

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 culturist, who is known to the entire world, and his reply indicates the extent of his labors.

"When I was quite young," he continued, "I would lie on the limbs of trees that reached out 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 accomplishment."

"Were you successful on the start?" "No, indeed. Up to that time all artificial 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 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."

"I know it, but we exercise the greatest care in the start, and guard the littlings 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 hybrids."

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

"I have experimented for years in 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 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 habits of the brook trout, lives in both streams and lakes, develops vermilion 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 possibilities of development in the fish world are great and we are rapidly ascertaining what they are."

As the man of news watched the countenance of Mr. Green while he was giving the above account, he could not but feel that he was in the presence of one of the few investigators who, from a rich and life-long experience, bring great benefit to the world. Let the reader imagine a strong and stalwart frame, surmounted by a head strongly resembling that of Socrates, and covered with a white silky beard and luxuriant gray hair. Seth Green, the father of fish culture, is a picture of health, and the reporter could not help remarking so.

"If 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."

"And so it was until last 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 malaria in its severest form, and when I came home I realized for the first time in my life, that I was sick. My symptoms were terrible. I had dull, aching pains in my head, limbs and around my back. My appetite was wholly gone, and I felt a lack of energy such as I had often 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 remained 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 completely?" "My brother, who had been afflicted by a severe kidney trouble and threatened with Bright's disease, was completely 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 today and through the instrumentality of Warner's Safe Cure, which I believe to be one of the most valuable of medicines. Indeed, I see it is endorsed by the United States medical college of New York, and that Dr. Gunn, dean of that institution, has written a long article concerning its value."

"And are you now as well as formerly?" "Apparently so. I keep the remedy on hand all the while though, and do not hesitate to recommend it to others."

"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 McCloud 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 one pond of Carp. Then we have what we call the centennial pond or 'happy family,' consisting of crosses of different fish, including Kennebec salmon, Land Locked salmon, California salmon, brook trout, salmon trout and hybrids. 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 empty, which is speaking pretty well for a community of many millions. Indeed the whole secret of fish culture can be summed up in four things. Impregnation,—using no water. Plenty of food. Plenty of pure water and cleanliness."

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 produces so many men whose genius brings value to the world, and it is proof positive 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 recommended by one so reputable and reliable as Seth Green.

Mr. Bancroft's Library.

George Bancroft's Washington library is one of the finest private collections in the United States; every book of it is valuable, and it contains works in all of the modern languages. There are over 12,000 volumes, and these are closely packed in the four large rooms which comprise the literary workshop of their owner. No display is made in the way of expensive cases for the books. They are kept in common shelves running along the wall without covering of either glass or curtain. Bancroft knows his library perfectly, and could find any of his books in the dark. His chief work-room faces the street, and is very large and well lighted. In its center stands a large table covered with books and manuscripts. On one side of this sits the great historian daily during his stay in Washington; opposite him a young secretary, and often in addition another, all writing and working together.

THE MARKETS.

OMAHA.

WHEAT—No. 2, 76 1/2 c.
BARLEY—No. 2, 47 1/2 c.
RYE—No. 3, 36 c.
CORN—No. 2, 35 1/2 c.
LARD—In boxes, per lb. 10 1/2 c.
FLOUR—Wheat Graham, \$2 50/23 00.
CHOP FEED—Per cwt. 90 c.
SHORTS—Per ton, \$14 00/215 00.
ORANGES—Per box, \$10 00.
LEMONS—Per box, \$6 00/26 50.
APPLES—Per barrel \$3 25/23 50.
BUTTER—Creamery, 27/29 c.
BUTTER—Choice country, 19/21 c.
EGGS—Fresh, 20 c.
HAMS—Per lb. 14 1/2 c.
SHOULDERS—Per lb. 8 c.
PORK—Per hb. \$17 00.
LARD—In boxes, per lb. 10 1/2 c.
SHEEP—\$3 00/23 50.
CATTLE—\$3 00/24 00.
HOGS—\$4 00/24 25.
CALVES—\$5 00/26 00.

CHICAGO.

WHEAT—Per bushel, 96/95 1/2 c.
CORN—Per bushel, 47 1/2 c.
OATS—Per bushel, 27 1/2 c.
PORK—\$10 50/10 60.
LARD—\$7 50.
HOGS—Mixed, \$4 80/25 15.
CATTLE—Exports, \$3 00/26 50.
SHEEP—Medium to good, \$3 25/23 75.

ST. LOUIS.

WHEAT—Per bushel, \$1 01 1/2/1 02 1/2 c.
CORN—Per bushel, 46/46 1/2 c.
OATS—Per bushel, 25 1/2/26 c.
CATTLE—Exports, \$3 75/26 15.
SHEEP—\$2 50/24 00.
HOGS—Mixed, \$4 90/25 00.

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HAY FEVER. My brother Myron and myself were both cured of Catarrh and Hay Fever last July and August by Ely's Cream Balm. Up to Dec. 28, these troubles have not returned.—GABRIEL FERRIS, Spencer, N. Y.

HAY FEVER. I was afflicted for twenty years with Hay-Fever. I used Ely's Cream Balm with favorable results, and can recommend it to all.—ROBERT W. TOWNLEY, (ex-Mayor) Elizabeth, N. J.

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