

## 66.—MANAGEMENT OF SPAWNING CARP.

By HERR VON BEHR.

[From a letter to Prof. S. F. Baird.]

I have just been reading the letter of Edward Stabler in the 1883 Bulletin, page 127. *Please tell it as loud as you can that carp must be kept by themselves if you want them to spawn.* Mr. Stabler tells that he intends to clear out turtles, eels, snakes, &c., and well he may! But turtles will march over the ground again, and again fall into his lake; not to speak of the little eels that surprised him before and which may peep in again. Let, if you like, the spawning-bed of the carp be not more than a few meters square, but let it be free from all depredators. Also put into the water branches of trees, evergreens, or willows, whichever you like. The carp will go among these, and there will be an opportunity to attach the eggs to the branches. With a system of such little tanks you may just as well furnish your streams 500,000,000 of carp as furnish your sea-shore with 500,000,000 of cod, and I dare say the gain will not be less. You remember that, from time to time, very large and delicate carp are caught in our large rivers. We are nearly sure they were not hatched there, but escaped in one way or another from breeding-ponds.

SCHMOLDOW, GERMANY, *October 8, 1883.*

## 67.—WHAT FROGS SOMETIMES EAT.

By R. H. DOWNMAN.

[From a letter to Charles W. Smiley.]

Mr. C. M. White informed me this morning that one of the bull-frogs shot by him at his pond had in his capacious maw a good-sized frog which he had swallowed *sine grano salis*, and he thinks that frogs destroy many young fish. If they feed upon each other, as I know they do, I see no reason why they should not feed upon fish.

WARRENTON, VA., *October 13, 1883.*

## 68.—SHAD, HERRING, ETC., EXCLUDED FROM THE RAPPAHANNOCK RIVER BY DAMS.

By R. H. DOWNMAN.

[From a letter to Charles W. Smiley.]

Fifty years ago, before the Rappahannock River was obstructed by the erection of mill-dams, shad were taken in large quantities at Beverly's Ford, and white perch and herring as high up as the Fauquier Springs.

WARRENTON, VA., *October 13, 1883.*