

## Some Fish Stories Science Calls True.

Special Correspondence.

WASHINGTON, May 23.—Some good fish stories are being told by Dr. Theodore N. Gill, professor zoology in the George Washington university of this city and internationally famous through his work for the Smithsonian Institution. Dr. Gill has been making a special study of the habits of fish in caring for their young. Affection is not supposed to be a fishy characteristic, but this expert has found that some of the finny tribes acknowledge some of the responsibilities of parenthood.

In the course of this investigation, Dr. Gill has had occasion to look into the manners and morals of a very celebrated Greek fish, the glanis, and to verify an antique description which for centuries was regarded as damaging to the veracity of the Greek philosopher Aristotle. The results of this study have been published in the natural and physical science series of the George Washington University publications, in one of those pamphlets which serve to call attention to the unique opportunities for special research which are offered at the national capital.

### ODD FISH STORY.

An odd little fish is the glanis and one that has been the subject of much scientific discussion. Centuries ago Aristotle wrote this interesting paragraph which for many centuries was regarded as distinctly a "fish story": "Of the river glanis, the largest and the greatest care of its young. For the female, having brought forth, departs, but the male, where the greatest deposit of eggs is, remains, and remains by them watching, rendering no other service except keeping off other fishes from destroying the young. He does this for a long time, until the young are sufficiently grown to escape from the other fishes. And he is known to the fishermen wherever he may chance to be, watching his eggs, for he keeps off the fishes by rushing movements and by making a noise and moaning. And he remains by the eggs with so much of natural affection that the fishermen, when the eggs adhere to deep roots, bring them up to the shallowest places they can, but he does not even then leave his offspring, but if he chance to be a young fish, he is easily taken by the hook, because he spans all the fishes that approach him, but he is already accustomed to this, and has swallowed hooks before, he does not even then desert his young, but breaks the hook by a very strong bite."

Because none of the fishes of northern Europe have habits similar to those attributed to the glanis, the description was long regarded with scepticism. In 1839 two of the greatest fish experts of the last century, Cuvier and Valenciennes, wrote: "What Aristotle relates in detail, and in two passages, of the care which the male glanis takes of the eggs of his female, borders a little on the marvelous. According to him, the female glanis deposit them in deep waters; the smaller among the roots of willows and other trees, among the reeds or even the mosses. This, however, having laid them, leaves them, but the male guards and defends them, and, as these eggs are long in hatching, he continues this care 40 or 50 days."

### AGASSIZ' DISCOVERY.

It was reserved for Professor Louis Agassiz, the one hundredth anniversary of whose birth is about to be celebrated at Harvard university, to discover the real facts about the Grecian fish. In 1857 through President Peabody of Harvard, who was an enthusiastic Greek student, the great naturalist received a glanis from the very same river where Aristotle had made his observations. Agassiz' trained eye at once discovered that the fish had been wrongly identified with the Silurus family of northern Europe. A new name, Glanis Aristotelis, was given to the species. A new interest was aroused which resulted in the naturalist's noticing that the care-taking habits of the glanis are similar to those of the American catfishes, which are not of the same family or sub-family. Dr. Gill has now brought together in his contribution to the George Washington university series the known facts regarding this particular fish.

In another publication he has recently developed many other facts which tend to remove the impression that all fishes are indifferent to their eggs and young, leaving them entirely to the care of Mother Nature. Oliver Goldsmith in 1774 told his readers that fishes seem, all except the whale kind, entirely devoid of those parental solicitudes which so strongly mark the manners of the more perfect terrestrial animals," but Goldsmith was no naturalist. The studies of the George Washington university expert have in fact shown that this notion is far from the truth and that although, of course, greater parental watchfulness is exercised among the higher animals, evidences of the same instinct are to be found among many of the fishes.

### MALE GUARDS EGGS.

The most common or frequent form of care is very simple. It consists simply of the selection of a site for the deposit of the many eggs and the subsequent guardianship of these eggs by the male. The spot chosen is usually cleared of stones and weeds and in the cleared space the eggs are laid. In some instances, however, a much

more intelligent co-operation with nature's processes is to be noted. One of the catfishes of Queensland invariably noses and scratches and scratches stones from the river by piling them in a heap over her eggs. Many American and African fishes, instead of laying their eggs in a particular spot and watching them while they hatch, actually carry them around in their mouths for weeks at a time. Again in South American streams a distant cousin to our catfishes has a unique habit of attaching eggs in a mass to

its skin. The catfish of the fish then grows around them—"like the cups of acorns around the nut." In this way the eggs are carried and protected until they hatch.

Some fishes' eggs, Dr. Gill states, are deposited in floating nests which involve rather skilful preparation. One of the most elementary forms is that of the colored fish-of-Paradise, which by means of a sticky substance secreted in its mouth makes a floating nest out of a mere conglomeration of air bubbles. Twigs and fallen leaves are employed by other fishes, producing a nest which looks like a mere bundle of river waste, but which safely contains the precious eggs. A single species, the stickleback, is equipped with special web making organs to weave a binding thread for the materials selected for the nest.

In discussing the philology of this

rudimentary parental instinct among fish, Dr. Gill does not attribute its origin to a very high motive, however exalted it may become in its development among higher forms of life. At the outset, he says: "The attitude of parental care must be regarded as an outcome of selfishness, or, if you will, self-love, a result of the sense of proprietorship. The eggs are the fish's own and, therefore, they and the resulting larvae are to be cared for as such."

### Pensioning Horses.

One of the most notable of the semi-private humane establishments for the rescue of broken-down horses is known as Red Acre Farm, a charitable home for horses opened on May 1, 1903, at Stow, Mass. The farm is situated 25 miles from Boston and consists of 57 acres of land di-

vided up into pasture land and paddocks, with a portion of it devoted to stables, office and hospital. Red Acre Farm was founded by a young woman, Miss H. C. Bird, who gave up to the use of the horse the home and grounds which she inherited from her father, and who devotes all her time and strength to securing the horse. She daily oversees the conditions at the home and has the advice and support of well known humanitarians.

The farm is kept up by contributions and the board of pensioners or horses put out to pasture during the summer by owners who want good care taken of them while out of town. Members of Red Acre Farm also pay a small annual fee of \$5, and philanthropists can employ a stall in the stables of Red Acre Farm for \$50, which the donor can keep filled by horses of his own choosing, all the time. None of the active officers accept salaries and all money coming into the

farm is expended for the object of its institution.—Home Magazine.

### EXCURSION TO OGDEN

Sunday, May 26th, via O. S. L. \$1.00 round trip.

### Are You Going on a Mission?

If so come to us for Photos as we will make you a special discount. Monroe Studio, 55 W. 2nd South. We will take rate tickets from any other studio at face value.

### GRADUATING STUDENTS.

We are ready to bind your thesis promptly. THE DESERET NEWS.

### VIA NIAGARA FALLS AND LEHIGH VALLEY R. R.

To New York.

A delightful trip at any season. The route of the Lehigh Valley is famed for its scenic beauty, and comfort is assured on its vestibuled trains. Its double track is stone ballasted throughout, and trains are protected by automatic electric block signals. Your local ticket agent will sell you tickets reading over the Lehigh Valley from Niagara Falls or Buffalo to New York or Philadelphia. Descriptive matter mailed on request to Chas. S. Lee, G. P. A., 143 Liberty St., New York.

# FIX UP FOR DECORATION DAY MATCHLESS VALUES IN EACH AND EVERY DEPARTMENT!

As we shall be closed all day next Thursday, Decoration Day, we look for 3 days' Great Business, Monday, Tuesday and Wednesday, and if great values beget Great Business, then we'll surely have it. The Old Heroes of the Great War—as well as the younger generation—will find their wants down to the smallest detail, amply provided for here, in quantity, variety and values unequalled elsewhere in Utah.

### "SOMETHING DOING"

#### MONDAY!

Certainly the most remarkable wash goods bargain of the kind ever offered in Salt Lake. 25c, 20c, and 15c Printed Organdy lawns, printed Swiss Muslins, and embroidered colored. Swisses at a yard. The newest printed wash fabrics for the summer season, exquisite printed lawns and Swisses, with beautiful designs in light and dark grounds. Worth 25c, 20c and 15c on sale Monday at a yard. **12c**

### "SOMETHING DOING"

#### MONDAY!

### Long Gloves.

Value \$1.85, on sale at **\$1.19**. Taffeta silk long gloves in black only all sizes are a beautiful black lisle thread and silk mixed. Beautiful designs in light and dark grounds. The present market price should be \$1.85 on sale Monday at a yard **\$1.19**

### "SOMETHING DOING"

#### MONDAY!

Without a question the banner white goods offering of the year. Actual 65c White Embroidered Swisses at 33c a yard. 12 PIECES IMPORTED ST. GALL EMBROIDERED WHITE FIGURED SWISSES, hand woven in handsome patterns—the most popular fabric for waists and dresses, value 65c; on sale Monday at a yard **33c**

### "SOMETHING DOING"

#### MONDAY!

**LADIES' BELTS.** Extraordinary Sale Value. Ladies' Leather and silk belts in a great variety of noble styles excellent \$1.00 values in all sizes, comes in black and colors on sale for Monday only **49c**

### "SOMETHING DOING"

#### MONDAY!

Actual \$2 Curtains at \$1.18 a pair. The exceptional opportunity for economical buying of lace curtains was never more evident than in this Monday sale. 200 PAIR IN THIS LOT—Among them plaid dainty bordered, ruffled white Swiss curtains, with hemstitched plain Swiss ruffles. Plain centered Scotch lace curtains with diamond shaped border and FLAKED COLORED RAS and ETAMINE CURTAINS, all worth \$2.00 on sale Monday at a pair **\$1.18**

### "SOMETHING DOING"

#### MONDAY!

**Ladies' Skirt** \$1.75 Values at \$1.19. 40 dozen ladies' white skirts made of best muslin trimmed in lace or embroidery and hemstitched, all lengths, styles and qualities that sell regularly up to \$1.75 each, in a great variety to choose from. On sale Monday at **\$1.19**

**FIVE OF THE**  
**Best Shoe**  
**BARGAINS**  
**EVER OFFERED.**

### FOR DECORATION DAY.

Every one a trade-winner of tremendous merit. Read!

**LADIES' FINE WHITE CANVAS OXFORDS.** with Cuban heels, large eyes, ribbed toes and embroidered vamps (all sizes) value \$2.50 next week price **\$2.10**  
**LADIES' PATENTS KID WELTS SOLE OXFORDS.** Blucher cuts and Cuban heels all sizes, value \$4.00; next week **\$2.85**  
**LADIES' BROWN KID OXFORDS** welts sole and Cuban heels (sizes 2 to 7) value \$4.00 next week **\$2.65**  
**LADIES' PATENTS KID TURN SOLE OXFORDS.** blucher cuts and Cuban heels (all sizes) value \$4.00; next week price **2.65**  
**MISSES KID STRAP SLIPPERS** with bow over- instep and patent tip (sizes 1 1/2 to 2) value \$1.75. Special price next week **1.35**

**ESTABLISHED 1864**  
**J. Auerbach & Bro.**  
**ONE PRICE TO ALL NEVER UNDERSOLD**

"Something Doing" Monday!

**\$4.50**

**Portieres**

In Bagdad. Solid colored Brocade, and two-tone effects, on sale Monday at, a pair **\$2.88**



### FOR MONDAY ONLY!

Sale of Women's

### White WAISTS

**\$1.69**

Worth \$4.00, \$3.50, \$2.95 and \$2.45. These waists are made of the finest white sheer lawn, French batistes India Linons, etc., etc., many open front style, with long or short sleeves. Several models in the new Marie Antoinette style, pretty lingerie waists, practically every style or design in this lot, plenty of all sizes, 32 to 44, waists worth \$2.45, \$2.95, \$3.50 and \$4.00, on sale Monday—**1.69**

"Something Doing" Monday!

The genuine New York Mills hemmed

### Pillow Cases!

In either 42 or 45 inch size, regular price 33-35c. On sale Monday at, each—**21c**

**FIVE WONDERFUL VALUES**  
**Boys' Clothing**  
**FOR DECORATION DAY**  
Don't fail to get one of them. It is the Bargain event of the Season.  
**Children's \$1.50 Wash Suits 98c**  
**SAILOR OR RUSSIAN** BLOUSE STYLES, ages 3 to 9 years, made of madras, crash, pique and percales, in assorted colors and patterns, fast colors, well made, special next week, each **98c**  
**\$3.50 to \$5.00 Boys' Suits \$2.95**  
Broken lines of boys' \$3.50 to \$5.00 double breasted and Norfolk styles spring suits, in light and medium colors, sizes 4 to 16 years; special next week, only, per suit **\$2.95**  
**BOYS' Graduation Suits Value \$7.00 at \$3.50**  
In this lot are over 100 patterns, both in double breasted and Norfolk styles, made of excellent quality, fancy worsteds, Tweeds, Cassimeres and Blue Serges. New colors, and attractive patterns, sizes 14 to 20 years; special next week, only per suit **\$3.59**  
**CHILDREN'S SUITS.**  
**SAILOR, PETER PAN AND KIMONA STYLES.** of imported chevrons, and fancy tweeds, in the new stripes and checks, sizes 2 1/2 to 7 years. Value \$3.00, special next week, only per suit **\$3.75**  
**Youth's Suits, \$7.50 and \$9.50 values for \$4.39**  
200 youths' sample suits to select one from in the new styles and patterns, single or double breasted in blue and black chevrons, and light and medium colors, sizes 14 to 20 years; special next week, only per suit **\$4.39**



## OUR HALF YEARLY REDUCTION SALE OF SILKS

The greatest of all low priced Silk Sales will be inaugurated Monday. The waited for silk event comes with a Whirlwind of Big Values and means dollars saved to hundreds of next weeks investors.

HERE'S A SILK SALE worth while—an AUERBACH SILK SALE—A SILK SALE with a reason and an object and a result.—HERE'S A SILK SALE with a method and a meaning. Here's a half-yearly Silk Sale believed in, anticipated and awaited. Here's a Silk Sale greater than all previous Silk Sales—A Silk Sale you must not miss. The reason is reduction of Stock, the object is reduction of Stock, and the result is reduction of Stock. The method is price cutting and the meaning a saving to you of one-third and more next week. \$40,000 worth of Silks must be turned into cash. And how do we do it? Simple, very simple, just applying the old, old method, price reducing in a big hearted, generous, fearless manner, by disregarding profits, by giving bargain greater than at any other time, by offering every yard of Silk at a sacrifice.

<b>FANCY STRIPED AND CHECKED WASH SILKS.</b> 1,500 yards of wash silks in fancy stripes and checks, 24 inches wide; all colors; extra fine quality; suitable for ladies' and children's waists and dresses; regular value 65c; special Silk Sale price, per yard <b>39c</b>	<b>FANCY TAFFETA SILKS.</b> 1,250 yards of fancy taffeta silk in many styles of checks, plaids and stripes, among the colors will be found black and white, brown and white, blue and white and others too numerous to mention, and worth up to \$1.25 per yard; all go in the special Silk Sale at <b>79c</b> per yard	<b>COLORED TAFFETA FINISH INDIA WASH SILKS.</b> 2,700 yards of taffeta finish India wash silk in all colors including black and cream, 24 in. wide; suitable for ladies' and children's dresses and waists, and a thousand other purposes; regular value 60c; in the special Silk Sale at, per yard <b>38c</b>
<b>FOULARD SILKS.</b> 700 yards of Foulard Silks; beautiful fine Messaline finish; 24 inches wide; in stylish check blocks, plaids and other patterns; cheap at \$1.00 per yard; watch them go in the special Silk Sale, <b>54c</b> at per yard	<b>FANCY SILKS.</b> 900 yards of fancy silk, including taffetas and Peau de Cygnes, in checks, plaids, stripes and fancy patterns; in all colors; regular value up to \$1.50; special Silk Sale price, per yard <b>98c</b>	<b>BLACK SILK SALE.</b> 70c quality Black Taffeta Silk, 19 in. wide, per yard <b>49c</b> \$1.20 quality Black Taffeta Silk, 27 in. wide, per yard <b>89c</b> \$1.25 quality Black Taffeta Silk, 36 in. wide, per yard <b>98c</b> 90c quality Black Peau de Soie 19 in. wide, per yard <b>59c</b> \$1.35 quality Black Peau de Soie, 27 in. wide, per yard <b>98c</b> \$1.40 quality Black Peau de Soie, 36 in. wide, per yard <b>\$1.10</b>
<b>FANCY TAFFETAS, FOULARDS AND LOUISINE SILKS.</b> 1,800 yards of fancy silks, including high satin finished foulards in many styles of polka dots and fancy stripes; also the soft Louisines and crisp taffetas in fancy check and shadow plaids, and many others, all go in the special Silk Sale at, per yard <b>68c</b>	<b>FANCY RAJAH SILKS.</b> Fancy Rajah Silk, 27 in. wide; beautiful silky quality in checks and stripes; colors blue and taupe; regular value \$1.25; special silk sale price per yard <b>89c</b>	<b>PLAIN TAFFETA SILKS.</b> 3,500 yards of plain taffeta silk, 19 in. wide, in every reasonable shade, in the rustling and soft quality; suitable for dresses, waists and petticoats; you will pay \$1.00 a yard for this later on, buy now when you can get it in the special Silk Sale at, per yard <b>66c</b>

### White and Colored WASH GOODS PRICES

That tell you to buy now.

Not another store that can show you so complete a stock to choose from—and here are cut prices just to keep up the enthusiasm for this department.  
50 pieces White India Linon, value 12 1/2c next week per yard **8c**  
50 pieces White Dotted Swisses, value 20c next week per yard **12c**  
500 yards Blouse Linens in the natural linen color, all pure flax for ladies' and children's suits; value 45c, 40c, 35c and 27 1/2c next week per yard **29c 26c 23c and 17 1/2c**  
50 pieces embroidered dot silk muslin, in pink light blue, red, lavender, Nile green, cream, white, gray and black, value 25c next week per yard **17c**  
Lingerie muslin, light, cool looking and dressy in dainty colored pin checks and pin stripes, value 50c, next week per yard **22c**  
Silk poplin radiant in exquisite shadings for street and evening wear, value 50c, next week per yard **29c**  
Satin barred Paris organdy, rich effects, for evening dresses and Summer costumes, charming color combinations, value 55c next week a yard **49c**

### 8 Ready-to-Wear Garment Bargains for Decoration Week!

2 Suit Bargains—2 Skirt Bargains—2 Coat Bargains and 2 Petticoat Bargains. Hard to tell which is the better—each in its own way is a value not to be missed by prudent buyers of spring and summer apparel.

**JUMPER SUIT**—Of guaranteed silk in plain or fancy checks, jumper finished with silk ribbon and braided, extra full pleated skirt to match, our regular \$12.50 suit, for **\$13.35**  
**SHIRT SUIT**—Very handsome design; waist and skirt are trimmed with a new pattern embroidered insert in the straight panel style, material best grade white Persian Lawn, sizes 32 to 42. You'll pay elsewhere \$5.00, our special price **\$2.45**  
**TAFFETA SILK PETTICOAT**—In black and all light and dark shades in plain or changeable colors, blouse finished with many groups of fine tucks, and silk bands, Silk underlay, cheap at \$3.75, our special price **\$6.00**  
**BLACK DRESS SKIRTS**—Of splendid quality Mohair, in the new plaited models with eight bands of same material, around hips finished with small silk covered buttons, neatly tailored, regular \$8.50 value. For Monday, Tuesday and Wednesday at **\$5.75**  
**BLACK SILK COATS**—Handsome Eton, Pony and three-fourth length, length, plain or box plaited, loose back coats, some with handsomely braided shoulders and fancy sleeves, of very best black Taffeta, values up to \$20.00, all marked for quick selling **\$9.98**  
**PEAU DE SOIE SILK COATS**—30 inches long, loose back large applique braided front, full length sleeves, cuffs finished with braid, a very up-to-date model one of our \$10.00 coats, while they last **\$6.98**  
**MOIRE PETTICOAT**—Made with a 14 inch flounce, finished off with three ruffles and double tailor stitching, separate underlay, very appropriate for spring wear, come in tan, brown and black, a \$4.00 petticoat, specially priced **\$2.55**

### GORGEOUS GRADUATION HATS AT \$4.75

It would be difficult to conceive of a collection which combined in a more attractive manner such a rare combination of dainty originality, absolute style correctness and true economy. They faithfully effect many of the Parisian designers—so becomingly shaped and prettily trimmed. Make it a point to visit our Millinery Section. This week and investigate this offer, strictly handmade hats, becomingly trimmed with high grade materials, genuine \$7.00 values. Special next week **\$4.75**

### A Sale without a precedent DRESSES

For Girls 6 to 14 years.

NOT ODDS AND ENDS, NOT JUST ONE OR TWO OF THE SLOW UNDESIRABLE NUMBERS, BUT OUR ENTIRE STOCK OF GIRLS' DRESSES AT PRICE REDUCTIONS NEVER BEFORE KNOWN THIS EARLY IN THE SEASON, JUST IN TIME WHEN THEY ARE MOST WANTED.  
Girls' colored dresses in every conceivable pretty style at the following price reductions:  
Regular \$1.99 values on sale **59c**  
Up to \$1.50 dresses on sale **99c**  
Style that sell regularly at \$2.00 now **\$1.39**  
Dresses worth \$2.00 each, on sale **\$1.89**  
Regular \$3.50 grades sell next week at **\$2.25**  
Beautiful white dresses in the greatest variety of styles and qualities. Dresses you'll want for the coming school closing exercises, in sizes 6 to 14 years. Here's how we cut the price:  
\$1.65 Dresses, next week **99c**  
\$2.25 Dresses, next week **\$1.65**  
\$3.50 Dresses, Sale Price **\$2.40**  
4.00 Dresses, Sale Price **\$2.65**  
\$5.50 Dresses, Sale Price **\$3.50**  
\$7.00 Dresses, Sale Price **\$4.75**  
\$9.00 Dresses, Sale Price **\$5.95**

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A bad back makes you gloomy. Can't be happy with continual backache.

The aches and pains of a bad back are mostly due to sick kidneys.

Doan's Kidney Pills cure sick kidneys.

They have made many a happy home in Salt Lake City.

Read what a grateful citizen says: Mrs. A. R. Watson, of 41 South Fifth West St., Salt Lake City, Utah, says: "Doan's Kidney Pills, which I procured at the F. J. Hill Drug Co.'s store, are a remedy of great merit and we have used them in our family with most gratifying results, especially in the case of one of our children whose kidneys were affected after a bad attack of typhoid fever. Doan's Kidney Pills acted splendidly in removing the trouble, and they are certainly worthy of recommendation."

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**Pineules** For Backache, Rheumatism and the Kidneys and Bladder

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