

The largest amount of starch ever found in any sample was 7 granules per c.c., in a stagnant rusty sample, obtained from a street hydrant.

The presence of the starch in the Ottawa water and its absence from the St. Lawrence, was a matter which completely puzzled me. Examination of the starch granules of the sweet

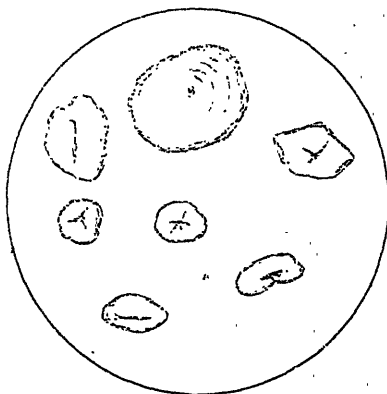


Fig. 2—Starch grains from water.

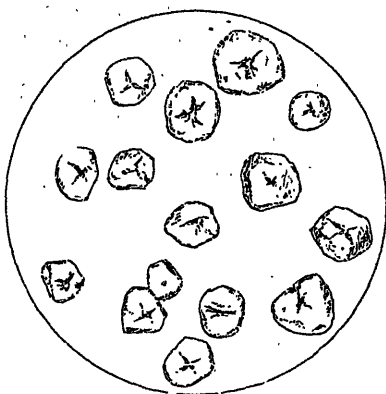


Fig. 3—Starch from white pine bark.

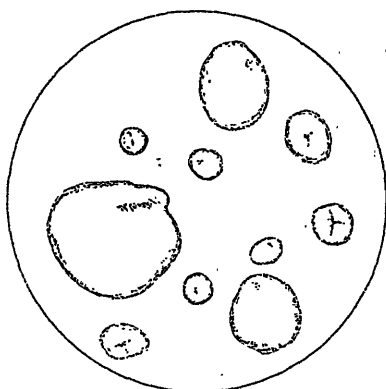


Fig. 4—Starch from white pine bark after soaking in water.

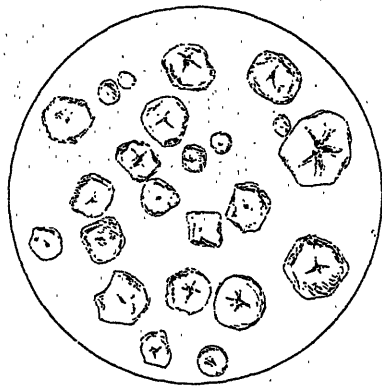


Fig. 5—Corn starch.

flag root and wild rice, showed that these grains were altogether too small to be thought of as a possible source.

At this point, Prof. G. P. Girdwood, of McGill University, suggested to me the possibility that as starch is present in the