

his seining experiments on Forbes' Brook, Prince Edward Island, for the past summer.

During the first week of July four thousand trout fry were distributed along a length of about one quarter of a mile of this stream. It was seined three months later with the following results:

Trout, yearlings and older.....	319
Fundulus	82
Atlantic salmon parr	33
Stickleback	16,152
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Total	16,586
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Surviving trout fry	1,064

To test the efficacy of the seining twenty-five marked fingerlings were dropped into the brook at a point which was considered a fair average as regards difficulties of seining. In three quarters of an hour twenty-four of them had been removed by the seine, which represents an error of 4 per cent. for this method of recovering fry.

The superintendent of fish culture for the Dominion of Canada assures us that Forbes' Brook is a typical trout stream. The approximate loss of trout fry in Prince Edward Island streams will average therefore about 73 per cent. for three months.

QUERIES

- (1) Are we feeding trout fry to older trout and to inferior fish? What rôle is played by the 16,152 stickleback?
- (2) Are the fry being starved to death through shortage of natural food for 16,586 fish, apart from the food required for the 4,000 fry?
- (3) How many of the surviving 1,064 fry (if any) will be alive when they shall have become four years old?
- (4) Should we continue to distribute trout fry irrespective of the presence in streams of many enemy and competitor fish?

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KINGSTON, ONTARIO
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WORK ON SPHENODON

IN the issue of SCIENCE for December 25, 1925, there appeared under the heading of "Science News" an item concerning work in the University of Chicago on *Sphenodon*. It seems desirable in this connection to make the following statement: In 1922 an expedition from this university visited New Zealand and brought back four living specimens of *Sphenodon* as well as one preserved in fluid, and on the basis of this material and the literature procurable we

have undertaken a monographic account of this interesting reptile. Papers have already been prepared on the muscular system, digestive system and habits in captivity. Work on the nervous system, particularly the brain, has been going on for six or eight months under the supervision of Dr. Gilbert L. Houser of this university. Other papers will deal with the urogenital system, the blood supply, the skeleton, etc. While of course no one can claim any monopoly in scientific investigation this statement will show that the work on *Sphenodon* has already been going on for several years at the University of Iowa.

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THE FOURTH EDITION OF THE BIOGRAPHICAL DIRECTORY OF THE AMERICAN MEN OF SCIENCE

A FOURTH edition of the *Biographical Directory of American Men of Science* will be published as soon as the compilation can be made and about five years after the publication of the third edition, which was issued in 1921. The work is intended to be a contribution to the organization of science in America, and the editor will greatly appreciate the assistance of scientific men in making its contents accurate and complete. Those whose biographies appear in the third edition have received or will later receive copies of the sketches for correction which should be promptly returned. The editor will be under obligations to scientific men who will send sketches of those who should be included, or let us have their names and addresses. All those engaged in scientific work whose biographies are not included in the third edition are requested to send the information needed. For this purpose the blank that is given on an advertising page (xiii) of the current issue of SCIENCE may be used.

It is intended that each entry shall contain information as follows:

1. The full name with title and mail address, the part of the name ordinarily omitted in correspondence being in parentheses.
2. The department of investigation given in italics.
3. The place and date of birth, including month and day.
4. Education and degrees, including honorary degrees, with dates.
5. Positions or professional occupation with dates, the present position being given in italics.
6. Temporary and minor positions; scientific awards and honors; expectations, etc.
7. Membership in scientific societies with offices and dates at which they were held.
8. Chief subjects in which research has been published or is now in progress.