



COLLEGE OF SCIENCE

UNIVERSITY OF KYOTO

SERIES B

VOL. XXV, NO. 1

(BIOLOGY)

October 1958

KYOTO

昭和33年10月10日 印刷

昭和33年10月15日 発行

編輯兼発行者

京 都 大 学 理 学 部

印 刷 者 日本印刷出版株式会社
大阪市福島区亀甲町2丁目62

印 刷 者 小 林 積 造
大阪市福島区亀甲町2丁目62

CONTENT

Studies on the Differentiating Potencies of the Dorsal Part of the Blastoporal Lip in <i>Triturus</i>-Gastrula	
I. Differentiation of Mesodermal Tissues in Relation to the Neural Tissue	
By Ken-ichi KATO	1
Further Study on the Physiological Rôle of Brain in the Imaginal Differentiation of Swallowtail, <i>Papilio xuthus</i>	
By Mamori ICHIKAWA and Hironori ISHIZAKI	11
Experimental Studies on the Developmental Mechanism of Bar Eye in <i>Drosophila melanogaster</i>	
IV. Facet-increasing Effect of Amino Acids and Peptides	
By Sanaé KAJI	17
Rhythmic Activity of the Seaside Barnacle, <i>Tetrachita squamosa japonica</i> PILSBRY	
By Syuiti MORI	23
Studies on the Host Selection by Three Species of <i>Anicetus</i> Wasps (Encyrtidae) parasitic on <i>Ceroplastes</i> Scales (Coccidae)	
By Ryoh-ichi OHGUSHI	31
The Cave Beetles from Akiyoshi-dai Karst and its Vicinities	
I. A New Species of the Genus <i>Trechiana</i>	
By Shun-Ichi UÉNO	39
The Cave Beetles from Akiyoshi-dai Karst and its Vicinities	
II. <i>Uozumitrechus</i>, a New Group of the Genus <i>Rakantrechus</i>	
By Shun-Ichi UÉNO	49
Histochemical Studies of Wound Periderm Formation	
IV. Changes in Activity of Phenol Oxidases	
By Sango BABA	63