# THE COLUMBIAN AND DEMOCRAT, BLOOMSBURG, COLUMBIA COUNTY, PA.

#### The Father of Fish-Culture.

SETH GREEN'S IDEAS ABOUT THE FINNY TRIBE AND SOME OF HIS VARIED. EXPERIENCES.

### (Turf, Field and Farm)

"How did you ever come to devise this scheme ?'

"I have been working at it ever Seth Green. since I was large enough to bend a

The above remark was addressed to Mr. Seth Green, the veteran fish culturist, who is known to the entire world, and his reply indicates the extent of his labors.

"When I was young," he continued, "I would lie on the limbs of trees that reached over the water entire afternoons watching the movements of the fish and studying their habits. In this way I discovered many characteristics which were before unknown. I saw, as every observer must see, the destructive elements that are warring against fish, and I realized that unless something were done, the life in the streams of this country would become extinct. To counteract this disastrous end became my life work, and I am happy to say I have seen its accom-

"Were you successful on the start ?" "No, indeed. Up to that time all artificial attempts to hatch and raise fish from the spawa had failed, and I was compelled to experiment in an entirely new manner. The work was a careful one, but I finally succeeded, and to-day I am able to hatch and raise fully seventy-five per cent of all spawn."

"Enormous ! Why, that is a larger percentage than either the vegetable or animal kingdoms produce in a natural condition.

means.

"I know it, but we exercise the greatest care in the start, and guard the little fellows until they become able to care for themselves."

The foregoing conversation occurred at Caledonia where the representative of this paper was paying a visit to the state fish hatcheries. It has been his privilege to report very many interesting sights within the past twenty-five years, but the view presented here exceeds in interest anything ever before attempted.

"How many fish are there in those ponds, Mr. Green ?"

"As we have never attempted to count them it will be impossible to say. They extend way up into the millions though. We shipped over three millions out of the ponds this year and there seemed to be as many afterward as before. We have nearly every variety of the trout family and many hybirds." fond of hard names !

"You speak of hybirds. Mr. Green. What do you mean by that ?"

"I have experimented for years crossing the breed of the various fish and am still working upon it. We cross the female salmon trout with the male brook trout, and thus produce a hybird. Then we cross the hybird with the brook trout, which gives us threequarter brook trout and one-quarters salmon trout. This makes one of the finest fishes in the world. He has all the habits of the brook trout, lives in both streams and lakes, develops vermillion spots on his sides, rises readily to a fly, is far more vigorous and fully one-third larger than ordinary brook trout of the same age. The

certainly cause for congratulation to Personal to Mr. Wanamaker and every American that this country pro-Personal duces so many men whose genius brings you, if you are one of the thousand tou value to the world, and it is proof posipassing through Philadelphia, homeward, tive of the greatest merit that a remedy from sea or woods, mountain or springs, even with such high standing as War stop over a train, or break your journey

ner's Safe Cure is known to have should for a day and see the store. Come in and be so strongly endorsed and recommend leave your luggage at the checking places ed by one so reputable and reliable as near almost every principal entrance ; look about, rest, and when ready take up you. journey with a full knowledge of where

Common Weeds. the store is, what is in it, how it does Many years ago we had not as many

things. This will gratify us and you, and doctors as we have now. The roads may serve us both. Perhaps you saw the store during the Centennial year. To have were bad, and people lived at great distances. It was then that herbs or seen it then was one thing ; indeed, to have "simples," as they used to call them, seen it any year since, is quite a different were in great demand, and the good thing, but to see it now is quite a different housewives and mothers learned to be thing still. In the Centennial year it was very skillful, in cases of sickness, in the simply an overgrown clothing store, full of art of making healing drinks and oint. men's and boys' garments, and the workart of making healing dricks and out-ments, which were of great efficacy. And what do you think they were made of ? Why, only the simple wild flowers or roots that grew all around their very doors. But except in re-mote country places, where they seldom drop old customs, these simple section remains of what was seen at the medicines have gone quite out of fash- | Centennial time,

ion, and now-a-days people when they Then there was a single floor, now it is are ill send tor a physician, take just skirted with galleries on all sides ; and what he gives them and pay him a tresince they have gone up to the third story, mendous fee, when at the same time elevators have had to be put in to carry they do not dream that they are often the people up. Then there was no open receiving from him as simple a remedy as their great grandmothers took, years ing through to Chestnut Street, and now ten stores have been taken in the Chestnut and years ago, for the very same dis-Street end so that the block from Chestnut ease-only the name has been changed Street to Market, and from Thirteenth to in these later days. For instance, if Juniper, or East Broad, is practically one you go into a drug store and look among the long row of labelled bottles property. The basement is worth mentioning, too. While the business was you will find one marked Taraxacum. going along on the main floor we kept up Now this is a hard Latin name, and the floors by stout columns, and for nearperhaps you have no idea what it ly a year dug away the earth that hun-You will find it to be a very dreds of carts were removing, to make, old friend of yours, perhaps the very from curb-line under the street pavement commonest in the lane where you walk every day.—the dandelion ! An-other fanciful label is *Tussilago forfa*. ra, which is nothing more nor less than coltsfoot,—so called from the form electric lights which do not heat the air. and size of the leaves, which are It is dry, and cooled by ventilating machi-round and as large as the palm of the nery. It has eight broad staircases, so hand-a marguerite of a brilliant yel. that within a few steps of any portion there low, the rays as fine and slender as is quick exit. This is one of the pleashairs. From the time of Hippocrates this flower has been supposed to have a salutary influence on the lungs, and here. The new and spacious Toilet Rooms has long been employed to soothe irri- for Ladies are here, and the new section tation of the air passages in cases of for refreshments is just being completed asthma. The cotton of the leaves, here. All this makes up a Department of wrapped in a rag in a solution of salt Public Comfort quite acceptable to those petre and dried in the sun, made an who want the conveniences to rest awhile. excellent tinder in past times, when we It would be natural for us to speak of had no lucifer matches. ad no lucifer matches. Liquorice is another of the plants us open to apparent boasting ; this is not is well seasoned and none but akuled workme

which is *Glycyrrhiza glabra*, a very hard name that botanists have given "Cause she couldn't help it." People "Cause she couldn't help it." People to this simple plant-but botanists are want the service we render, we try to make service better and better, and make them

The Digitalis that exercises such a want us more and more. This is a place langerous influence over man, imped- where many of the things are gathered ing the circulation of the blood, and that are wanted in every family in the which no animal ever touches, is the city and country round about. They are foxglove with its stem of rose-colored got from the best makers, presented for flowers, tiger spotted, and white with-in, abundantly skirting the woods in sale fairly, sold without haggling, sold to be returned if the price of the goods whose shade and coolness it delights. are wrong, Why shouldn't such a place Who would have thought that Nabulus Albus was only the common white lettuce, or that Hydrastis Cangrow ?

Men work from sunrise to sunset, aye, spend their lives in getting money so that adensis was the little lilac-colored flowheir families can get things. Isn't it wise er of the colchicum which enamels the to find out the best place to get the things ? meadows in the autumn, coming with-'It is the best place," that we have been

building at, and we are building at it every Many plants such as hoarhound, an-gelica and others, do not seem to be day still, and we hope never to be done



brook trout of the same age. The recognized as *plants* at all. They are while there is anything to improve. ibuilties of development in the fish sweet stuff ! Hoarbound, with its You must surely come to see us of the sweet stuff ! world are great and we are rapidly as world are great and we are rapidly as many stalks a cubit high, covered over invitation, and then you will know what to B. F. SHARPLESS, certaining what they are." As the man of news watched the for the sake of the extract, and made with a thin white down, is cultivated say to your friends.

out leaves or supports ?

gard it as entirely useless-but now

As the man of news watched the could for the sake of the extract, and made into candies and other forms. While into candies and other forms. While the peppermint, with its pretty purple flowers, is sold to the druggists, and distilled for oil. We are all apt to from a rich and life-long experience, bring great benefit to the world. Let able, stinging plant, as good for noth able, stinging plant, as good for noth ing, but to be rooted up whenever it is found : but if this poor despised plant can cause pain by its sting, it can also the reader imagine a strong and stalwart frame, surmounted by a head strongly resembling that of Socrates, and covered with a white silky beard relieve pain, for if you were to make a and luxuriant gray hair. Seth Green, drink, by boiling its roots in water, it the father of fish culture, is a picture would entirely remove the irritation of of health, and the reporter could not the skin, caused by that painful comhelp remarking so. plaint, the "nettle rash," while the

"If you had seen me the last winter fresh juice will take away the marks of and spring, young map, you might have thought differently," said the vet tell how many insects make their meal off the nettle, and live on it as a home,

"How is that ? One would think, to or of the beautiful lace that has been look at you, that sickness was some made from its fibers, you would not rething of which you knew nothing."

"Aud so it was until last winter. 1 we are only speaking of the medical went down into Florida in the fall to properties of the plant. see what kind of fish they had in that You have taken a severe cold, and state and study their habits and was state and study their habits and was as you go home along the lane, attacked with malaria in its severest does it ever occur to you that several form, and when I came home I realized remedies are growing close beside you? for the first time in my life, that I was sick. My symptoms were terrible. I from its usefulness, has in many small had dull, aching pains in my head, limbs and around my back My appe-tite was wholly gone, and I felt a lack remedy, there is the little cup moss, of energy such as I had often heard growing so freely all about you ; or growing so freely all about you ; or still another, the mallow. All country described but had never experienced. Any one who has ever had a severe at children have played with the seeds of tack of malaria can appreciate my con the mallow, and called them "cheeses." dition. I went to bed and remained There are several kinds, but the marsh there all the spring, and if there ever mallow is the one mostly used. Then was a sick man I was one." there is the pretty plant so valuable for

"It seems hardly possible. How did

inflammation of the skin, called "Poor Robin," or "Herb-robert," which is you come to recover so completely ?" "My brother who had been afflicted nothing more than the wild geranium. by a severe kidney trouble and threat-We all know it, for it grows everyened with Bright's disease was comwhere, under a bush, high up on a wall, in the lane, or hidden away in the pletely cured by a remedy in which I had great confidence. I therefore tried the same remedy for my malaria and am happy to say I am a well man to-day and through the instrumentality and are of great benefit in cases of inof Warner's Safe Cure, which I believe flammation. to be one of the most valuable of me-

In this short article we have seen dicines. Indeed, I see it is endorsed low useful some of our commonest by the United States medical college of plants are, and that everything has its New York, and that Dr. Gunn, dean appointed place in the world. Who of that institution, has written a long can doubt the existence of a superinarticle concerning its value." tending and all designing Creator, who

"And are you not as well as former has disposed every part in relation to the great whole, making even the little

"Apparently so. I keep the remedy leaf of the most insignificant herb of on hand all the while though and do the field an essential member of the not hesitate to recommend it to others." grand scheme of the universe ! speak-

"One question more. How many ing to all who have ears to hear, the lessons of love and wisdom ? These ponds of fish have you here and how "characters of Nature" which everyare they divided ?'

"Weli, we have 43 ponds which are where meet the eye, are not a common, divided up as follows : 22 ponds of but a sacred writing, for they are the brook trout, 2 ponds of salmon trout, 4 very hieroglyphics of God." of McCloud river or rainbow trout, 2

COOKING POTATOES .- A favorite ponds of German trout, 3 of California mountain trout, 2 ponds of hybirds 1 of way to cook potatoes now is to boil one-quarter salmon and three-quarters [ them in their jackets until they are brook trout, 2 ponds of gold fish, and 1 | tender, and then dry them off in a hot pond of Carp. Then we have what we oven. Sweet potatoes are excellent call the centennial pond of 'happy fami-ly,' consisting of crosses of different fish, including Kennebec salmon, Land Locked salmon, California salmon, brook trout, salmon trout and hybirds. These fish range in size from minnows to 18-pounders, and in age from one-and one-half months to eleven years. I forgot to say, also, that we have a 'hospital' pond which is entirely among which is entirely and the theory of theory of the theory of the theory of the theory of the theory o which is entirely empty, which speaks seem to know.

pretty well for a community of many millions. Indeed the whole secret of Four miners were killed at Wilkes fish culture can be summed up in four things. Impregnation,—using no water. Plenty of food. Plenty of pure water and cleanliness." 144561.

The numerous fish exhibitions which

are taking place in all parts of Europe | Wm. M. Singerly editor of the Philaand the nausual interest which is being delphia Record purposes building on manifested in this subject throughout thousand dwelling houses in Philadel the world all owe their origin to the phia within the next few years. He process above described as originated has already completed one hundred and and conducted by Seth Green. It is twenty six.

You must surely come to see us on this

thing else." THE REMEDY so favorably noticed in all

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"How much better father is since he used Hop Bitters." "He is getting well after his long suffering from a disease declared incurable."

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down his fist hard on the counter to emphasize the heartless remark. It was in the village store

philosophers. He was homely, slovenly and six

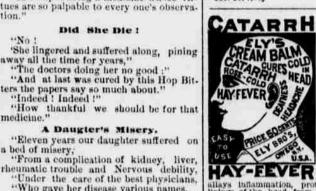
the papers, "Religious and secular, is

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that we avoid all such. "And simply call attention to the merits of Hop Bitters in as plain, honest terms as possible, "To induce people "To give them one trial, which so proves their value that they will never use any-

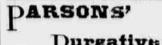
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ise. Send for circular. Sold by druggists. nail 50: a package-stamps. ELY BROTHERS, Druggists, Owego, N. Y.



at West Milton, Saratoga County, and the speaker was the central figure of a group of buncholic "There's where I differ from you altogether," said Mr. George T. Graham, of the same place, "Women are mostly what men make em. When

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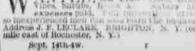
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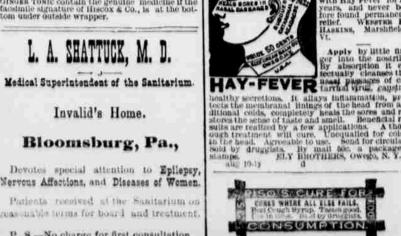
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