

WEDNESDAY, MARCH 26, 1879.

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Advertisements inserted at 50 cents per line for each insertion.

Transient business notices in local column, 10 cents per line for each insertion.

Delinquents will be sent to those desiring to advertise by the year, half or quarter year.

Seth Green's Discoveries.

The Great Pisciculturist Tells About Artificial Fish Propagation.

Interview in New York Graphic.

I have often been questioned as to what prompted me to venture into fish culture. To make a long story short, I have been engaged in the fishing business since I was a boy.

In 1838 I fished with set hooks and line for salmon trout in Canada, and in that year I made a discovery that afterward proved to be the turning point of my life.

One day while fishing, as usual, in a stream called Head Creek, in the Queen's dominions, my attention was attracted to the singular movements of a female salmon trout.

I noticed that she made a hole in the bottom of the stream with her tail and saw that she covered it up again. Creeping up close to the bank, I reached a tree and unobserved secured a foothold among its branches, giving me a clear view of the water and fish.

For more than a day, and saw the female fish repeat this action so frequently that I became fully satisfied in my own mind that this was their mode of casting their spawn and milt, and that rapidly running spring water was their usual resort for this purpose.

I resolved that at some future time I would utilize the information I had gained and throw aside my rod and line. Well, in 1864, at Caloona Creek, this State—the present location of the State fish-hatching establishment—I made a successful venture in artificial hatching.

I first took some spawn of the trout and used the same method that everybody else had tried, as far as I had heard. I placed it in a vessel and filled it one-third or one-half full of water, and then stripped the milt in and stirred it with the fish's tail, because it was soft and as it was the style then in vogue.

The temperature of the water I used was between 51 and 52 degrees. At the end of sixteen days I could tell that eggs were and which were not impregnated. I counted several hundred spawn, and found twenty-five per cent. impregnated.

I informed an acquaintance of what I had done, and he said it was as good as was ever done in any country. I was a little discouraged, and said I would not start in the hatching business if I could not do better.

At night I thought it over, and during the night I examined the milt under the microscope and watched the little animals, and supposed that in their movements they went into the egg. I then said to myself, suppose I do not use so much water; suppose I do not use any milt; and did not use any water, but added it down and let it stand five or eight minutes, and then added a little water to it, and in about ten to fifteen minutes more added a little more water, and at the end of half an hour washed them off and put them in the hatching apparatus, and in sixteen days I counted hundreds and hundreds of spawn, and had ninety per cent. impregnated. I did not tell anybody about it for three years.

Such was my beginning. In 1867 I artificially hatched 15,000,000 shad, and had stocked the Connecticut river in June of that year. In 1871 as many shad were caught in one day and had been caught in any one year in twenty years ago.

In 1868 I placed 5,000,000 shad in the river Hudson at Catskill, and at Catskill, and have followed it up with the same number yearly. They have done wonderfully well, and so have the fishermen, as there are ten now where there was one then.

Preserve the spawn while in the egg, and the fish when young unable to swim, and all will be well. This is done to a great degree by artificial hatching. Not more than one in 1000 is saved when hatched in the natural way, owing to the attacks made on the young by all kinds of insects and water animals.

Shad drop down into brackish water in the fall of the first year's growth. The second year they seek the sea, and probably one-half return in the third year. The fourth year they fully mature. Last year I sent 113 black bass to California, and 99 reached their destination in good condition.

These were used to stock the small lakes, and I expect that they will do well. The shad placed in the Sacramento river have thrived and increased beyond my hopes.

warmer. Black or lake bass need purer water than many other kinds. They want large, rocky rivers, where there are cray fish and dabs.

Lake George is a beautiful lake for bass, but they do not seem to thrive in it. Last summer I went down there and made a thorough examination, and I found there were no cray fish in the lake; so I had 1800 put in, which will soon stock it, and I have no doubt they will make it one of the best bass lakes in the country.

The cray fish are prolific breeders, and carry their spawn under their tail until hatched, and afterwards care for their young until they can take care of themselves. I think it is safe to say that every female raises 500 young every year. Rock bass and yellow perch and bullheads are good fish to put in some waters. Bullheads in particular are prolific breeders. They make a hole in the muck or bank large enough to admit themselves, and then dig out a room two feet in diameter. Here they lay their eggs and watch over them until they are hatched, and care for the young for three weeks. I put 600 bullheads in Chautauque Lake two years ago and now a painful can be taken in a short time. Four years ago a gentleman sent me 500 California brook trout and spawn, and I hatched and raised them. Now some of them weigh 2 1/2 pounds.

Last March we took 60,000 spawn from them, and distributed all but 20,000, which we are raising. They are a great deal easier grown than our brook trout, and I would like to see large shipments of the spawn made in the Atlantic States.

Argument Court Proceedings.

HELD MARCH 18, 1879.

John and Fred Walmsworth vs. Wallace M. Beaton and John Beckwith. This was a case in regard to the cutting of locust timber, and a large lot of locust blocks were produced in court as evidence as to where they belonged, and as to where they fit.

Motion for a new trial. Argued. Decision reserved.—Atkinson and Stone, Lyons and Burchfield.

The time for the argument in the case of David Wilson vs. William Zeigler was continued.—Patterson.

Overseers of Milltown vs. Overseers of Pennsylvania township. Appeal from an order of removal, regarding the funeral expenses of Miss Keiser. Argued. Decision reserved.—Atkinson and Stone, Lyons and Burchfield.

Read the advertisement of Airy View Academy, as published in another column.

Chew Jackson's Best Sweet Navy Tobacco. Dec. 4, 1878-ly.

The election tie was broken on Saturday by a poll of 65 votes for Haller, and 91 for Parker.

The question of a new county agitates Dauphin, Northumberland and Schuylkill counties.

The maple trees around Court House square have died profusely since they were trimmed.

President Hayes, in his proclamation appointing the riders of 187 called the demonstration an insurrection.

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praised valuation, or about cause why the same should not be sold. Atkinson—Patterson.

George Jacobs, Jr., was appointed Auditor to distribute balance in the hands of John Kurtz, Executor of Nancy Musser.—Atkinson.

Report of A. J. Patterson, as Auditor to distribute balance of money in the hands of J. C. Crawford and J. H. Junk, Administrators of S. B. Crawford, deceased, who was Administrator of Joseph S. Laird, deceased, was filed.—Patterson.

In the estate of M. F. Thomas, deceased, John D. Milliken was appointed Guardian.—Burchfield.

In the matter of the partition of the real estate of Jacob Weaver, deceased. Upon the return of the will, it appeared a controversy existed as to who was entitled to the interest of Tobias Weaver. A feigned issue was directed to be framed between the claimants, and certified into the Common Pleas for April term, 1879.—Parker.

SHORT LOCALS.

House cleaning.

Good Friday is a legal holiday.

The nights of last week were cold.

Blackbirds in flocks have come from the South.

Wallace and Randall are specks, each of the other.

Akron, Ohio, has had 15 elopement cases within a year.

The 18th snow of the season fell on Thursday night.

Muthersbach has taken his hardware store to Port Royal.

The wheat crop in Cumberland county is reported as not looking well.

Merchant John Yealy was prostrate with broken health a few days last week.

H. S. Thompson has been appointed post master at Reed's Gap, this county.

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Letter from Richfield.

RICHFIELD, March 22, 1879.

Editor Sentinel and Republican.—Dear Sir, I deem it expedient to write another brief communication from this place.

Mr. J. A. Zellers will teach a normal class, in a few weeks, at this place. Mr. Zellers is highly recommended as an instructor. He has had much experience in teaching, and takes a great interest in education.

Our old hunters are giving the foxes a chase this spring. We have good hunters in this vicinity, and we think we can supply the market with scalps.

Married.—On March 18th, at Millintown, Simon Graybill, of Richfield, and Miss Stella Platt, of Thompsonston.

Died.—On March 7th, Mary Pile, aged 79 years. Her remains were buried in the Mennonite cemetery.

We noticed in your week's Democrat and Register a letter from this place by Rhinoceros. Rhinoceros' statement was a mistake. We all know Rhinoceros. Persons who are acquainted with 'our lawyer' are also acquainted with Rhinoceros. Rhinoceros said that Victor would ask the 'lawyer' for a chew of tobacco, but he got his sentence inverted. He also stated that Victor would borrow a pipe and smoke like a Moscow chief, but Rhinoceros can smoke enough for the county also. The strength of his pipe is enough to satisfy all. After this there is no danger, for they filled Rhinoceros' horn with lead, to balance his head. Any person wanting a new clay-pipe can be accommodated by Rhinoceros.

Yours, very truly, VICTOR.

The other day, while a Detroit Justice of the Peace sat warning his feet by the stove, and his nose by a cigar, a stranger entered and presently inquired:

"Judge, how much will you charge me to read over about fifteen lines' printed matter from a book I have?"

"Why, can't you read them?" replied the Justice.

"I can, but I want to hear how the lines sound when read aloud. I'll give you a quarter to read them to me."

"All right," replied the Justice, "I can't read two chapters any easier."

A woman entered the door at that moment and the stranger put down the book on the desk, clasped her hand and said:

"Begin at the pencil mark there, and read slowly."

His Honor's chin dropped exactly eight inches by doing merely as she said that the reading matter was the usual form of marriage, but he didn't look down from his word. It was the cheapest marriage he ever attended, and he didn't half enjoy the chuckles of the bride and groom as they went out.—Detroit Free Press.

This is the difference in cases: If a man is on the cars and sees a young lady he doesn't know from Eve, and never saw before, trying to let down the window he throws down his paper, takes off his hat, bows himself double, smiles clear round to his after-collar button, says sweetly, "Allow me?" and closes the window with graceful skill and charming courtesy. If his sister says, "Tom, won't you please let this window down for me?" he tucks his paper savagely under his arm, and stalking across the aisle, stands on her feet while he bangs the window down with a slam that fills her face and hair with dust. And if his wife, holding the baby in one arm and a lunch basket on the other, tries to let down the window, and says timidly and suggestively, "Oh, dear, I don't believe I can get it down," he grunts, says "Eh! oh!" and buries himself still deeper in his paper.

THE "FORTY THIEVES."—A Yankee, who had never paid more than twenty-five cents to see an exhibition, went to a New York theatre one night to see the "Forty Thieves."

The ticket-seller charged him seventy-five cents for a ticket. Having the post-card in his pocket, he quietly remarked: "Keep it tight; I don't want to see the other thirty;" and out he marched.—New York Post.

NUMERICAL ENIGMA. I am composed of 17 letters. My 1, 3, 12, 13 is the name of an animal. My 15, 16, 6, 7, 15, 9 is the name of a fowl.

My 9, 5, 17 is the name of an animal. My 11, 16, 6, 1, 17 is a girl's name. My 1, 4, 8 is an instrument.

My 2, 5, 10, 8 is not curly. My whole is the name of a prominent man in history.

THE TOKEN. Glad in purple, he sat in his palace, A powerful king, in the days of old; But in a twinkling, he was a beggar, Whose gems were crushed in beaten gold.

Who hath jewels like mine? I demand! The hoastful monarch, and straightway then, Through his men-at-arms, who at once disdained him, Came one, who looked like the Man of Jewell.

He came in proudly, and held up a jewel, Held it with both hands over his head; Its light was lovely, its light was cruel; But cruel or lovely, the light was dead.

It shot out sparks; it was a Glory, A terrible splendor, a sacred Fire; No one who looked at it, in song or story, For who had that had his soul's desire!

Its brightness shone over land and ocean, Far-reaching—a dazzling, blinding light, A sense of Love, and a sense of Might.

Who hath jewels like mine? I demanded! He answered, "Keep it, in song or story! It grew where the rivers are golden-sand, With others—it does not compare with them!"

"I say to thee, monarch, it is a token Of the Masters, that ever on earth remain; And if by chance any part is broken, It is nothing less, but is whole again."

CAMPION MILK.—Dr. Oberholzer's Liniment has been used by thousands, and has proved to be of the highest value to the community. It has effected many cures in Rheumatism, Sore Throats, Sprains and Fractured Feet, and many persons recommend it for Cuts, Galls and Swellings in horses. It costs 25 cents. Sold by Banks & Hamlin, Millintown, and Hamlin & Co., Patterson, Pa. [mar19-ly]

Campior Milk cures Rheumatism and Neuralgia. Campior Milk cures Chorea and Lame Back. Campior Milk cures Cuts, Bruises and Burns. Campior Milk costs 25c; 5 bottles \$1. Sold by Banks & Hamlin, Millintown, and Hamlin & Co., Patterson. [mar19-ly]

Phenix Pectoral will cure your Cough. Phenix Pectoral cures hoarseness quickly. Phenix Pectoral tastes good and brings rest. Phenix Pectoral costs 25c; 5 bottles \$1. Sold by Banks & Hamlin, Millintown, and Hamlin & Co., Patterson. [mar19-ly]

FOR SALE.—A commodious Dwelling House, with two stories, a long row was built in Millintown, Juniata county, Pa. This is a rare chance to acquire a dwelling house, and business place in Millintown; a chance, which if left pass, may not be equalled in many years. For particulars, call at, or address this office. [Jan29-ly]

THE QUARRELSOME SPARROW.

A robin came home from the South one day. A happy as ever a bird could be; And cheerily singing, she found her way To the nest in the boughs of the old elm tree.

When a sparrow who swung on the topmost twig, Ducked his pert little head with a mocking-sing air.

Whistled a bar of "The Runaway Jig," Gave poor Mrs. Robin a snappy stare, And chirped, "Dear, dear, is this really you? I'm surprised beyond measure; pray how do you do?"

I'm sure I'd no thought to see you again! We supposed you had gone to the South to die!

Your voice had such an unusual strain When you sang to the children a hoarse "cock-a-doo!"

The frosts seemed to weaken your delicate throat, For you didn't sound a respectable note!

I felt quite unhappy, I did, indeed; (Though you never once say "Farwell")

When I thought of the hearts that would ache and bleed, If you never came back to the old elm tree—

My grandfather sighed, "Poor thing, poor thing! Her heart will be missed when the robins sing!"

Your family followed; and scarce a bird Would have cleared the gloom of the winter weather, Or chirped to the children a friendly word, If we sparrows hadn't agreed together, To show our sweet friends what was right to do;

(Of course, Mrs. Robin, I did not mean you!) And here you come back with your "travelled" air.

Your stories and adventures and disasters, Your wonderful hints of pleasures rare, The songs you have learned from your southern masters, And the frolics that were ours all the winter through,

Turn their backs upon us and go wild about you!"

The dear little robin said never a word, But returned, and chirped, and began to sing.

A carol so sweet, that the jealous bird Flew down from his perch with a hop and a spring.

And kissed and made friends;—and the robins say He quarrels no more from that very day.

I LOVED Amanda, just all telling, For her boy's bosom dire was swelling, Her pictured sweetness stole my sleep, I know, therefore, my love was deep.

On tinted cloudlets, resting soft, She floated near, in fancy oft, Fed by the gods, on nectar still, Oh, bliss! To pay no grocer's bill.

We two were wed, and then I found In No. 7's she walked the ground, And if the gods had led before, They never had her any more.

FOR RENT.—The Corner Store-room in the Bedford Building, now occupied by R. E. Parker, is for rent. Inquire of MARGARET BELFORD.

MARRIED. POMEROY—CRAWFORD.—At the residence of the bride's mother, on March 20th, 1879, by the Rev. T. J. Sherrard, assisted by the Rev. J. J. Pomroy, of Rahway, N. J., and the Rev. Stephen W. Pomroy, of Mount Union, Pa., Mr. William C. Pomroy, of Port Royal, Pa., and Miss Elsie B. Crawford, of Millintown, Pa.

GINGRICH—LYDER.—On the 13th inst., at the residence of the bride's parents, by Rev. Solomon Sieber, Mr. Henry Gingrich and Miss Fianza Lyder, both of Delaware township.

DIED. GRIFFITH.—On the morning of the 23th inst., at the residence of her son-in-law, C. B. Hoping, Mrs. Barbara Griffith, aged about 65 years.

The funeral will take place on Thursday at 2 o'clock P. M. Interment in Lutheran Cemetery.

CLOSING PRICES OF DE HAVEN & TOWNSEND, BANKERS, No. 40 South Third Street, PHILADELPHIA.

Stocks Bought and Sold either for Cash or on a Margin. March 24, 1879.

U. S. 6's 1881..... 106 1/2
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