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WINNEBAGO AND GREEN LAKE**

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**C. DWIGHT MARCH**

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WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY.

E. A. BIRGE, Ph.D. Sc.D., Director.

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BULLETIN NO. XII.

SCIENTIFIC SERIES NO. 3.

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# THE PLANKTON

OF

## Lake Winnebago and Green Lake

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BY

C. DWIGHT MARSH

*Professor of Biology in Ripon College.*

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# THE PLANKTON OF LAKE WINNEBAGO AND GREEN LAKE.

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## CHAPTER I.

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### OUTLINE OF STUDY.

The attempt in this investigation has been to make a comparative study of the plankton of two lakes of different types, with a collateral study of such other lakes as could be easily reached.

It was thought that if, after a somewhat careful preliminary study, the plankton of the two lakes could be kept under observation for a considerable period of time, many facts in regard to the annual and geographical distribution of the animals and plants could be secured, and perhaps some generalizations could be reached in regard to the principles controlling such distribution.

#### LAKE WINNEBAGO AND GREEN LAKE.

Lake Winnebago was chosen for the type of the shallow lake mainly because of its importance from the standpoint of the production of fish. It is known to be an enormously productive body of water, and the fishing industry has employed a great many men in Oshkosh. Netting has been forbidden by legislative enactment for several years, and, in spite of many infractions of the law, it is generally acknowledged among all but interested parties, that the number of fish has greatly increased in