carp," or why I should recommend this fish. Still less would I be inclined to do this if we are to understand by that name the gold bastard carp, or chub (?) Caracino dorso crassior, which, as I read, is found in ponds and rivers in Upper Saxony.

There are still more races of deteriorated carp:

Cyprinus elatus (French; "carpe bossue"), principally found in Italy. C. regina (French; "carpe reine").

C. hungaricus (French; "carpe de Hongrie").

C. acuminatus.

None of these will be of any interest to pisciculturists.

I therefore say most emphatically: "Let people cease to seek after colored carp!" They are on the wrong road, and we ought not to be led astray in this respect by the evidently not well-informed Americans.*

We are therefore not able to give a history of the colored carp, especially as the history of the European carp is still shrouded in darkness. We know that its original home is Asia Minor and Persia, and that it was known to the Greeks and Romans, but it is impossible to say when it was first introduced into South and Central Germany and into France, and whether it was the Romans who, when entering those countries as conquerors, introduced it.

There is documentary evidence that it was cultivated in France as a pond fish as early as 1258, and about the same time in Germany. It was introduced into England in 1514, and into Denmark in 1660.

Possibly I may be fortunate enough to give you some further information relative to the carp in some future letter; at any rate, I shall be on the lookout for further information.

My best thanks for the second batch of *Salmo fontinalis*, which are flourishing. I intend to express my thanks in a more formal manner at some future time.

Respectfully, yours,

F. ZENTZ.

THE PECULIABITIES OF BLUE CARP.

BY HERR ECKARDT.

[Translation.]

The *blue carp* is distinguished from the other varieties of carp by its more compact build, its size, its blueish glittering color, when *in* the water, and its darker color when *out of* the water, its quiet temperament, and its greater capacity for taking and assimilating food. It does not become fit to spawn till its fifth year, and at that time weighs 7 to 12 pounds. Its home is South Germany, especially the neighborhood of Würzburg and Altenburg. It has been raised from Bohemian carp. I

^{*} Note in some other handwriting: The reverse is the case!! We (without evil intention) led the Americans astray!!!

390 BULLETIN OF THE UNITED SPATES FISH COMMISSION.

do not know anything more about it, except that it is highly prized by the Würzburg people. In spite of all the inquiries I have made, I have not been able to reach any certain result as to the gold-carp. I cannot get any from France, owing to the scarcity of spawn. I do not know whether there is anything mysterious about this fish, but, at any rate, I cannot learn any data concerning it. From Lohmann-Witten I have received what pretended to be "carpes d'or," but I do not know what fish these are which have been honored with this name; I believe they are common scale carp. I shall shortly reopen my correspondence with France, and perhaps I shall succeed. There are also blue carp of the leather, mirror, and scale varieties.

ECKARDT.

PLAN OF THE INTERNATIONAL FISHERIES EXHIBITION TO BE HELD AT EDINBURGH, SCOTLAND, AND A LIST OF PRIZES TO BE AWARDED.

BY J. A. LEONARD.

DEPARTMENT OF STATE, Washington, March 7, 1882.

SIR: I have the honor to transmit herewith, for your information and consideration, a copy of a despatch from the consul of the United States at Leith, Scotland, in reference to the International Fisheries Exhibition, which is to be held at Edinburgh, Scotland, beginning on the 12th of April, 1882.

I am, sir, your obedient servant,

FREDK. T. FRELINGHUYSEN.

SPENCER F. BAIRD, Esq.,

Commissioner of Fish and Fisheries.

[Enclosure. Mr. Leonard to Mr. Davis, No. 21, dated January 26, 1882.]

PLAN OF THE INTERNATIONAL FISHERIES EXHIBITION TO BE HELD AT EDINBURGH, SCOTLAND, AND A LIST OF PRIZES TO BE AWARDED.

No. 21.]

CONSULATE OF THE UNITED STATES, Leith, Scotland, January 26, 1882.

SIR: I have the honor to submit herewith to your Department a report which I have compiled regarding the arrangements made for the International Fisheries Exhibition to be held in Edinburgh, Scotland, during April, 1882, such report including a statement of the objects of the exhibition, and lists of the prizes offered for exhibits and essays, and I trust that it will be found acceptable.

Dispatch No. 191, of date 15th July, 1881, from this Consulate to the Department of State, contained a notification that the exhibition above referred to would be held in Edinburgh, in the month of April, 1882;