in this collection.

These publications have appeared in such widely separated journals as classical philology, the transactions of the American Philological Association, the Harvard Theological Review and other journals printed in the United States, the Annales du Service des Antiquites de l'Egypte, the Zeitschrift für Ägyptische Sprache und Altertumskunde, and a volume of studies published in honor of Giacomo Lombroso at Milano, Italy.

Up to the present time only about 275 of the papyri in the collection have been specifically published. Inasmuch as the entire collection contains nearly 6,000 inventoried items, it is quite evident that sufficient work remains for Michigan papyrologists for many years to come. The publications which have already been made have aided in throwing light on various phases of ancient science, the history of Roman Egypt, biblical criticism, and private life in Greco-Roman times.



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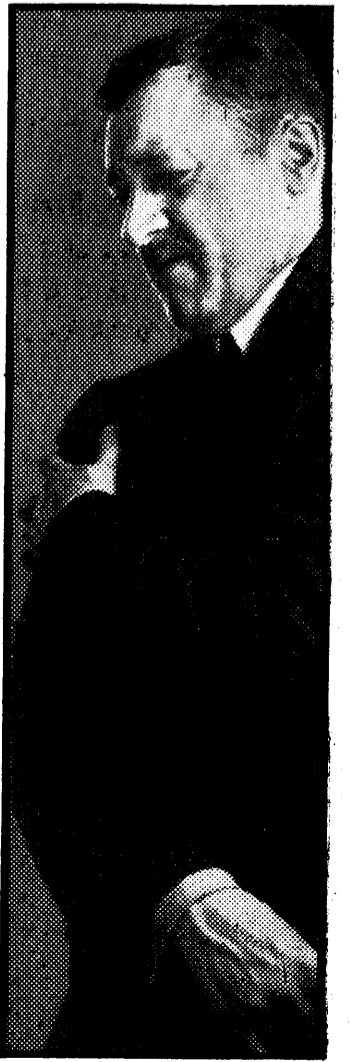
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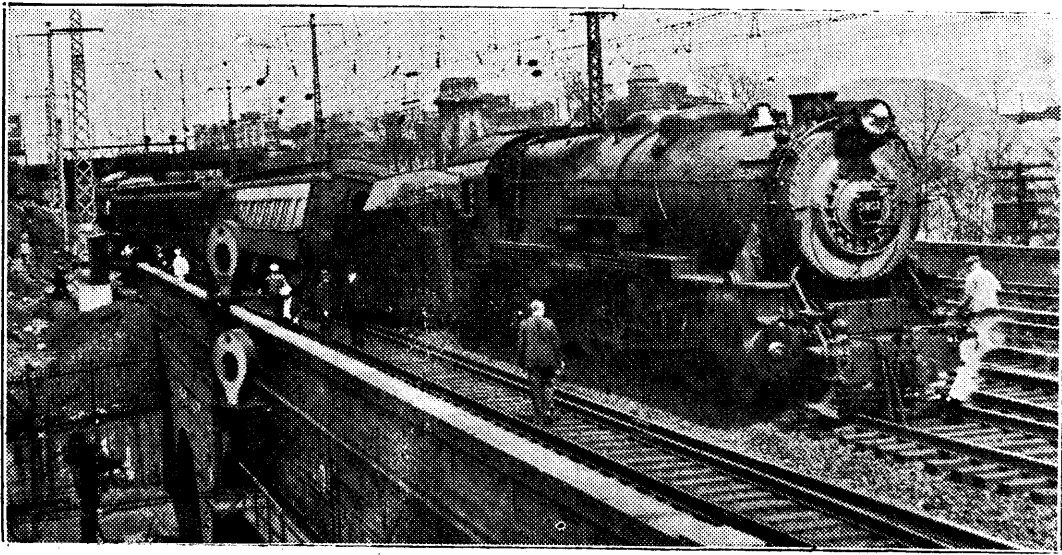
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CAMERA NEWS

Fireman Hurlled From Cab As Express Is Derailed



This general view shows the locomotive, tender and three Pullmans of a Pennsylvania railroad express, which were derailed just outside Philadelphia on the way from New York. A fireman was hurlled from the engine cab and critically injured by the accident, which occurred as the train was rounding a curve at 25 miles per hour. None of the 200 passengers were hurt.

South Sea Atmosphere—and It's Not Made in Hollywood



Douglas Fairbanks is pictured in Tahiti in the South Seas, surrounded by a bevy of Tahitian belles who are taking part in the production of his latest picture. The particularly striking "Tahitian" seated in front of him is Maria Alba, his American leading lady.

Plan to Map Antarctic Wastes



Lincoln Ellsworth (right), veteran Arctic explorer, and Bernt Blachen (left), who piloted Byrd on his South Pole flight, are seen in New York looking over the plans for their projected flight across the Antarctic Continent to gather geographical data. The expedition will take place from September, 1933, to May, 1934.

Turf Season Opens at Jamaica



This unusual picture shows the field in the second race on the opening day at Jamaica race track, New York City, rounding the turn before entering the home stretch. The leading horse, Daily News, was the winner at 15 to 1.

Russian Charmer



Seen in New York upon her arrival there en route to Hollywood is Anna Sten, slim Russian peasant girl, who is now recognized as the most outstanding Russian film actress. She rose to her position in a few months, being trained in Soviet state theater organizations. It is thought she will be Ronald Coleman's new leading lady.

Full of Teeth



Rita Jean McDonald, 18-month-old daughter of William McDonald of Kansas City, Kan., has possessed the full set of teeth seen in this closeup since the age of 16 months, and cut her first tooth at five months. It is believed that she is the youngest baby on record to achieve such a feat.

CONDITION OF WINTER WHEAT CROP IS GOOD

The condition of the Michigan winter wheat crop on April 1 was the best for that date since 1927 according to the figures released today by Irvin Holmes, assistant agricultural statistician, and Herbert E. Powell, commissioner of agriculture. The mild winter with ample but not excessive precipitation has resulted in excellent growth, and the loss of acreage from winter-killing and heaving promises to be no greater than last spring or about one-half the average abandonment during the last ten years. The condition figure of 86 per cent indicates a probable production of approximately 13,800,000 bushels, but as the crop is still in the early stages of growth, the final production may vary considerably from this estimate. Such a crop would be ten per cent below average due to the decline in acreage since 1922.

The United States winter wheat crop has been estimated at 457,970,000 bushels by the department at Washington. This is 42 per cent less than the amount harvested last year. The acreage sown last fall showed a reduction of ten per cent, and the condition of the crop on the first of April was thirteen points below a year ago.

Home Cabbage and Cauliflowers

Fine, solid heads of cabbage are always a prize in the home garden and the pride of the gardener. With careful management the home garden can be made to yield a year round supply so that before the winter store is exhausted the early cabbages are ready to gather. There is one point to be considered. The cabbage is a bulky vegetable, and in a small garden should not be attempted.

The space could much more profitably be given to cauliflower, which is always much more expensive in the market than cabbage. The small pointed head types of cabbage, such as the well-known Jersey Wakefield, are generally considered the best, most easily grown, and surest heading for the small garden.

The home gardener would do well to grow Savoy cabbage for the table, the finest quality cabbage, but not a good keeper and not widely grown for the market. It should be grown to be used direct from the garden. Cabbages like rich soil, as rich as they can be given, plenty of moisture and good cultivation.

Cauliflowers rejoice in the same conditions. In the small garden they can be set two feet apart each way, and they should be hoed often and watered freely. That is the secret of getting fine, snowy "curd" as the "flowers" are often called. When the heads get the size of an apple, gather up the big, loose leaves and tie them by the tips. This will keep the sun off the "flower," protect it from insects, and at the same time blanch it. If exposed to the sun it will not have the desired white.

The cauliflower is easily grown with a little care, and fine, big heads can be developed. It is a vegetable for intensive culture, and a dozen plants in the small garden will give good returns at the expense of hoeing and watering. Good sized heads even when this vegetable is most plentiful are expensive in the market, and the quality often is not all that could be desired. Quality cauliflowers are the product of the home gardener. They must be sprayed early for the cabbage worm before the heads form.

Five U. S. Tips To Guard Against Misbranded Seed

Five suggestions to farmers buying seed are advanced by the United States department of agriculture in an effort to protect buyers against misbranded seed. The five suggestions are:

1. Insist on a statement of the date of germination as well as the actual germination test. The germination test date should not be more than a month or two before the date of purchase.
2. If uncertain that the variety is as represented insist on evidence or a positive statement as to variety.
3. Whenever possible buy seed only in a region where the variety is commonly grown.
4. Test the seeds as soon as possible after buying. If you do not have testing facilities have a sample tested by your state seed analyst. This may prevent the planting of poor seed. It indicates whether the seed is as represented.
5. Beware of seed offered at abnormally low prices. Be certain of the quality before buying.

The federal seed act prohibits interstate shipment of misbranded seed and anyone who buys seed which appears to be misbranded should report it to the officer in the state who has charge of enforcing seed laws.

The squirrel, full of energy and vim, First spins the wheel, and then the wheel spins him.

Farmers Plan to Grow Own Food

Farmers, especially in the South, are determined this year to be more self-sustaining as to food and feed-stuffs, according to the Bureau of Agricultural Economics in its April 1 report on the farm situation, citing farmers' plans to curtail unprofitable cash crops because of continued low prices.

Plans of farmers in the spring wheat area to sow 3 per cent more spring wheat acreage than was sown a year ago are interpreted by the bureau as "a determination of the spring wheat territory to 'come back' after its disasters of last season." Farmers are planning to sow 4 per cent more oats than a year ago, 7 per cent more barley, but to make not much change in acreage of corn and potatoes. Substantial reductions are contemplated in plantings of rice, tobacco, beans, and flax.

The bureau says that "the early growing season which was hailed a month ago received a sharp setback from the storms and cold waves of March. The South suffered the brunt of the crop damage. Tender truck crops, such as beans, cucumbers, and tomatoes, were injured badly. From Texas to the Atlantic, many fields of these vegetables—and also early gardens—were wiped out. Tree fruits were injured somewhat."

However, despite this damage, the bureau considers it "unlikely that the ultimate crop acreage will have been affected greatly by the March freeze. Considerable replanting has been made necessary, however, and the maturity and marketing of southern truck crops will be delayed."

The bureau notes that in January heavy shipments of wheat from the Southern Hemisphere were supplying a large part of the world's import requirements so that there was little export demand for United States wheat. More than 100,000,000 bushels have been shipped out of Australia and Argentina since January 1, this quantity representing more than one-half the world's wheat exports during this period. Most of the remaining shipments were from Canada, and relatively small quantities from Russia and the Danubian countries.

Farm prices of all agricultural commodities listed by the bureau are below pre-war levels, ranging from a low of 50 per cent of pre-war for cotton to a high of 76 per cent of pre-war for dairy products. The average index of prices received by farmers in March was 61 per cent of pre-war, or one point higher than in February. Farm wages in January were 98 per cent of pre-war, and industrial wages were 191 per cent of pre-war.

Crying Lambs Need Help, Not Sympathy

Lambs which have weeping eyes are not usually showing their concern over the condition of the stock market but are exhibiting the symptoms of eye irritation, which if neglected, results in the animal becoming blind, according to the animal husbandry department at Michigan State college.

One of the most common causes of the irritation is an inturning eyelid which permits the eyelashes to continually rub against the eye. The eyes so affected show a watery discharge and develop a cloudy film which often changes later to a white spot that gradually enlarges into a red, ulcerous swelling. This swelling may enlarge until it bursts and ruptures the eyeball.

Inturning eyelids can be held in place with strips of adhesive tape or the lid can be stitched back with a needle and silk thread. A small slit cut in the lid will cause it to thicken and prevent the lashes from injuring the eye.

Washing out the eyes with a 10 per cent solution of boric acid or a 15 per cent solution of argyrol will remedy simple cases of eye infection. This condition appears in the flock at intervals and should be treated. The affected sheep should be kept in a darkened place, as strong light makes the diseased condition worse.

One flock of Michigan ewes inspected by a member of the college animal husbandry department this spring had 25 per cent of sheep blind in one eye and one which was blind in both.

Depression Has No Effect On Horses

Horses are the only animals on the farm that have not depreciated materially in value during the depression, according to R. L. Olds, Kalamazoo county agricultural agent.

The normal requisite for replacement of horses, in Michigan is about 20,000 annually, Olds reported. Of these about half are raised in the state and about 10,000 annually are shipped in from other states. Between Jan. 1, and March 17, Olds said, 3,954 horses were shipped into Michigan.

Effort is being made to increase the number of horses raised in Michigan, not only to cut down the amount of money spent in other states for the purchase of horses, but also to provide Michigan farmers with horses suited to their requirements. Each year, Olds said, Michigan farmers pay approximately \$10,000,000 to farmers in other states for horses.

POULTRY

BABY CHICK COMPLAINTS

No class of claims are more stubborn than those having to do with the baby chick business. While they are few as compared with the great volume of business done, they are none the less hard to adjust. In nearly every instance claims resolve into a matter of dispute and to arrive at the true facts would tax the wisdom of a Solomon.

After careful analysis it has been found that nearly all differences are due to a lack of understanding by the purchaser as to where the responsibility of the hatchery leaves off and that of the buyer begins. Here are a set of rules which should fairly cover the service that the hatchery usually does and should render and what the buyer should assume, which is about as follows:

First, the hatchery should use eggs for hatching that come only from flocks which he knows to be of standard breeds, free from disease and crosses.

Second, the hatchery should not ship chicks other than those hatched in his own incubators, unless he notifies the buyer and gets his assent thereto.

Third, the hatchery having lawful interest or ownership in hatcheries located at points other than his regularly advertised business address, should state this fact and the location of such hatchery, in his advertising.

Fourth, the hatchery's duty in case of failure of expected hatches, where he is unable to fill orders as agreed and scheduled, is to immediately notify the buyer, in writing, at the same time offering him a refund in case the buyer does not wish his order filled from the next succeeding hatch, and the date of such hatch should be clearly stated. If unable to fill the order from this hatch, then he should refund the buyer his money in full within 24 hours thereafter.

BROODER-HOUSE LITTER

Ground corn cobs make satisfactory litter for brooder houses, says the Nebraska College of Agriculture. The coarsely ground cobs make as good a litter as chopped hay or straw.

Some poultrymen prefer to use commercial litters. Sand does not make a good floor covering unless the chicks are well fed all of the time. Chicks placed on sand sometimes fill up on it producing indigestion and other unsatisfactory results.

EGG RECEIPTS DROP

Receipts of eggs at four leading cities since January 1 have been about 18 per cent less than last season. Farmers reduced their laying flocks only 2.6 birds during February against 4.4 last season, so that total numbers per flock are only 2.5 per cent less than a year ago. Inability to finance as well as unwillingness to take the risk have been keeping demand for eggs for storage in check.

SHOW GOOD METHODS ON POULTRY TRUCKS

A truck equipped by the poultry department of Michigan State college to show some of the methods which should be used to grow healthy chickens will visit 25 counties in the state.

Michigan flock owners see some prospects for better prices due to a decrease in eggs held in storage, smaller numbers of laying hens kept on farms, and fewer numbers of baby chicks bought this spring to be grown for layers, according to the poultry department at the college.

The college department says, however, that profits from any flock, especially under present conditions, depend upon the quality of the birds in the laying flock and that goodbirds cannot be placed in the laying house unless great care is exercised in raising the birds. The Better Chicks truck will carry models of all types of poultry houses and of poultry house equipment.

Some of these models show how home made equipment can be made. A watering device which is shown on the truck can be built by any poultry raiser and will save a great deal of time in watering the birds. Self feeders for mash or grit and shell can also be built from plans shown on truck.

A member of the college staff will attend each meeting where the truck stops and will talk about methods which will produce healthy birds. County agricultural agents arrange the time and place for the meetings in each county.

The truck will be at the college during the egg and chick show to be held May 17, 18, 19 and 20.

Finds Way to Cut Losses in Onions

Onion growers of Pleasant Valley who were facing the bleak prospect of financial ruin in 1928 because of "yellow dwarf," a virus disease of the onion, are awaiting the spring planting season with new hopes and bright prospects.

In 1928 losses from "yellow dwarf" amounted to 95 per cent of the crop Dr. C. J. Drake, state entomologist at Iowa State college, has found that "yellow dwarf" was being carried by three species of aphids or small plant lice.

Discovery of the disease-carrying agents will enable Pleasant Valley farmers to renew their profitable onion growing by controlling the aphids.

HOSPITAL HAS ONE OF FINEST X-RAY DEPTS.

After four months of remodeling and installing new equipment, the University of Michigan hospital, in Minnesota, opened its new X-ray work second only to the Mayo clinic in Minnesota, opened its new X-ray department recently, which visiting experts pronounced unexcelled by any similar installation in the country.

The new unit is featured by a novel plan of rooms and apparatus which stresses convenience and privacy for patients and the quick processing of the X-ray films. From waiting rooms the patients are directed to private dressing rooms from which they pass by private corridors to the proper department as called. A complete "traffic system" of lights which indicate what rooms are in use to all offices of doctors and the directing staff makes possible quick routing of patients, so that routine X-ray examinations may be made at the rate of twenty an hour.

Rapid development of films to aid doctors to make an early diagnosis is made possible by a modern dark room, provided with dry air from which all moisture has been chilled out by special refrigerating machinery. Once in operation for the day, the room need never be lighted or work stopped, the completed films being passed out through a double doored, light-tight well for final rinsing and drying. From the drying rack they may be taken directly to the physician's offices, each of which has its own viewing apparatus, so that a report may be given in a fraction of the usual time needed.

Among other details of the equipment, are lead lined rooms which confine the rays of high voltage treatment apparatus, with lead glass windows through which the doctor or technician may observe the patient, a room in which X-ray films of the chest of bed-ridden patients may be taken through the bed by apparatus beneath the floor, special equipment for locating foreign bodies in the eye, and automatic apparatus, which, as soon as one patient's films are made, resets itself for the second stereoscopic exposing. Memorializing Dr. Preston M. Hickey, for many years head of the department, is a staff library which will contain publications of roentgenology, given by Dr. Hickey's friends, and former associates, and assistants, and a complete set of special X-ray studies of normal and diseased parts for reference. Class rooms, and research laboratories for medical students are also located within the department. The memorial bas-relief of Dr. Hickey, presented this last year by the American Roentgen Ray society, has been hung in the special conference room set aside for the members of the hospital staff who wish to review the examination of their patients with members of the Roentgenology staff.

State to Graduate Seniors June 13

The program for the seventy-fourth annual commencement at Michigan State college has been announced by Clark Chamberlain, president of the senior class.

Rev. Frederick Fisher, pastor of First Methodist church, Ann Arbor, will deliver the baccalaureate sermon Sunday, June 12, and Dr. Glenn Frank, president of the University of Wisconsin, will be the commencement speaker Monday, June 13.

Members of the senior class will swing out May 25. On Lantern night, May 31, women of the senior class will move in a long procession about the college grounds, each carrying a lantern. They will assemble near the Beaumont Memorial tower and pass the lanterns to coeds of the junior class.

The annual senior play, "Little Old New York," will be staged June 7. On June 1 the seniors will sacrifice their books on a huge pyre at the cavalry drill field and freshman will burn their pots.

This year's water carnival will reflect the high lights of the past 75 years of the college. It will be given June 10 and 11 on Red Cedar river.

June 11 will be the occasion for a return of graduates for the annual Alumni day program. Plans to date call for a ceremony to commemorate the seventy-fifth anniversary of the college.

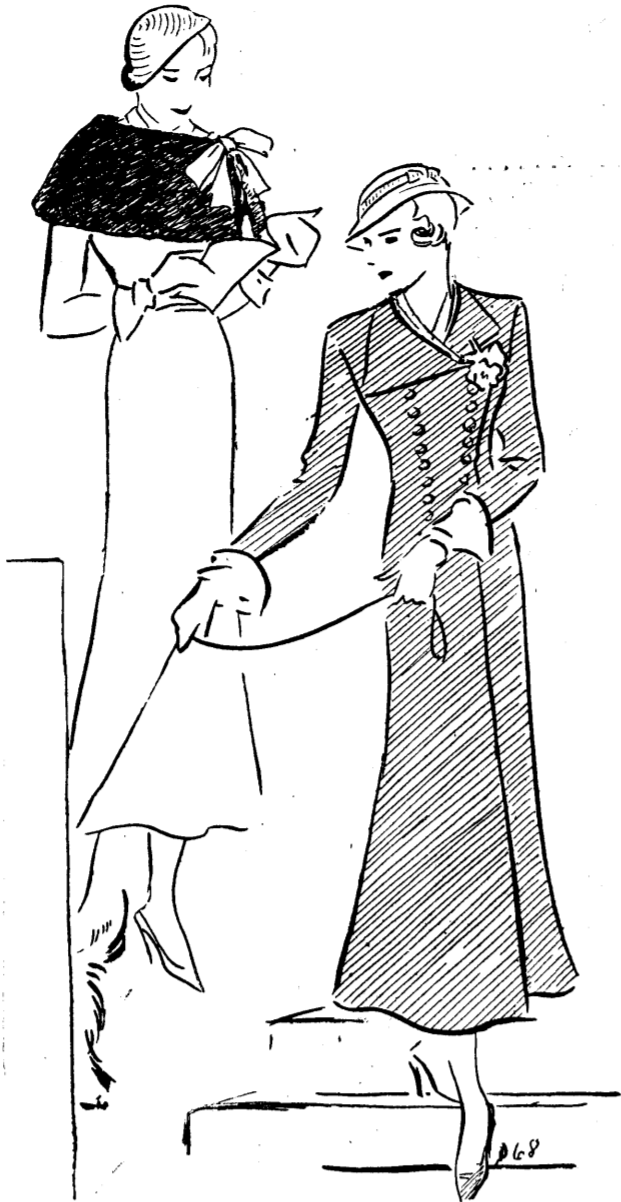
Following the baccalaureate services Sunday afternoon, June 12, a musical concert will be given by the college orchestra.

Episcopal Auxiliaries of District Elect Officers

About 70 members of the western Michigan auxiliaries of the Episcopal church were guests of the Greenville Woman's guild, with Archdeacon L. R. Vercoe of Grand Rapids presiding. Speakers included Mrs. Herbert Chandler of Greenville, Mrs. Roy W. Thompson and Mrs. Herbert Baird of Muskegon, Mrs. H. E. Shaeffer, Mrs. C. E. Jackson and Mrs. Nicholas De Kruyter of Grand Rapids.

Mrs. L. White of Ionia was chosen president and Mrs. C. B. Litner of Greenville was named secretary.

A Paris Spring Promenade



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A beige silk dress adds a separate shoulder capelet of brown pony that is tied at one shoulder by a knot of the woolen.

The fitted coat is developed in one of the bright medium blues so popular, and marked by a double row of buttons. The revers are of unequal size and placement, and the high neckline is softened by a white silk laid in folds, and a large white boutonniere at the point of fastening. The white straw hat with navy band mounting slightly on to the crown toward the back illustrates the very modified and wearable type of sailor hat that has been worn so far.

Speaking of Style

By IRENE VAIL

New York—While women are looking forward to the comfort of wearing cottons and linens this summer, they are meanwhile marking time by wearing wool crepe or some of the heavier silk crepes. Men's wear flannel is in lively demand by women's tailors, both for suits and for those simple little gadabout dresses that are often completed by a three-quarter length coat of the same material. One set of sleeves is plenty in ensembles of this type. If they are in the dress, the coat has none; if in the coat, the dress has just enough sleeve to cover the shoulders. Ensembles of small checked fabrics are also good, the same fabric being used for both dress and coat.

From some of the re-ports recently reports came through of novelty plaid skirts, usually of very loosely woven wool. Separate skirts are important again, particularly those with built-up waistlines.

If new footwear is on your shopping list, do not forget that toes are

rounded rather than pointed. Some of them, in fact, are very stubby. This is especially true of opera pumps. These remain a big factor, although there are more tricky sandals, very open if one likes that sort of thing.

Coats are so often collarless that the separate neckpiece of fur or fabric must be considered. Another detail in the newest coat collections is the use of white pique revers and edgings, these being removable. While adding to the chic of the coat, they add also to the confusion in one's mind as to what constitutes a coat and in what way it differs from a coat-dress.

Every so often, word comes from Paris that white raincoats are the rage. There are always a few white raincoats worn here, too. Pale blues and bright reds are also liked, and there are some smart-looking plaids for the younger set. If one wants to wear a scarf, make it a wool one, or have it of the material of the coat.

Extempore Speech Meet Is Planned at W. S. T. C.

Three cash prizes and a silver cup will be awarded winners in an all-college extempore speech contest sponsored by the Student council of Western State Teachers college Monday, May 23. Any student in the college who has not participated in intercollegiate debating is eligible.

Four general subjects are announced, prohibition, depression, the approaching presidential election and the Far Eastern situation.

The first prize will be \$10 in cash and a silver cup. The second prize \$10 in cash and the third \$5 in cash.

Four "Honor" Men From West State

Four western Michigan counties were represented by students who attained the highest scholastic honors in the seven winter-term short courses at Michigan State college.

These honor students, together with the courses in which they were enrolled, were as follows: Lawrence A. Johnson, General agriculture, Big Rapids; Peter Cole, general agriculture, winter term, Grandville; Glenn E. Robotham, agricultural engineering, Beulah, and Earl H. Danford, poultry, Muskegon.

The Struggle

By Marjorie K. Rawlings

I planned new windows, small of pane,
To make our poor old house look "quaint,"
'Til I remembered their chief bane—
They're hard to wash and hard to paint.

I planned light woodwork through the place,
Pale cream, with just a little of green,
Until I found this fact to face:
How could I ever keep it clean!

I have so much, so much, to do—
Yet long for beauty in my heart.
The age-old war involves me, too—
The struggle between Use and Art!

Fish Is An Ever-Popular Main Dish for Friday Luncheon or Dinner

There is literally no end to the possibilities for new ways of preparing intriguing fish dishes. Canned lobster and canned oysters may be used for the substantial main dishes given in today's menus, if the fresh ones are not available, so wherever you live, you can try, and I hope enjoy, these delicious recipes.

For the "Lobster Mexican" you will need two small cans of lobster, or enough fresh lobster to make a little over two cups of meat. Cut the lobster into pieces about an inch square. Melt three tablespoons butter in a saucepan and add one large onion, minced, and one cup chopped, seeded green pepper. Let them brown slightly, then add a No. 3 can of tomatoes, three-fourths teaspoon salt, one tablespoon sugar, one-fourth teaspoon powdered cloves, and a bay leaf. Let simmer together for fifteen minutes, then remove the bay leaf. Add one cup of sliced mushrooms sauted in three tablespoons butter (add the butter too, a dash of tobacco sauce and the lobster meat. Simmer only until the lobster has heated through, then rolls, or toast. This recipe will serve six persons.

To pan the oysters, drain one quart of large shucked (or canned oysters in a colander, removing all of the juice. Place three tablespoons of butter into an iron skillet, and when it melts, add two teaspoons finely chopped onion, the oysters, one teaspoon salt, pepper and paprika to taste. Simmer for ten minutes, or until the oysters curl on the edges, then add one cup of cream and one teaspoon of chopped parsley. Serve immediately on triangles of crisp buttered toast. Scallops may also be prepared in this way. This recipe will serve six.

A delicious company supper can be built around a stuffed, baked fish. Get a medium sized haddock, clean it and prepare it for cooking. Mix together one tablespoon finely chopped onion, two tablespoons finely chopped green pepper, one cup finely chopped celery, one teaspoon salt, one-half teaspoon pepper, one cup baked crabmeat and one cup stale bread crumbs. Bind the dressing together with one tablespoon melted butter and one well beaten egg. Stuff the fish, and bind with string or toothpicks. Roll in melted butter, then in flour, and bake in a buttered pan for one hour. Add a little water to the pan from time to time and baste the fish. Serve with browned potatoes. This makes enough for six persons.

Lemon pie makes the ideal dessert for a fish dinner or luncheon. Here is a recipe, just in case you haven't a family favorite in your cook book. Mix and sift together one cup sugar, four tablespoons cornstarch, one-eighth teaspoon salt and the grated rind of one lemon. Add one and three-quarter cups of boiling water, stirring vigorously. Cook until the mixture is clear, then add the juice of a large lemon and two beaten egg yolks. Beat together and remove from the fire. Cool and pour into a thick meringue made by beating together two egg whites, a pinch of salt and six tablespoons sifted granulated sugar. Put in the oven long enough to brown nicely.

Menus

Luncheons	
Lobster Mexican	
Buttered Rice	
Hearts of Lettuce with	
Russian Dressing	
Orange Sherbet	Wafers
Coffee	
Home Making	
Cream of Tomato Soup	
Panned Oysters on Toast	
Buttered Asparagus Tips	
Tiny Hot Rolls	Currant Jelly
Lemon Meringue Pie	
Tea	

Now that house-cleaning time has arrived there are a good many "home made" products which the housewife may employ economically. Miss Evelyn Turner, extension specialist, suggests a mixture for cleaning painted walls and home made wax for floors or furniture which may be easily and economically prepared in the home.

For cleaning walls, one cup of sal soda, one cup of ammonia, one cup of vinegar, and one gallon of warm water are required. The solution is used with a sponge, and rinsed with another sponge and clear water. If there are any spots on the wall, small amounts of equal parts of thoroughly mixed borax, gold dust, and corn meal placed on a damp cloth and then rubbed on the spots will usually remove them entirely.

Take one-quarter pound beeswax, one pound paraffin, one quarter pint raw linseed oil, and one and one-quarter pint of turpentine for the floor and furniture wax. Melt the beeswax and the paraffin, add the linseed oil and turpentine, and stir the mixture vigorously. Unfinished wood will be darkened somewhat by this wax as a result of the absorption of the linseed oil. Turpentine is highly inflammable, and care must therefore be taken in making the wax to heat the ingredients only by setting them in hot water and to have no flames in the room.

You and Your Child

By JANE HERBERT GOWARD

DON'T SHOUT!

A cultivated voice is precisely what the name implies. But even the children of the most cultured, quiet spoken among us learn to shout. If they do it at play only, then we say of them that they are well trained and that they know their place. But good health and high animal spirits sometimes sneak out in self-expression in the library or the drawing room, and when there are strangers present. An occasional breach of this kind may happen in the best of families.

If the child is old enough to know better, he should be corrected, of course, but after the guests have gone, preferably at bedtime, and when he is tucked in bed for sleep. A visit from a parent at such a time is a significant occasion when a girl or boy is older.

Like as not, they do their own tucking-in now, and such a visit is unexpected. Then the time of day lends an air of peace. Mother's presence now cannot be to argue or to blame, just to talk matters over quietly. Sensing this, the child is in his most receptive mood.

What can be done with a child like Robert, who is seven, and in many respects not far removed from his kindergarten days? Mrs. Cole wondered. "Try to speak softer, son," spoken repeatedly had failed to do the trick.

"He must get it from the Haines next door," she told her husband later. They were talking about the children together and she had brought up the subject of Robert's habit to shout.

But Mr. Cole dismissed the subject lightly. "He is just a little boy, after all," he said. "If we fuss about it, I'm afraid we are apt to make a real sized problem out of it. Let's forget it."

Mrs. Cole said no more about Robert that night, and she said nothing further to the boy, but she did not forget it. How could she, with the lad speaking at the top of his voice when she was right beside him? She told herself that this state of affairs

"cannot go on forever." That it must not. "We must send him away for the summer," Mrs. Cole thought. "If we cannot afford to send him to camp, then he must go to his grandmother—anywhere, but away from those Haines children."

Such a change doubtless would have turned the trick if the Coles had not meanwhile hit upon a more effective solution quite by accident and long before school was out. And it had nothing to do with the Haines children.

This is how it happened: It was Saturday afternoon, and raining. Mr. Cole was at home, instead of out playing golf. He sat in the library reading. From where he was the stairway was in full view.

When Mrs. Cole went to the foot of the stairs and called Robert, he looked up. He saw Robert come out of an adjoining room and stand right beside his mother. "Yes," he said loudly, in a tone of voice which would have been more suitable if he had been at the top of the stairs, or out in the backyard. "You left a dripping umbrella in a corner in the kitchen. Will you wipe up the floor? I put the umbrella in the sink for the time being."

By now Mr. Cole was grinning broadly. What amused him was that his wife had told Robert what she had to say in as full a voice as she was capable.

When Mrs. Cole joined her husband, he said, "It is too bad. Yes, too bad."

"What is too bad?" his wife wanted to know.

"Well," he replied good naturedly, "it is really too bad that you have caught the shouting habit from Robert. Or can it be the other way round?"

The next time Robert address his mother loudly, she answered in such an exaggeratedly quiet voice that it was equivalent to saying, "Shhh—your father and your two sisters are fast asleep in the next room." Robert followed the suggestion and continued talking more softly.

Your Handwriting— and What It Tells

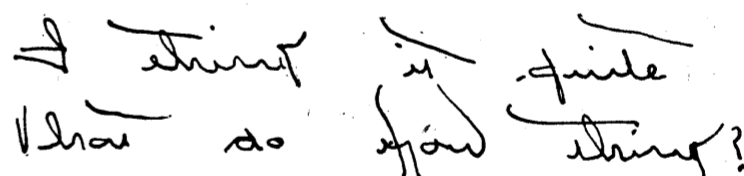
By JANET WINTON

SCRIPT SHOWS RARE COMBINATION OF TRAITS

"Dear Janet Winton: Many people consider my handwriting difficult to read. Personally, I think it quite legible. What do you think?"

Your handwriting is difficult to read, but not because it is illegible. The reason for this, rather, is its individuality, as

panied by delicacy and daintiness. You have a quick, sharp intelligence, yet you do not give verbal expression often to your liveliness and wit. This is reflected in the backhand tilt of the writing which, combined with the style of "t" shown here, reveals you to be taciturn. You are a good listener, and enjoy to watch and study others as much as to listen. Your answers are



once the eye has accustomed itself to certain forms, and learned to look for them and to expect them, your writing should be as easy to read as any commonplace copybook hand.

As with your writing, so with your personality, anyone who has the interest beforehand and then takes the trouble to find you out, is rewarded with a pleasant surprise, as he finds you quite likeable and amenable to reason. You are distinctly individualistic. Some persons might even call you eccentric, but it is your manner and mode of expression rather than a definite mental quirk which makes you appear quaint to some, and unapproachable, and for the same reason, to many others.

The baselines of words are so straight that they frequently give the impression of having been penned over a guide. But this is because you are of a dual consciousness, deliberating and of a piquant turn of mind at practically one and the same time. The script, therefore, combines a unique style with a habit to record carefulness where it shows up the least. Thus the result is pleasing to the eye, while you have the satisfaction of knowing that its charm and spontaneity were not accidental.

Delicate pen strokes portray refinement of feeling. Interesting letter structure shows originality accom-

Modes and Manners

Question: "Some of the boys in our crowd have conceived the idea of giving a shower to another one of us, who is to be married soon. The female contingent is so busy these days, sewing and preparing surprises for the bride-to-be, that we feel duty bound to express our loyalty by doing something of the sort for the prospective husband. Has anything of this sort been done before, and if so, how?"

Answer: Showers for men have certainly been heard of before, but generally they are far from serious af-

always pungent and to the point, so that others show shock as much from the nature as from the unexpectedness of your sallies.

There is something incongruous about your personality in repose and when in action. For you seem the gentlest thing—and you are. But the minute you begin to talk, to act, or to do, the clear-cut frankness of your style sets you apart. Even the most observant must find it difficult, doubtless to reconcile these two aspects of your nature. Alternately, you soothe and startle.

To say that you love the unexpected would be to imply that you lean toward the sensational and spectacular. Actually, this is not so, as you put exaggeration in a class with insincerity and vulgarity. Your thought processes operate clearly; generous spacings between words show this. Yet your script cannot be divorced, at the same time, from an appreciation of novelty.

You are sensitive to beauty instinctively, but you have trained your intellect to enjoy the little clevernesses of beauty and originality as applied to practical uses. Wavy "t" shows a love of fun.

The frivolous you and the serious you, apparently, take turns where your affections are concerned, leading to the deduction that you are constant in matters pertaining to the heart.

fairs, though a good deal of thought goes into their planning. It seems to be the custom to aim for humorous effects. The fifths are ridiculous—lace-trimmed handkerchiefs, undies, and impossible socks and ties. These are wrapped in layers of paper and tied with as many strings and bows. Before the evening is over, everyone is wading knee-deep through wrapping paper to get about. After struggling with an enormous box for precious minutes, the groom may finally reach the object of his search—a collar button. Usually, too, the groom receives his gifts by having them showered at him.

