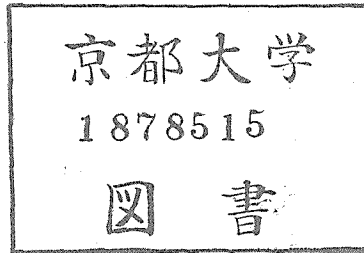


MEMOIRS
OF
THE FACULTY OF SCIENCE
KYOTO UNIVERSITY

SERIES OF BIOLOGY

Formerly
Memoirs of the College of Science
University of Kyoto
Series B (Biology)



New
Series **VOL. I,**

KYOTO

PUBLISHED BY
KYOTO UNIVERSITY

DATES OF ISSUE

VOL. I, No. 1—October, 1967

VOL. I, No. 2—March, 1968

CONTENTS OF VOL. 1

No. 1

| | Page |
|---|------|
| Concurrent Microscopical, Cytochemical and Electron Microscopical Study on the Cell Polarity of <i>Equisetum</i> Spore Mother Cells in Syndetic Stage By Tosisuke HIRAOKA | 1 |
| Induction of Respiratory Deficiency in Yeast by Ultraviolet Irradiation By Akira UCHIDA | 8 |
| Effect of Uracil Derivatives on Respiratory Deficiency Induction in Yeast By Akira UCHIDA | 22 |
| First Report of the Regular Limnological Survey of Lake Biwa (Oct. 1965- Dec. 1966) I. General Remark By Syuiti MORI, Kokichi YAMAMOTO, Ken-ichiro NEGORO, Shoji HORIE, and Norio SUZUKI | 36 |
| First Report of the Regular Limnological Survey of Lake Biwa (Oct. 1965- Dec. 1966) II. Plankton in General and Phytoplankton By Ken-ichiro NEGORO | 41 |
| First Report of the Regular Limnological Survey of Lake Biwa (Oct. 1965- Dec. 1966) III. Zooplankton By Kokichi YAMAMOTO | 62 |
| First Report of the Regular Limnological Survey of Lake Biwa (Oct. 1965- Dec. 1966) IV. Beothos By Norio SUZUKI and Syuiti MORI | 78 |
| First Report of the Regular Limnological Survey of Lake Biwa (Oct. 1965- Dec. 1966) V. Abiotic Environment By Shoji HORIE | 95 |

No. 2

| | |
|---|-----|
| An Analytical Study of Diatom Shells in the Bottom Deposits of Lake Yogo-ko By Ken-ichiro NEGORO | 121 |
| Diatoms from Some Inlandwaters of the Antarctica By Ken-ichiro NEGORO | 125 |
| Synthesis of Lysozyme in T2-infected <i>Escherichia coli</i> By Teiichi MINAGAWA and Toshio OKAMOTO | 139 |
| Solubilization and Some Characterization of Chicken Kidney Microsomal Antigens By Akinao G. SATO | 150 |
| <i>In vitro</i> Formation of Multinucleated Fibers from the Dissociated Somite Cells of Chicken Embryos By Kazuo WATANABE | 167 |

AUTHOR INDEX TO VOL. I

| | | No. | Page |
|---|---|-----|------|
| HIRAOKA, T. Concurrent Microscopical, Cytochemical and Electron Microscopical Study on the Cell Polarity of <i>Equisetum</i> Spore Mother Cells in Syndetic Stage | 1 | | 1 |
| HORIE, S. First Report of the Regular Limnological Survey of Lake Biwa (Oct.1965—Dec.1966) V. Abiotic Environment | 1 | | 95 |
| MINAGAWA T. and T. OKAMOTO Synthesis in T2-infected <i>Escherichia coli</i> | 2 | | 139 |
| MORI, S., K. YAMAMOTO, K. NEGORO, S. HORIE, and N. SUZUKI First Report of the Regular Limnological Survey of Lake Biwa (Oct.1965—Dec.1966) I. General Remark | 1 | | 36 |
| NEGORO, K. First Report of the Regular Limnological Survey of Lake Biwa (Oct.1965—Dec.1966) II. Plankton in General and Phytoplankton | 1 | | 41 |
| NEGORO, K. An Analytical Study of Diatom Shells in the Bottom Deposits of Lake Yogo-ko | 2 | | 121 |
| NEGORO, K. Diatoms from Some Inlandwaters of the Antarctica..... | 2 | | 125 |
| SATO, A. G. Solubilization and Some Characterization of Chicken Kidney Microsomal Antigens | 2 | | 150 |
| SUZUKI, N. and S. MORI, First Report of the Regular Limnological Survey of Lake Biwa (Oct.1965—Dec.1966) IV. Beothos | 1 | | 78 |
| UCHIDA, A. Induction of Respiratory Deficiency in Yeast by Ultraviolet Irradiation..... | 1 | | 8 |
| UCHIDA, A. Effect of Uracil Derivatives on Respiratory Deficiency Induction in Yeast..... | 1 | | 22 |
| WATANABE, K. <i>In vitro</i> Formation of Multinucleated Fibers from the Dissociated Somite Cells of Chicken Embryos | 2 | | 167 |
| YAMAMOTO, K. First Report of the Regular Limnological Survey of Lake Biwa (Oct.1965—Dec.1966) III. Zooplankton | 1 | | 62 |