

MEMOIRS
OF THE
COLLEGE OF SCIENCE

UNIVERSITY OF KYOTO

SERIES B

VOL. XXIII

December 1956

KYOTO

PUBLISHED BY

THE UNIVERSITY OF KYOTO

CONTENTS

No. 1

(December, 1956)

	Page
Art. 1. Ken-ichi KATO and Tokindo S. OKADA, — A Mutual Relationship between the Explanted Piece of Dorsal Blastoporal Lip and the Enveloping Ectoderm in <i>Triturus</i> -Gastrula.	1
Art. 2. Hironori ISHIZAKI and Masaru KATO, — Environmental Factors Affecting the Formation of Orange Pupa in <i>Papilio xuthus</i>	11
Art. 3. Mamori ICHIKAWA, Junko NISHITSUTSUJI-UWO and Kanji YASHIKA, — Studies on the Insect Metamorphosis VI. Effect of Low Temperature on the Morphogenesis of <i>Luehdorfia</i> -Pupae.	19
Art. 4. Eiko W. OKADA and Mamori ICHIKAWA, — Isolationsversuche zur Analyse der Knorpelbildung aus Neuralleistenzellen bei Anurenkeim.	27
Art. 5. Nobushigé IKUSHIMA, — On the Spreading of the Presumptive Epidermis of Amphibian Embryo in Culture Medium.	37
Art. 6. Toshio SHIOMI, — Studies on Lethal Factors in <i>Drosophila</i> 1. The Time of Action of Some Sex-Linked Recessive Lethals Induced by Ultrasonics.	47
Art. 7. Ryoh-ichi OHGUSHI, — Studies on the Host Selection by <i>Anicetus Benficus</i> (Encyrtidae, Hymenoptera), a parasite of <i>Ceroplastes rubens</i> (Coccidae, Hemiptera). ...	55
Art. 8. Shun-ichi UÉNO, — New halophilous Trechids of Japan (Coleoptera, Harpalidae).	61
Art. 9. Shun-ichi UÉNO, — New Cave-dwelling Trechids of <i>Kurasawatrechus</i> -Group (Coleoptera, Harpalidae).	69
Art. 10. Sango BABA, — Histochemical Studies of Wound Periderm Formation. III. Changes in Total Acidity, Hydrogen-ion Concentration and Oxidation-Reduction Potential.	79

Art. 11.	Katsumi UEDA, — Structure of Plant Cells with Special Reference to Lower Plants. II. Feulgen's Nucleal Staining in Some Algae.	87
Art. 12.	Masahiro Ruè ISHIDA, — A Cytochemical Study of Nucleic Acids in Plant Cells. II. Effects of Proteins on the Dische reaction.	93
Art. 13.	Namio SHINKE and Katsumi UEDA, — A Cytomorphological and Cytochemical Study of Cyanophyta I. An Electron Microscope Study of <i>Oscillatoria princeps</i>	101
Art. 14.	Siro KITAMURA, — <i>Compositae</i> Japonicae. Pars Quinta.	105

No. 2

(December, 1956)

Art. 1.	Jiro MAKIYAMA, — Cyclic Nepton Group of Kinki Area, Japan.	169
Art. 2.	Junji ITOIGAWA, — Molluscan Fauna of the Tsuzuki Group in Kyoto Prefecture, Japan.	179
Art. 3.	Akira MORISHITA, — On Some Fossil Echinoids from Kyushu, Japan.	193
Art. 4.	Yasuo UKAI, Shin'ichi NISHIMURA and Takashi MAYEDA, — Mineralogical Study on Manganese Dioxide Mineral.	203
Art. 5.	Masahisa TATEKAWA, — Studies on Granitic Pegmatites. Quantitative Spectrographic Determination of Magnesium and Iron in Biotites and other Minerals by the means of the Logarithmic Sector.	223
Art. 6.	Keiji NAKAZAWA, — A Study on the Pelecypod-Fauna of the Upper Triassic Nabae Group in the Northern Part of Kyoto Prefecture, Japan. Part 4. Cardinioides, Homomya, Pleuromya and others, Supplement and Brief Summary.	231
Art. 7.	Ichikazu HAYASE, — The Radioactivity of Rocks and Minerals Studied with Nuclear Emulsion IV. Thorium Uranium Ratio Measurement of the minute Radioactive Minerals by the Photographic Method.	255

Art. 8.	Naoti KUMAGAI and Takao HANAOKA, — A Note on Reflecting Power of Rocks.	275
Art. 9.	Zin'ichiro HATSUDA and Susumu NISHIMURA, — Variation in Radioactivity across Igneous Contacts.	285
Art. 10.	Tateo UEDA, — On the Biaxialization of Zircon.	397
Art. 11.	Hidebumi ITO, — Temperature of Granite Magma of Kitashirakawa-Granite, Kyoto, Japan, as Estimated from a Heat Conduction Theory of Formation of Woolastonite.	305