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 since I was large enough to bend a pin." The above remark was addressed to Mr. Seth Green, the veteran fish cul-turist, who is known to the entire world, and his reply indicates the extent of his labors.

"When I was quite young," he con-tinaed, "I would lie on the limbs of trees that reached out over the water entire aiternoons watching the movements of the fish and studying their habits. In this way I discovered many characteristics which were before unknown. structive elements that are warring against fish, and I realized that unless something were done, the life in the structive. To counteract this disastrous end became my life work, and I am happy to say I have seen its accomplish-ment." ment.

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

fully seventy-five per cent, of all spawn." "Enormous! Why that is a larger per-centage than either the vegetable or an-imal kingdoms p roduce in a natural condition.

"I know it, but we exercise the great-est 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 interest-ing sights within the past twenty-five years, but the view presented here ex-ceeds 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 ex-tend way up into millions though. We shipped over three millions cutof the pond this year and there seemed to be as pond this year and there seemed to be as many afterward as before. We have nearly every variety of the trout family and many hybrids. "You speak of hybrids, Mr. Green, What do you mean by that?" "I have experimented for years in measure the bread of the various fish and

crossing the breed of the various tish and I am still working upon it. We cross the female salmon trout with the male brook trout, and thus produce a hybrid. Then we cross the hybrid with the brook trout, which gives us three-quarter brook trout and one-quarter salmon trout. This makes one of the finest fishes in the world. He has all the habfishes in the world. He has all the hab-its of the brook trout, lives in both streams and lakes, develops vermilion spots on his sides, rises readily to a fly, is far nore vigorous and tally one-third larger than the ordinary brook trout of "the same age. The possibilities of de-velopmat in the fish world are great and we are rapidly ascertaining what they are." are.

As the man of news watched the countenance of Mr. Green while he was giv-ing the above account, he could not but feel that he was in the presence of one of the ew investigators who, from a rich and life long experience, bring great benefit to the world. Let the reader ina gine a strong and stalwart frame, sur-mounted by a head strongly resembling that of Socrates and covered with a write silky beard and luxuriant gray hair. Seth Green, the father of lish culture, is a pic-ture of health, and the reporter could not help remarking so.

to eleven years. 1 torgot to say, also, that we have a 'hospital' pond, which is entirely empty, which speaks pretty well for a community of many millions. Indeed the whole secret of fish culture can be summed up in four things. Im-pregnation,-using no water. Plenty of tood. Plenty of pure water and cleanli-ness."

The numerous fish exhibitions which are taking place in all parts of Europe and the unusual interest which is being manifested in this subject throughout the world all owe their origin to the process above described as originated and conducted by Seth Green. It is certainly cause for congratulation to every American that this country produ-ces so many men whose genus brings value to the world, and it is proof posi-tive of the greatest merit that a remedy even with such high standing as Warner's Safe Cure is known to have should be so strongly endorsed and recommen-ded by one so reputable and reliable as Seth Green.

The Jews in the Holy Land.

The colonization of Jews in the Holy Land is likely to be a dire failure unless r dical measures of relief and reorganization are immediately adopted. Reports have reached England that the Reports have reached England that the coionists at Zimmarin, who are nearly all refugees, are literally dying of hun-ger, and the colony at Rosh Pinah is in almost equal difficulties. The resources of the Central Committee at Galatz are said to be exhausted, and i is not easy to see how the situation of affairs can be changed unless the rich Jews of Eu-rope and America come to the rescue rope and America come to the rescue. At Rosh Pinah there is no money to develop the resources of the c lony, while at Zimmarin there are more families than the land is capable of supporting. The chief mistake seems to have been in undertaking the coloniza-tion enterprise without sufficient funds to make it feasible. The London Globe goes so far as to say that "the whole project has been so grossly mismanaged that it is time the control of it passed into more capable hands"

Webster's Love for the Old Home.

Among the various reminiscences of Daniel Webster, suggested by the centennary of his birth, Jan. 18, is the following extract from Daniel Webster's speech at Saratoca the following reference to the house of his infancy, which has been pronounced as beautiful a specimen of language as has

been written in the English tongue: "I love to dwell on the tender recollections, the kindred ties, the early affectione and the touching narratives and incidents which mingle with all I know of this primitive family abode. I weep to think that none of those who inhabited it are now among the living; and if ever I am ashamed of it, or if I ever fail in affectionate veneration for him who reared it, and defended it against savage violence and destruc ion, cherished all the domestic virtues beneath its roof, and through the fire and blood of a seven years' revolutionary war, shrunk from no danger, no toil, no sacrifice, to serve his country, and to raise children to a condition better than his own, may my name and the name of my posterity be blotted forever from the memory of mankind!"

Lights that Rids the Waves in Violent Gales and Tossing Waters.

From the Providence Journal.

The illuminated buoy is a wonderful invention. Imagine an enormous lamp riding the waves. The busy is a compact wrought iron vessel, which serves as a receiver of compressed gas. The duration of the flune depends upon the size of the buoy Some in use in Europe have been made t burn thirty days and some one bundto land twenty days. It is said that a buoy of suf-ficient size will contain gas enough to fur-nish the light for one year. During that time the flume is steady and constant night and day requiring no att nit or whatever and day, requiring no attenti n whatever after once put in operation. The lantern a ta hed to the buoy admits ar enough to feed the flame, but not a particle of water can enter.

The most violent gales, the greatest force

"BUENS AND SCALDS."--If you are so un-fortunate as to tujure yours it in this way, we can suggest a remedy that will soon re-lieve you of all pain and quickly heal the wound; it cost but twenty-fiv; cents and is old by all druggists. Ask for Perry Davis' Pain Killer.

A street railway company has been or-ganized in Wabasha, with \$10,000 capital. SEINEY MEN-"Wella' Health Renewer" restores health and vigor. sures dyspensis, impotence. \$1.

Real estate valuation of the city of Austin

\$465,813; personal property, \$233,500.

An invaluable strengthener for the nerves. muscles and digestive organs, producing strength and appetite, is Brown's Iron Bitters. What We Ought to Do.

What We Ought to Do. A wise man being asked what boys should learn answered: "What they ought to do when they come to be men." They as well as men should learn that Allen's Iron Fonic Bitters purifies the bloed, arsimilates food and cures dyspepsia. All genuise bear the signature of J. P. Allen, St. Paul, Minn. A saloen was recently burglarized in Min-neapolis to the amount of \$13.

WELLS ROUGH ON CONNS."-15c. Ask for it. Complete, permanent cure. Corns. warts, bunions, Mrs. Caroline Fossum of Manchester died recently aged minety three years.

Rev. W. B. Smith, Gratton, Mass., says: 'I have derived benefit from using Brown's

Iron Bitters for a low state of blood."

I have taken Saut's Specific (S. S. S) for Rheumatism, and found perfect relief. It is the best todic and Blood Remedy known to science. D. P. Hill, Attorney at Law, Atlanta, Ga.

Hattie Olmsted, aged 15, married Henry Philips, seventy-five, at Greig, Lewis coun-ty, New York.

"BUCHU-PATHA."-Quick complete cure, all annoy-ing Kidney and Urinary Diseases. \$1.

We recommend Wise's Axle Grease



For Sale by all Druggists.

Scalds,

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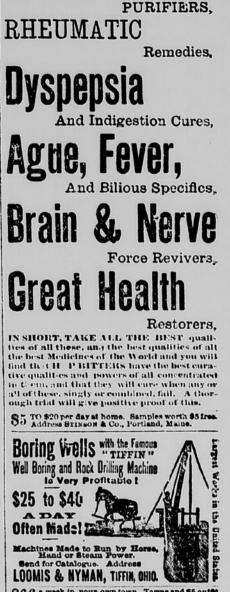
In chronic dyspen is and liver com-

plant, and in chremid constipution a n-other obstinute dis-cases Hostetter's Stomach blitters is leavend all compari-son the best remedy

Toothache



TORPID BOWFELS, DISORDERED LIVER, and MALARIA. From these sources arise three-fourths of the diseases of the human rate. These symptoms indicate their existence: Loss of Appetite, Bowels costive, Sick Head-ache, fullness after eating, eversion to exercise of body or mind, Eructation of food, Irvitability of temper, Low oprine, A feeling of having reglected some duty, Pizziness, Fluttering at the freart, bots before the eyes, highly col-ored Urine, CONSTIPATION, and do mand the use of a remedy that acts directly on the liver. As a Livermedicine TUTT's PILLS have no equal. Their action on the Kidneys and Skin is also prompt; removing all impurities through these three "scav-engers of the system," producing appe-tue, sound digestion, regular stools, a clear skin and a vigorous body. TUTT's PILLS cause no nausea or griping nor interfere with daily work and are a perfect



Medicines.



malaria in its severest form, and when I came home I realized for the first time in my life, that I was sick. My symp-toms were terrible, I had dult, aching pains in my head, limbs and around my back. My appetite was wholly gone, and I felt a tack of energy such as I had oft-en heard described but had never experienced. Any one who has ever had a severe attack of malaria can appreciate my condition. I went to bed and re-mained there all the spring, and if there ever was a sick man I was the one.

"It seems hardly possible. How did you come to recover so completly "

"My brother, who had been afflicted by a severe kidney trouble and threat-enen with Bright's disease was com-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 dian to day and through the instrumentality of Warner's Safe Care, which ! believe to be one of the most valuable of medicines. Indeed, I see it is end-arsed by the United States medical college of New York, and that Dr. Gunn dean of that institution, has written a long article concerning its val-

ue." "And are you now as well as former-ly?" "Apparently so. I keep the remedy on hand all the while though and do not hesitate to recommend it to others" "One creation more. How many

"One question more. How many ponds of fish have you here and how are

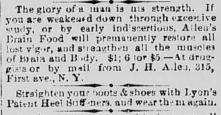
they divided. "Well, we have 43 ponds which are divided up as follows: 22 ponds of brook trout, 2 ponds of salmon trout, 4 of Me-Cloud river or rainbow trout, 2 ponds of German trout, 3 of California mountain trout, 2 ponds of hybrids, 4 of one-quarter salmon and three-quarters brook trout, 2 ponds of gold fish, and 1 pond of carp. Then we have what we call the centennial pond or 'happy family,' consisting of crosses of different fish, inclu-ding Kennebec salmon, Land Locked salmon, California salmon, brook trout, sal-non trout and hybrids. These fish range in size from minnows to 18-pounders, and in age from one and one-half months Coughs, asthus and Bronchitis has been unparateled.

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not help remarking so. "I you had seen me the last winter and spring, young man, you might have thought differently," said the veteran. "How is that? One would think, to look at you, that sickness was something of which you knew nothing "" sha, can be thrown six of seven miles in "And so it was untillast winter. I went down into Florida in the fall to see what kind of fish they had in that state and study their habits and was attacked with and requires bat a few minutes time. It is done by passing the gas from a store holder, which contains the gas compressed to ten atmospheres, by means of a flexible tube into the buoy to a pressure of six atmospheres.

> Catarrh and Hay Fever-For twenty years I was a sufferer from Catarrh of the head and throat in a very aggravated form, and during the summer with hay fever. I procured a bottle of Ely's Cream Balm and after a few applications received decided benefit—was cured by one bottle. Have had no return of the coupl int. CHAR-LOTTE PARKER, Waverly, N. Y. (Price 50 cents per bottle.)



Our home trea ment positively cures all

d senses; cost small; write for pamphlet-Home Health Co., Minneapolis, Minn. \$10,660 would not paramase from me what Switt's Specific (S. S. S.) has effected in my case. It has cured me of Malarial Rheumatism. Archie Thomas, Springfield,

Pure Cod-Liver Oil made from selected livers, on the scathore, by Caswent, HAZARD & CO., New York. It is absolutely pure nuclesweet. Patients who have once taken it prefer it to all others. Physicians have decided it superior to any of the other oils in market.

market. Chapped Hands, Face, Pimples and rough Skin cured by using JUNIPER Tak SOAP, made by CASWELL, HAZARD & CO., New York.

New York county doctors are in the midst of a code war.

"ROUGH ON RATS"-Clears out rats, mice, flies, roaches, bed-bugs, ants, vermin, chipmunks. 15c.

The Panama canal is to be done in 1888. FLORENCE, GA.-Dr. W. B. Prather, says: "Brown's Iron Biters have given satisfac-tion is every instance I have known it used."

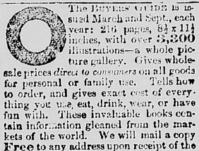
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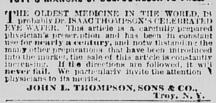
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BAD, BAD, BAD BLOOD. Some blood is bad because it is poor and weak. Some is bad because

it contains impurities. Some men have such bad blood that the wonder is it does not poison the mosquitces who come to bite them. The rich red color of good blood is owing to the iron which is present.

Blood which has not enough iron in it is always unsatisfactory. The person in whose veins it circulates cannot be said to enjoy good health.

The efforts of expert chemists to produce a preparation of iron which can be assimilated with the blood have resulted in that perfect preparation which is an important part of Brown's Iron Bitters. It is the only one which freely enters into the blood. _ It is the only one which accomplishes the desired good.

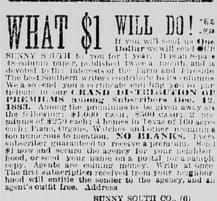
"Weak, poor, thin blood may be made rich and strong, and impure blood may be purified by the use of that Great Iron Medicine, Brown's Iron. Bitters.



This Porson and Skin Humor. INHERITED IT. - My family all have Serotula more mildly, but my case was of the worst type, and resisted all treatment until I used Switt's Spe-cine, which curred me sound and well by forcing al-tic poisson out through the pores of the skin. It is use poisson out through the pores of the skin. It is use the state of the sound and well by forcing al-tic poisson out through the pores of the skin. It is use the state of the sound and set by forcing al-tic poisson out through the pores of the skin. It is use the sound set of the skin. It is use the sound set of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the sound set of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the pores of the skin. It is the poisson out through the poisson out the poiss

After suffering twenty-five years with a paint Dry Tetter, and trying many physicians. I was at last relieved by the use of Switt's Specific, and I cheerfully commend it to all imilarly afflicted. IEV. I. R. BRANHAM, Macon, Ga.

Our treatise on Blood and Skin Diseases mailed free to applicants. THE SWIFT SPECIFIC CO. Drawer 3, Atlanta, Ga.



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