

北平近代科學圖書館書目第十

CATALOGUE OF SCIENTIFIC
ESSAYS

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1937

FOREWORD

This catalogue contains the list of scientific essays published in the journals and reports contributed by many universities and institutions in China and Japan. These are not the whole of the publications donated to us, however: neither their contents are classified in their proper order, nor is any index attached thereto as it is indispensable to this sort of a catalogue.

But such a work requires much time. On the other hand, it is extremely necessary, we think, to compile and print the list of the essays and treatises as soon as possible because our Library has, among its several objects, the task of establishing relations between academic circles in China and Japan. This is the reason why it is printed in spite of our knowledge of its incompleteness.

We avail ourselves of the opportunity to express our heartfelt gratitude for your kind contributions of books, magazines and other publications in the past, and solicit for your further assistance and support.

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April, 1937.

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Ueber die Differentialgeometrie von Kegelschnitten im dreidimensionalen projektiven Raume. von Akitsugu Kawaguchi.

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Ueber die lineare Integralgleichung, welche durch zwei lineare Differentialgleichungen M-ter Ordnung konstruiert werden kann. von Yoshio Ikeda.

Ueber projektive Differentialgeometrie VI. Die Flächentheorie im R_3 und ihre Beziehung mit derselben von Fubini. von Akitsugu Kawaguchi.

Ueber projektive Differentialgeometrie zweidimensionaler Mannigfaltigkeiten im vierdimensionalen Raume. (Zweite Mitteilung) von Akitsugu Kawaguchi. (Reprinted without change of paging from Japanese Journal of Mathematics, Vol. VII, p. 267-273, 1930).

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On the Univalency of Certain Power Series. by Kiyoshi Noshiro.

Sur les Familles de Fonctions à Une Variable Réelle. par Masuo Fukuhara.

Sur les Singularités des Fonctions Définies par des Équation Différentielles Ordinaires, II; Equations Linéaires. par Masuo Fukuhara. (Reprinted without changes of paging from Japanese Journal of Mathematics, Vol. VII, p. 143-157, 1931).

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Ueber nicht-holonyme Uebertragung in allgemeiner Mannigfaltigkeit T_n . von Tôyomon Hosokawa.

Sur les Points Singuliers des Equations Differentielles Linéaires; Domaine Réel. par Masuo Hukuhara.

On the Univalency of Certain Analytic Functions. by Kiyoshi Noshiro.

Ueber die Bivektorertragung. von Shisanji Hokari.

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On a Non Finsler Metric Space. By Hitoshi Hombu (From The Tôhoku Mathematical Journal, Vol. 37, p. 190-198, 1933).

Ueber die geodatisch Torsion in einer Riemannschen Mannigfaltigkeit. von Akitsugu Kawaguchi und Tôyomon Hosokawa. (From *ibid.*, p. 340-346).

A Problem of the Metrisation in Hausdorff's Topological Space, by Motokichi Kondô. (From *ibid.*, p. 383-391).

Axioms for Betweenness in the Foundations of Geometry. by Kinziro Kunugi. (From *ibid.*, p. 414-422).

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Ueber die Konstruktion algebraischer Zahlkörper unendlichen Grades. von Mikao Moriya.

On the Theory of Schlicht Functions. by Kiyoshi Noshiro.

Konforme Invarianten im Finslerschen Raume. von Hitoshi Hombu.

Connections in the Manifold Admitting Contact Transformations. Tôyomon Hosokawa.

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Postulates for the Separation of Point-pairs in the Foundation of Geometry. by Takeshi Inagaki.

Ueber die Uebertragungen, die der erweiterten Transformationsgruppe angehören. von Shrsanjû Hokari.

Zur Theorie der unitaren Geometrie. von Hitoshi Hombu.

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Die Differentialgeometrie in den verschiedenen Funktionalräumen 1. Vektorialen und Tensorialen. von Akitsugu Kawaguchi.

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Theorie der algebraischen Zahlkörper unendlichen Grades. von Mikao Moriya.

Sur les Théorèmes de Comparaison des Équations Différentielles Ordinaires. par Masuo Hukukara et Tokui Satô.

Sur l'Unicité de la Solution d'une Équation Différentielle Ordinaire. par Masuo Hukuhara.

Vol. 4, No. 1, Dec. 1935.

La Théorie des Ensembles Analytiques et les Espaces Abstraits. par Kinjiro Kunugui.

Ueber die Uebertragungen, die der erweiterten Transformationsgruppe angehören, II. von Shisanji Hokari.

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Galoissche Theorie der algebraischen Zahlkörper unendlichen Grades. von Mikao Moriya.

Berichtigung zu meiner Arbeit: Theorie der algebraischen Zahlkörper unendlichen Grades, in diesem Journal Bd. III, S. 107-190. von Mikao Moriya.

No. 3, Apr. 1936.

Sur les Notions de la Catégorie et de la Mesure dans la Théorie des Ensembles de Points. par Motokitu Kondô.

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Ueber einen Satz von Herbrand. von Mikao Moriya.

Theorie der Kugelgeometrischen Uebertragung in der Mannigfaltigkeit von Hyperflächenelementen von Hitoshi Hombu.

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Oscillographic Studies of Striated Electric Discharge. by Tadasu Itoh.

On some Relations between the Form of Lichtenberg's Figure and that of its Exciting Spark. by Ukutiro Nakaya.

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Further Studies on the Striated Electric Discharge Figure. By Tadasu Itoh.

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Some Experimental Studies on Itoh's Striated Electrical Discharge Figures.
Part I. II. by Katsuhiko Yoneta.

No. 4, Aug. 1932.

Diffraction of Falling Drop by Plane Net. Part 1. by Katsuhiko Yoneta.

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Physical Investigations on Snow. Part 1, Snow Crystals observed in 1933 at
Sapporo and some Relations with Meteorological Conditions. by Ukitirô
Nakaya and Tuneso Iizima.

No. 6, Dec. 1934.

Physical Investigations on Snow, Part II, Classification and Explanation of
Snow Crystals observed in the Winter of 1933-34 at Mt. Tokati and at
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On the Electrical Nature of Snow Particles. By Ukitirô Nakaya and Tôiti
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Simultaneous Observations of the Mass, Falling velocity and Form of Indi-
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On the Correspondence of Snow and Rime Crystals. by Ukitirô Nakaya.

On the Artificial Production of Frost Crystals, with Reference to the
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Notes on Irregular Snow Crystals and Snow Pellets. by U. Nakaya, Y. Sekido
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Ueber die Hysteresisschleife und die Magnetostriktion der Eisenkristalle. von
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Series III, Chemistry,

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Sex Differences from the Standpoint of Biochemistry, Part I. by Tetsutaro
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Ueber die Ausscheidungsform des Schwefels, von Hitosi Tominaga.

No. 2, Febr. 1933.

- Sex Differences from the Standpoint of Biochemistry, Part II. by Tetsutaro Tadokoro.
- Displacements of the Absorption Bands of Certain Rare Earth Salts. by Yasumitsu Uzumasa.
- On the Cystin and Cystein Contents of Human Hair. by Tetsutarô Tadokoro and Hanako Ugami.
- On the Physico-Chemical Differences between α -, β - and γ -Hemoglobins. by Tetsutarô Tadokoro, Makoto Abe and Katsuji Yoshimura.
- On the Physico-Chemical Differences between α -, β - and γ -Hemoglobins. (Second Report). by Tetsutaro Tadokoro, Makoto Abe and Katsuji Yoshimura.
- Observations on the Absorption Spectra of the Rare Earths. I. by Yasumitsu Uzumasa and Hisateu Okuno.
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- Ueber die Carotinoide von Cucurbita. I. Die Pigmente der Frucht von Cucurbita Maxima, Duch. by Harusada Sugimoto und Kiyoshi Ueno.
- On the Cystin Contents of Human Hair. II. by Tetsutarô Tadokoro and Hanako Ugami.

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- Sex Differences from the Standpoint of Biochemistry. Part III. by Tetsutaro Tadokoro.
- On the Differences between Some Chemical Properties of Common and Glutinous Rice Starch. (Third Report) by Tetsutaro Tadokoro.
- Das Reduktionsgleichgewicht zwischen Metalloxyd und Wasserstoff, I. Mitteilung. von Z. Shibata und I. Mori. (Sonderabdruck aus Zeitschrift für anorganische und allgemeine Chemie. Band 212, Heft 3, 1933 ss. 305-316).
- On the Alkaloids of white Hellebore. I. Isolation of Constituent Alkaloids. by Kôjiro Saito, Harusada Sugimoto and Michio Takaoka. (Reprint from the Bulletin of the Chemical Society of Japan. Vol. 9, No. 1, pp. 15-23.)

Series IV, Geology and Mineralogy

Vol. 1, No. 1, Sept. 1930.

On some Cretaceous Fossils from the Islands of Amakusa, Kyûshû, Japan.
by Takumi Nagao.

Petrological Study of the Crystalline Schist System of Shikoku, Japan. by
Jun Suzuki.

No. 2, Sept. 1931.

Translations

The Oil Shale Deposit of Fushun, Manchuria. by Kunio Uwatoka.

Two New Decapod-Species from the Upper Cretaceous Deposits of Hok-
kaido, Japan. by Takumi Nagao.

Anaptychus and Aptychus lately Acquired from the Upper Cretaceous of
Hokkaido, Japan. by Takumi Nagao.

Mesozoic Plants from Kita Otari. Prov. Shinano, Japan. by Saburô Ôishi.

Reprints

The Occurrence of Anaptychus-like Bodies in the Upper Cretaceous of Ja-
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New Discovery of Aptychus in Two Species of Ammonites from the Upper
Cretaceous of Japan by Takumi Nagao.

On Fraxinopsis Wieland and Yabeiella Ôishi, gen. nov. by Saburô Ôishi.

A New Type of Fossil Cupular (?) Organ from the Jidô Series of Korea. by
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Yabeiella sp. from the Japanese Triassic, by Saburô Ôishi.

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The Rhaetic Plants from the Nariwa District, Prov. Bitchû (Okayama Pre-
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Genesis of Oil by High Radial Axial Pressure. by Kunio Uwatoko.

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Aegirite-angite Glaucophanite Quartz Schist from the Province of Teshio,
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Beitrage zur Kenntnis der optischen und chemischen Eigenschaften des
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The Jurassic Plants from Shitaka (the Maizuru Coal-field), Prov. Tango (Kyôto Prefecture), Japan. by Saburô Ôishi.

Two Tertiary and One Cretaceous Crustacea from Hokkaido, Japan. by Takumi Nagao.

Some Cretaceous Mollusca from Japanese Saghalin and Hokkaido (Lamellibranchiata and Gastropoda). by Takumi Nagao.

Rhaetic Plants from Province Nagato (Yamaguchi Prefecture), Japan. by Saburô Ôishi.

The Contact Metamorphic Ore Deposits in the Environs of the Ofuku Mine, Province of Nagato, Japan. by Jun Suzuki.

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The Upper Cretaceous Oil bearing Sedimentary Rocks of Hokkaido, Japan. by Kunio Uwatoko and Ken-iti Ohtatsume.

A New Variety of *Toucasia carinata* (Matheron) from the Lower Cretaceous of Japan. by Takumi Nagao.

Ueber die optischen Daten des Danburits von Scopi, Schweiz. von Zyunpéi Harada.

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Cretaceous Mollusca from the Miyako District, Honshû, Japan. by Takumi Nagao.

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Ueber die Lichtbrechung des Scheelits von Japan. von Zyunpéi Harada.

"Todorokite," a New Manganese Mineral from the Todoroki Mine, Hokkaido, Japan. by Toyotumi Yoshimura.

Preliminary Note on Alkaline Rhyolites from Tokat, Hokkaido. by Tadahiro Nemoto.

Metamorphosed Calcareous Concretions in the Hornfels at the Southern Coast of Tokat Province, Hokkaido. by Jun Suzuki.

On Some Soda-pyroxene and-amphibole bearing Quartz Schists from Hokkaido. by Jun Suzuki.

Ueber einen neuen Pektolithfund in Japan. von Zyunpéi Harada.

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The Chemical Composition of the Granitic Rocks of Japan. by Jun Suzuki and Tadahiro Nemoto.

On the Brucite-Marble (Predazzite) from the Nantei Mine, Suian, Tyôsen (Korea). The Geology of the Suian Gold Mining District. (1st Report). by Takeo Watanabe.

Notes on Some Jurassic Plants from Chalai-nor, Prov. North Hsingan, Manchoukuo. by Shirô Toyama and Saburô Ôishi.

Notes on Some Fossil Plants from Jung-Ning, Prov. Pinchiang, Manchoukuo. by Saburô Ôishi.

A New Species of Zamites from the Nisi-Nakayama Bed, Yamaguti Prefecture. by Saburô Ôishi.

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Crystals of Native Tellurium from Japan. by Takeo Watanabe.

The Rhaetic Plants from Province Nagato. A Supplement. by Saburô Ôishi and Eitarô Takahasi.

On the Fossil Dipteridaceae. by Saburô Ôishi and Kazuo Yamasita.

Nipponosaurus sachalinensis; A New Genus and Species of Trachodont Dinosaur from Japanese Saghalien. by Takumi Nagao.

Series V, Botany

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Experimentelle Studien über die Blasen Zellbildung bei *Aspergillus oryzae*. von Tetsu Sakamura.

Notes on Some Japanese Algae, 1. by Yukio Yamada.

Studies on the Resorption of Urea by Root of Zea Mays-Seedlings in Sterile Culture. by Sennosuké Yamaguchi.

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Species Novae Caricum Japonicarum. auctore Shigeo Akiyama.

Notes on Some Japanese Algae II. by Yukio Yamada.

Genic Analysis in Avena. a Monograph. by Hajime Matsuura.

Die Resorption des Ammonium- und Nitratstickstoffs durch *Aspergillus oryzae*. von Tetsu Sakamura. (Reprinted without change of paging from Planta, Bd. II, ss. 765-814, 1930).

Embryological studies on Sargassum. by Shumpei Inoh (Reprinted without change of paging from Science Reports of the Tôhoku Imperial University, Fourth Series, Biology, Vol. V, No. 3, pp 423-438, 1930).

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Notes on Some Japanese Algae III. by Yukio Yamada.

Notes on Laurencia, with Special Reference to the Japanese Species. by Yukio Yamada. (Reprinted without Change of paging from University of California Publications in Botany Vol. 16, No. 7, pp. 185-310, plates 1-30, 20 figures in text. 1931)

Diagnoses Specierum Novarum Caricum Japonicarum. auctore Shigeo Akiyama (Reprinted without change of paging from The Botanical Magazine, Tokyo, Vol. 45, No. 538, pp 472-474. 1931)

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Beiträge zur Protoplasmaforschung an Spirogyra-Zellen. von Tetsu Sakamura.

Ueber die Bedeutung der H-Ionekonzentration und die wichtige Rolle einiger Schwermetallsalze bei der Kugelzellbildung der Aspergillen. von Tetsu Sakamura und Fuji Yoshimura.

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Spherical Cell Formation in Aspergillus oryzae with Special Reference to Heavy Metal Impurities in Culture Solution. by Fuji Yoshimura.

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Ammonio- und Nitratophilie bei *Aspergillus oryzae* im besonderen Zusammenhang mit Schwermetallen. von Tetsu Sakamura.

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A Cytological Study on *Phacellanthus tubiflorus* Sieb. et Zucc. I. by Hajime Matsuura.

A Karyological Investigation of *Mitrastemon Yamamotoi* Mak., with special Reference to the so called 'Diffuse Stage' in Meiosis. by Hajime Matsuura.

A Karyological Study on *Peziza subumbrina* Boud., with special Reference to a Heteromorphic Pair of Chromosomes. by Hajime Matsuura and Anbu Gondô.

On Karyotypes of *Fritillaria camschatcensis* (L.) Ker-Gawler. by Hajime Matsuura.

Chromosome Studies on *Trillium kamtschaticum* Pall. II. The Direction of Coiling of the Chromonema within the First Meiotic Chromosomes in the PMC. by Hajime Matsuura.

On the Secondary Association of Meiotic Chromosomes in *Tricyrtis latifolia* max. and *Dicentra spectabilis* Miq. by Hajime Matsuura.

Species Novae Caricum Japonicarum (II). auctore Shigeo Akiyama.

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On the Correlation between the Satellite of Chromosome and the Leaf Shape in Parideae from Hokkaido. by Isamu Stow.

Studies on the Relation between Urease in Soy-Bean Seedlings and the Nutrient Value of Urea as a Nitrogen Source. by Sennosuké Yamaguchi.

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- On the Sex Expression of *Coptio japonica* Makino. by Toshio Akemine.
 Embryological Studies on *Pelvetia Wrightii* Yendo and *Fucus evanescens* Ag.
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 Chromosome Studies on *Hosta* 1. The Chromosome Numbers in Various
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 Contributions to the Idiogram Study in Phanerogamous Plants I. by Hajime
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 Notes on the Breeding Habits of *Takydromus tachydromoides* Schlegel. by
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- The Residual Spermatogonia in the Adult Salamander, *Hynobius Lichenatus*
 Boul. and their Behavior during the Seasonal Cycle of the Germ Cells. by
 Sajirô Makino.
 The Truncus Arteriosus of American Frogs, *Rana Sphenoccephala*, *Palustris*,
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 by Miles L. Peelle.
 Further Studies on the Truncus arteriosus of *Rana*. by Miles L. Peelle.

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- Metamorphosis of *Hynobius* larvae Following Removal of Fourth Branchial
 and Arterial Arches. by Atsuhiko Ichikawa.
 A Study on the Breeding Habits of *Hyla arborea Japonica* Guenther. by
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 On a Species of *Trichomonas*, Parasitic on Pigeon Squabs. by Kan Oguma.

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- Additional Data to our Knowledge on the Dragonfly chromosome, with
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 (Neuroptera). by Kan Oguma and J. J. Asana.
 Some Ecological Observation on Water Mites. by Tohru Uchida.

- On the Perpetuation of the Third Aortic Arch in *Hynobius retardatus* following the Larval Systemic Arch Extirpation. by Atsuhiko Ichikawa.
 The Structure of the Truncus Arteriosus in Four Species of Japanese Anurans. by Miles L. Peelle.
 Urodelenarten aus Nordjapan mit besonderer Berücksichtigung der Morphologie des Schädels, von Tetsuo Inukai.

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- An Unequal Pair of Idiochromosomes in the Tree-cricket, *Oecanthus Longicauda* Mats. by Sajiro Makino.
 The Tintinninea from the Sea of Okhotsk and its Neighborhood. by Yoshine Hada.
 Description of a New Branchiobdellid, *Carcinodrilus Nipponicus* n. g. et n. sp. By Hideji Yamaguchi.

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- Occurrence in Japan of *Diadumene Lucial*, a Remarkable Actinian of Rapid Dispersal. by Tohru Uchida.
 Spiders from the Southern Kurile Islands 1. Araneida from Iturup. by M. L. Peelle and S. Saito.
 The Chromosome Number in Some Salamanders from Northern Japan. by Sajirô Makino.

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 Medusae from the Vicinity of Kamchatka. by Tohru Uchida.
 On the Morphology of a Stalked Medusa, *Thaumatoscaphus distinctus* Kishinouye. by Tohru Uchida and Kin-Ichirô Hanaoka.
 Testis Grafts in a Frog and their Relation to Sexuality. by Tohru Uchida.

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- Ueber die Hautatmung bei dem Salamander. von Gentarô Gotô.
 The Polychaete Genus, *Acrocirrus*, from Japanese Waters, by Shirô Okuda.
 Anatomy of Two Stalked Medusae with Remarks on the Distribution of the Stauromedusae in Japan. by Tohru Uchida and Kin-Ichirô Hanaoka.
 Revision of *Stylactis* and its Allied Genera, with Description of *Stylactella* (*Stylactis*) *yerii* n. sp. by Masao Iwasa.

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- A New Amphipod (*Parhvale Kurilensis*, n. sp.) from Urup. by Masao Iwasa.
- Female Heterogamety in the Trichopterous Insect, *Stenopsyche griseipennis* MacLachlan. by Sajiro Makino and Hisao Kichijo.
- A Brood-caring Actinian Subject to a Wide Range of Colour Variation. by Tohru Uchida.
- Two Species of Whale-lice (Amphipoda, Cyamidae) Parasitic on a Right-whale. by Masao Iwasa.

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- The Chromosomes of the Crayfish, *Cambaroides Japonicus* (de Haan). by Hidejirô Nuyama.
- The Chromosomes of Some Neuropterous Insects of the Family Chrysopidae. by Hisao Kichijo.
- Some Rheophilous Water-mites from Japan. by Tohru Uchida.

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- A Cytological Study on the Maturation and Fertilization of the Egg of *Hynobius retardatus* (An Urodelan Amphibian). by Sajirô Makino.
- Description of a New Polychaete *Thoracophelia yasudai* n. sp. by Shirô Okuda.
- Studies on Japanese Branchiobdellidae with Some Revisions on the Classification. by Hideji Yamaguchi.

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- Microscopical study on the purple gland of *Tethys punctata* Cuv. by Shirô Tarao.
- Some Tubicolous annelids from Hokkaidô. by Shirô Okuda.
- A semi-differentiated race of Urodelans with regard to its gonadic development. by Kin-ichirô Hanaoka.
- The role of the chromosomes in sex determination. by C. E. McClung.

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- Studies on the Morphology of Japanese Sea-Stars. I. Anatomy of *Henricia sanguinolenta* var. *Ohshimai* n. var. by Ryôji Hayashi.
- Die Rote Süßwasser-Hydra und ihre Intrazelluläre Karotinoidverdauung. von Masutarô Kuwabara.