

# A GOLDFISH FARM IS AN INTERESTING PLACE

One Place Ships 100,000 Every Year. : : :  
Annual "Crop" Worth \$20,000. : : :  
How the Fish Are Bred and Raised. : : :  
Frogs as a Side Line. : : : : : : : : : :

On the outskirts of the little town of Waldron, Ind., is the only iron fence in the place. It is near the village schoolhouse, and everybody tells you it was put up by "Shoup, the fisherman."

It is not different from thousands of other iron fences in the country, but gold fish paid for it, for the owner is what is called the biggest gold fish farmer in the world. People generally speak of grain and vegetables as being raised on farms, but everybody in Waldron knows Shoup's place as the "fish farm." That is what he calls it, and it is the title by which it is known all over the country, for from it every year about 100,000 fish are scooped up in nets to be sent by the canal and carload to swim in all kinds of ponds, from the ornamental lake of the millionaire's grounds to the glass globe which stands on the parlor table. It might have been called a hatchery, but the proprietor simply drifted into the business because he thought it more profitable than to raise pet stock, such as dogs and cats. Originally he sowed and cultivated like other farmers, but finally decided that there was too much work for the money, and with a man named Heck branched out into pet animals, then to pet fish.

The farm is in two parts, the largest, a twenty-five-acre patch, being situated on a sloping piece of land a few miles from Waldron. By turning up some furrows with a ditching plow, fifty ponds have been made ranging all the way from the little breeding ponds, which are forty feet long and fifteen feet wide, to sheets of water large enough to give a man plenty of exercise in rowing. The ponds are fed from springs, and as the grade is about one foot in ten the water flows through with a rapid current, and even in summer is almost as cold as ice. This is a good thing for the gold fish, as they become hardier and healthier in cold water than when the temperature is higher.

It cost the owners of the farm almost as much to stock it as if they had gone into raising fancy cattle, for the gold fish they imported for breeding were the finest specimens raised in China and Japan, including the aristocratic telescope fish, which is the king of the species. Many of the breeders which they secured of this variety cost over \$100 each. In addition to the telescope they also raise what is called the comet, named on account of the rapid motion and the fan-tails. The telescope has very large eyes, which stand out from its head in sockets like telescope cases and is of a reddish gold tint, which is considered a perfect color by fish breeders. The other species are especially noted for their tails. The comet has a tail which is about as long as its body and as delicate as lace, while the fan-tails are really a bunch of two or three tails fastened to the body of the fish which can shut and open like a fan. So many cans full of these special varieties were brought from the Celestial hatcheries that the importers spent over \$10,000, for many of them died on the way and others had to be ordered in their place.

There is plenty of work about the farm for the score of hands employed from morning till night, and the shotgun is as useful as the spade or hoe, for the ponds must be constantly watched to prevent the birds from harvesting the crop. Scarcely a day goes by on this kind of farm, and as one of the owners puts it, "When a man asks us for a job we ask him how straight he can shoot, for the man behind the gun is as necessary as he is in establishing a new republic. We keep the air pretty well riddled with bird shot, but still we can't make it unhealthy enough to keep the snipe, the kingfisher and their brothers and sisters from getting away with tens of thousands of fish every year." It is a fact that the man behind the gun is busy almost from sunrise to sunset, and a constant fusillade is going on, for this is one of the best shooting grounds in the United States. The birds are so bold that they are constantly hovering over the ponds in flocks waiting for their chance to dart down for a dinner, and many of them are shot within sixty or seventy-five feet of the gunner. The tool sheds and house containing the storage traps have loaded shotguns where they can be picked up in a moment, and the farm is provided with a regular arsenal of these weapons.

But the birds form only one enemy. The banks of the ponds are patrolled daily by hands with spade and shovel to fill up the holes made by the crawfish and muskrat. Sometimes in a single night a dozen or more rats will bore into the earth to such an extent that the ponds would be drained in a few hours if they were not watched. In addition to the course of birds which is frequently served at dinner, a dish of muskrat is sometimes added, as traps are set all around the ponds for them. Millions of eggs as well as young fish yearly are sung to death by beetles and water wasps and devil's darning needles or eaten by turtles and the fish themselves, for gold fish are cannibals of the worst kind, and three weeks after one is hatched it will begin to devour its brothers and sisters which have not yet appeared, but are in the eggs deposited on the grass and leaves put around the edges of the spawning ponds. Then it is necessary to drain the pond containing the young

fish and place them in others. In fact they pass through a series of ponds until finally they emerge in what might be called the harvest field. Here they remain from the time they are three or four months old until they are "ripe" and ready to be scooped out and sent to market. When they reach the pond they are usually two or three inches in length, but live in it three or four years, as the average gold fish does not get its full growth and color in less than three years. The banks of the ripening pond are higher than the others, in order to keep the wind from blowing too hard over the water. Catalpa trees are also planted around the pond to assist in keeping off the wind as well as to shade the edges when the sun is too hot. The big leaves of the water lily are also good for the same purpose, for although gold fish require plenty of sun light to produce the rich gold and red tints, if they get too much of it they are liable to become too dark and their value is lessened. Some of the ripening ponds contain beds of lilies which are nearly an acre across. It is a regular fish city sometimes containing 150,000 inhabitants, seldom less than 100,000 at any time. In addition to the fish they have attendants, tadpoles and frogs which help to keep the water clean by eating insects and vegetable growth. The frog industry is a sort of a side line at this place, and many thousand pairs of legs are sent to market each year. The average size of the gold fish after its growth is about a foot. Its value depends upon the color, shape and weight, and any which are imperfect in tint or form are rejected. If the fish has a spot a fraction of an inch in size on the body it is thrown out as worthless, but as even the ordinary gold fish sell wholesale at from five to ten cents apiece there is plenty of money in the industry, for the aristocratic species, such as the telescope and comet, are bought by the dealers at forty and fifty cents each. This farm and two others in the United States send gold fish throughout America as well as Europe, and the annual crop "gathered" in Indiana is sometimes worth \$20,000.

The fodder for this kind of pet stock is generally bought by the carload, for the best food is crumbs made of stale bread which is toasted. It is prepared especially for the farm by a bakery in Indianapolis, where a big batch is made up every few weeks. It is piled up in the storage house like so much corn or wheat, and when feeding time comes all hands fill market baskets and start out, the gunners slinging their weapons over their shoulders so as to be ready for the birds during the feeding time. The large fish know when dinner is ready as well as any flock of chickens or ducks ever hatched, and as soon as the men with the baskets appear on the bank the water boils with the motion of the schools, hundreds of fish leaping into the air. The crumbs are scattered over as wide a space as possible, so as to give all of the fish a chance at it. It is one of the sights of the farm to visit it at meal time, for a hungry, healthy gold fish has a capacity for toasted bread which is wonderful, and even a carload lasts but a short time.—New York Commercial Advertiser.

**A Hair-Raiser.**  
September 16 last, on a ship about fifty miles from Brisbane, Australia, a huge shark about twelve feet in length was hooked on a line which broke. A second time the big fish got on the line and escaped. Then a large sharp-hook with a chain was thrown out and the ravenous brute grabbed it and was caught. All hands tugged the shark to the vessel's side. A huge hook of the anchor tackle was put through his jaw and one eye, and the fish was then hauled out of the water. One of the crew ripped the monster open from the head to the tail. The vital organs and entrails were thrown overboard and then both jaws were hacked out for the sake of saving the teeth.

Nothing but the shell of the fish remained and the shark was lowered overboard. A rush was made to the side to see him sink, but the company was astonished to see the fish make off. First he swam about fifty yards away, returned to the steamer, then went off on another tack for about thirty yards, came back to the vessel and swam astern, and was still swimming when he was lost sight of.

That the fish should swim away with the whole of his interior from head to tail and jaw and one eye gone simply raised the hair of the pilots and crew, who had never seen or heard of the like before.

**A Sire at Zane.**  
That a powerful alarm like a fog siren can be sounded without being heard is shown by the investigations of E. P. Edwards on the English coast. At a distance of a mile from the siren the sound began to die away, and between two and three miles it was entirely inaudible, while beyond three miles it was again plainly heard. This mysterious "silent zone" constantly changed in extent and position.—Hartford Courant.

**A Serious Drawback.**  
One of the worst things about city life is that it affords people so few opportunities for wearing out their old clothes.—Woman's Home Companion.

**The Cynic's Wisdom.**  
Engaged people put on magnifying glasses when they look at each other's virtues. The day they are married they take them off.—New York Press.

## HANDLING SLAG.

Disposing of the Refuse of the Iron Furnace.  
When it is considered that for every ton of iron taken from the furnace there is produced from 1000 to 1000 pounds of slag, and that this slag occupies from two and one-half to three times as much space as an equal weight of iron, it is easily seen that the problem is of no small importance to the economical working of the plant. There has been recently introduced in one or two plants a system of handling the slag by means of a clam-shell bucket, which moves along the overhead framework, carrying the slag to the cars, cement plant or any desired place.

The plant, says the Iron Age, consists of an overhead runway spanning the slag pit and railway track, and an electric trolley, which carries the hoisting machinery and operator's cab and handles a clam-shell grab bucket. With this apparatus the molten slag is run from a furnace into a brick-lined pit prepared for the purpose. As the slag enters the pit it strikes on a flat jet of water, which comes in from below, and is disintegrated by the contact and becomes of the consistency of fine gravel. It is then dug out with the clam shell and loaded into cars, which stand directly beneath the runway, or it may be carried directly to the cement plant or other of the various works which make use of this material. The length of the runway varies from 120 to 300 feet, according to the room available, the number of cars to be loaded and the size of furnace.

The trolley is constructed with a structural steel frame supported on four track wheels. The hoisting and lowering are done with one motor, and the traveling along the track with a separate one. An electric brake in series with the hoisting motor automatically clamps the motor shaft whenever the current is cut off, either purposely or accidentally. The operator rides with the trolley in a cab, which automatically protects him and his controllers from the weather. The cab is built of steel and has glazed windows.

**Cannot Compete With Newspapers.**  
The announcement in the current number of a well-established ten-cent magazine that hereafter it was going to drop the "special feature articles," increase its price and devote itself to fiction and literature because the monthly magazine could not compete with the daily newspaper in publishing articles of news interest is radical enough to attract attention. The effort to be timely in monthly publications sometimes leads them to anticipate the news as did some of the English publications in their accounts of the coronation of the King, which did not come off as was planned. It is said that one such publication which had an elaborate account of the coronation, written in advance, had to destroy an entire edition when the King's illness made a postponement of the ceremony necessary. The American magazines found, despite their preparations, that there was very little left for them in the Spanish-American War after the newspapers had finished with it. The fickleness of public interest in news events is shown by the quickness with which the reading public tired of descriptions of the eruption of Mont Pelee when once the story had been told as it was told by the newspapers.—New York Sun.

**A Life-Time Task.**  
All the letters which reach the chief of a department of an extensive business down town are noticeable subsequently by the fact that the two-cent stamp on the envelope has been neatly cut out with scissors. "Who cuts off all the stamps?" his young woman secretary was asked. "I do," she replied. "What is the idea?" "I am collecting them for a woman who thinks she will get \$10 for a million of them," she explained. Promptly the calculation was made on a basis of fifty letters daily. Alas! It was found that the young woman secretary, having already a modest start, would be almost a centenarian when she cut off the millionth stamp.—New York Post.

**Hospital Balloons.**  
Dr. Naugier, of Paris, in a paper on ballooning, at a recent meeting of the Academie de Medecine, made the astonishing assertion that a two hours' voyage in the air causes a marked increase in the number of red corpuscles, and the condition persists for ten days after an ascent. Two such ascents in the course of six or seven weeks, he said, are more beneficial to an anaemic than a sojourn of three months in the mountains. Dr. Naugier urged that the municipal council be asked to provide a large balloon capable of taking to the upper air daily fifty patients who are too poor to afford a change of climate.—London Globe.

**No Shoe Blacking For Emerson.**  
Frank B. Sanborn, of Concord, introduced by Dr. Curry as the last of the Concord school of philosophers, says the Boston Transcript, proceeded without preamble to a very personal and intimate presentation of Emerson as he knew him during thirty years. His two most lasting impressions were of Emerson's way of looking from his companion's face as he talked, and of the philosopher's shoes, which were innocent of any blacking. This latter circumstance was the result of a decision arrived at by Emerson and his friends that if leather in tanning came out a certain color they would not change it by artificial pigments.

**The Cynic's Wisdom.**  
Engaged people put on magnifying glasses when they look at each other's virtues. The day they are married they take them off.—New York Press.

# RELIABLE DAIRYMEN.

## DIRECTORY OF LEGITIMATE DEALERS.

The following dairymen are known to the Editor of the CITIZEN as reliable producers, who own their herds of cattle and deliver their own product. There are no milk hucksters in this list.

**BENNING FARM DAIRY,**  
J. P. REILLY, Proprietor.  
Benning, D. C.

Established 1892. Pure milk right from the farm served in sealed jars twice a day. Customers are invited to inspect my dairy at their pleasure.

**HILLOCK DAIRY,**  
JOHN BERGLING, Proprietor.  
Brentwood Road, Md.

Established 1894. Pure milk served to my customers fresh from the dairy every morning.

**OAK GROVE DAIRY,**  
D. McCARTHY, Proprietor.  
Bladensburg Road, D. C.

Established 1895. Fresh milk delivered direct from my dairy farm every morning. Two deliveries a day contemplated.

**St. John's Park Dairy,**  
Mary Harriet Hatcher, Prop.  
Brookland, D. C.

Established 1895. Pure milk delivered every morning. We invite an inspection of our place at all times. Milk for children a specialty.

**BRIGHTWOOD DAIRY,**  
MRS. C. ROBINSON, Proprietor.  
Brightwood, D. C.

Established 1895. We deliver morning's milk only every morning. Our night's milk is all sold to dealers.

**CONGRESS HEIGHTS DAIRY,**  
JOSEPH WAHLER & SON, Proprietors.  
CONGRESS HEIGHTS, D. C.

Established 1863. We deliver pure milk direct from the farm every morning.

**PAYNE'S FARM DAIRY,**  
M. J. PAYNE, Proprietor.  
Bladensburg, Maryland.

Established 1895. It is my aim to serve my customers with the very best quality of milk. I invite an inspection at any time.

**NATIONAL PARK DAIRY**  
J. P. MORROW, Proprietor.  
Broad Branch Road, D. C.

Established 1884. Pure milk from sound, healthy cattle delivered to all parts of Washington.

**HOYLE'S FARM DAIRY,**  
MRS. A. J. HOYLE, Proprietor.  
Congress Heights, D. C.

Established 1894. We serve first-class milk all bottled on the farm. Dairy always open to inspection.

**Buena Vista Dairy,**  
D. A. LANDON, Proprietor.  
Suitland Road, near Suitland, Md.

Established in 1898. I am on the farm with fifty head of cattle and deliver only pure milk that will always bear inspection.

**PALISADES DAIRY,**  
W. L. MALONE, Proprietor.  
Conduit Road, D. C.

Established 1892. Pure milk and cream served in any part of the city every morning. All orders by mail promptly attended to.

**CHILLUM FARM DAIRY;**  
WM. McKAY, Proprietor.  
Woodburn, (Terra Cotta), D. C.

Established 1890. I serve pure milk right from the farm every morning. I think the best is none too good for my customers.

**Douglas Place Farm Dairy**  
EDW. PARKHAM, Proprietor.  
Douglas Place, Benning Road, D. C.

Established 1898. I spare neither pains nor expense in trying to produce milk that is a No. 1 in quality. Plant always open to inspection.

**TERRELL'S DAIRY.**  
S. TERRELL, Proprietor.  
Arlington, Virginia.

Established 1891. I serve milk straight from the farm every morning. My milk will stand the test every time.

**Glen Ellen Farm Dairy,**  
GEO. T. KNOTT, Proprietor.  
Conduit Road, D. C.

Established 1898. Milk from my dairy is guaranteed to be both clean and pure. I always solicit the closest inspection.

**TO DYSPEPTICS**  
Enjoy a good dinner, then take one of  
**Dr. Carl L. Jensen's**  
**Pepsin Tablets**  
Made from pure pepsin—of the required strength to remove that intestinal indigestion so pronounced after eating a hearty meal.  
For sale by all druggists generally, or send 25c in stamps for a bottle.  
**DR. CARL L. JENSEN,**  
400 N. Third St., Philadelphia.  
Sample free by mail.

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OUR GOODS ARE THE BEST—OUR PRICE THE LOWEST  
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Mysterious in its Action! Marvelous in its Effects! Quick in Giving Relief! Used Externally Only! Unsurpassed in Curing  
**RHEUMATISM,**  
Asthma, Sprains, Muscular Tenderness, Pain in the Chest, Sciatica, Headache, Toothache, LUMBAGO, Strained Muscles, and  
**NEURALGIA.**

Equally useful for **MAN AND HORSE.** None genuine without the signature and portrait of **D. DODGE TOMLINSON,** 400 North 3rd Street, Philadelphia, Pa., on each wrapper. Price 25c.  
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Do not be deceived by those who advertise a \$60.00 Sewing Machine for \$20.00. This kind of a machine can be bought from us or any of our dealers from \$15.00 to \$18.00. WE MAKE A VARIETY.  
**THE NEW HOME IS THE BEST.**  
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**THE GREAT HOUSEHOLD REMEDY.**  
They bring Health, Strength and Happiness to the Weak and Convalescent.  
**An Unexcelled Appetizer.**  
**MISHLER HERB BITTERS CO.,**  
400 North 3d Street, Philadelphia, Pa.  
\$1.00 per Bottle.  
**MISHLER'S RED LABEL BITTERS** unexcelled for all Female Complaints, \$1.50 per bottle.  
SOLD BY ALL DRUGGISTS.

Gentlemen's Suits cleaned and pressed for \$1.00!!!  
Make 'em look like new.  
Altering and Repairing Done in First-class style. Goods called for and delivered.  
**HAHN'S** 705 9th Street N. W.  
Washington Phone 143-2.

**THE IRVINGTON HOUSE,**  
TENALLYTOWN, D. C.  
Again Open for Business.  
After being closed up for four months, and after making a most desperate fight for my rights I have won and will be glad to see all my old friends at the old stand. Nothing but the best for everybody.  
**Ernest Loeffler,** Proprietor.

**AUGUSTUS BURGDORF CO.,**  
...FURNISHING...  
**Undertaker & Embalmer,**  
2009 Seventh St. N. W.,  
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If you want bread of standard excellence, ask your dealer to supply you with...  
**White Lily Patent**  
A HIGH GRADE FLOUR  
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**G. W. CISSEL & CO.,**  
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**The Strength of Youth**  
quickly returns to those who use that best of all TONICS, NERVE RESTORERS AND TISSUE BUILDERS, the genuine  
**KUNKEL'S BITTER WINE OF IRON.**  
It brings back the color to the faded cheek. It enriches the blood and removes the cause of Nervousness, Neuralgia, and Muscular Exhaustion. Put up in large 50 cent bottles. Sold by the druggists, E. F. KUNKEL'S signature and Portrait on each wrapper. Send for free circular to depot 400 North 3rd St., Philadelphia, Pa.

We manufacture other brands of High Grade Roller Process Flour that we sell at a very moderate figure to the trade, but for family use the **WHITE LILY PATENT** is not excelled by any flour on the market. We grind Maryland and Virginia wheat ENTIRELY, because long experience has taught us that it is the best in the United States.  
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**FOR SALE.**  
Several tracts of land near Brightwood and Takoma, also Building Lots on Brightwood Ave., and 14th Street road. Louis P. Shoemaker, 920 F St., N. W.