

MEMOIRS  
OF THE  
COLLEGE OF SCIENCE

UNIVERSITY OF KYOTO

SERIES B



VOL. XXX, NO. 1

(BIOLOGY)

August 1963

---

KYOTO

昭和38年8月26日 印刷

昭和38年8月31日 発行

編輯兼発行者

京 都 大 学 理 学 部

印 刷 所 中 西 印 刷 株 式 会 社

京都市上京区下立売通小川東入

印 刷 者 中 西 勝 太 郎

## CONTENTS

---

<b>Genic Relation between Brown Coloration and Copper Resistance in <i>Saccharomyces cerevisiae</i></b> By Takeshi SENO .....	1
<b>Copper Permeability of Yeast Cells in Relation to Copper Resistance</b> By Takeshi SENO .....	9
<b>Studies on the Differentiating Potencies of the Dorsal Part of the Blastoporal Lip in <i>Triturus</i>-Gastrula</b> III. Quantity of Material in the Notochordal Differentiation By Ken-ichi KATO .....	21
<b>Neuro-notochordal Relationship in the Development of the Explanted Pieces taken from the Dosal Lip of <i>Triturus</i>-Gastrulae</b> By Ken-ichi KATO .....	29
<b>Effects of Dithiocarbamate on the Respiration of Sea-Urchin Spermatozoa in Relation to Copper and Zinc</b> By Shigeru MURAMATSU .....	41