

needed in his establishment), but also to obtain as large and strong fish as possible, not much is gained for the growing fish by small spawning ponds; for, unless one desires to obtain nothing but miserably small fish, as was the case in the two ponds referred to above, the young fry have to be taken out of the small ponds two to three weeks after they have been hatched and transferred to larger ponds, in which case one can count on only 1,500 fish per hectare. For in spite of the largest possible number of small fish in spring, there would be few, if any, young fish in autumn; for the smaller the fish the tenderer they are, especially with regard to cold winter weather.

It will therefore always remain impossible to obtain annually, in very small ponds, young carp which are strong and healthy in any very considerable numbers.

#### 71.—PRICES OF CARP, TENCH, AND GOLDORFE IN GERMANY.

By F. ZENK.

The proprietor of the Seewiese Fishery, Mr. F. Zenk, of Wurzburg, Germany, has forwarded his price-list to the United States Fish Commission, several items of which, when translated into American money, are as follows :

Mirror carp per hundred .....	\$4 84
Leather carp per hundred .....	7 26
Crucian carp per hundred .....	2 42
Golden carp per hundred .....	9 68
Tench per hundred .....	2 90
Golden tench per hundred .....	9 68
Goldorfe (Golden ide) per hundred .....	12 10

#### 72.—VARIETIES OF CARP IN SAXONY.

By DR. OSCAR HUNGER.

My father, in Saxony, raised both the scale and naked carp. At least I suppose that what you call naked carp is the same which is there called *schleie*. The latter is an inferior fish, the flesh being too soft and slimy. It grows slower and to a less size than the commoner scale carp, *karpfen*. Besides the common blue-scale carp and the naked carp, *schleie*, there is a third kind of carp, which is not cultivated, but infests ponds in Saxony. It is a degenerate kind of carp, *karausche*, or wild carp. It is quite worthless, not growing over one foot in length, full of bones, ugly in appearance, and hardly fit to be eaten at all. That was 40 years ago, before I left Germany. Perhaps they have since exterminated it.

MADISON, IND., October 11, 1883.