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By

Tomoki KASE and Kazuo ASAMA

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November 24, 1985

Special Papers, Palaeontological Society of Japan

*Number 1 (Issued September 25, 1951) Bibliography of Japanese Palaeontology and Related Sciences, 1941-1950 ..... Compiled by Riuji ENDÔ

*Number 2 (Issued March 1, 1954) Matajirô YOKOYAMA's Pliocene and Later Faunas from the Kwanto Region ..... Revised by Isao TAKI and Katsura ÔYAMA

*Number 3 (Issued August 31, 1957) Matajiro YOKOYAMA's Tertiary Fossils from Various Localities in Japan. Part 1 ..... Revised by Jirô MAKIYAMA

*Number 4 (Issued June 30, 1958) Matajiro YOKOYAMA's Tertiary Fossils from Various Localities in Japan. Part 2 ..... Revised by Jirô MAKIYAMA

*Number 5 (Issued December 15, 1959) Matajiro YOKOYAMA's Tertiary Fossils from Various Localities in Japan. Part 3 ..... Revised by Jirô MAKIYAMA

*Number 6 (Issued July 25, 1960) Matajiro YOKOYAMA's Tertiary Fossils from Various Localities in Japan. Part 4 ..... Revised by Jirô MAKIYAMA

*Number 7 (Issued November 30, 1961) Japanese Permian Bryozoa ..... Sumio SAKAGAMI

*Number 8 (Issued September 20, 1962) Tertiary Marine Mollusca from the Joban Coal-Field, Japan ..... Yasuhiko KAMADA

Number 9 (Issued December 15, 1962) Bibliography of Japanese Palaeontology and Related Sciences, 1951-1960 ..... Compiled by Fuyuji TAKAI

*Number 10 (Issued February 20, 1965) Late Tertiary Floras from Northeastern Hokkaido, Japan ..... Toshimasa TANAI and Nobuo SUZUKI

Number 11 (Issued February 20, 1966) The Echinoid Fauna from Japan and Adjacent Regions Part I ..... Syôzô NISIYAMA

Number 12 (Issued September 20, 1966) Postcranial Skeletons of Japanese Desmostylia ..... Tokio SHIKAMA

Number 13 (Issued March 16, 1968) The Echinoid Fauna from Japan and Adjacent Regions Part II ..... Syôzô NISIYAMA

*Number 14 (Issued November 25, 1969) Litho- and Bio-Facies of Carbonate Sedimentary Rocks —A Symposium— ..... Edited by Tatsuro MATSUMOTO

Number 15 (Issued February 25, 1971) Early Devonian Brachiopods from the Lesser Khingan District of Northeast China ..... Takashi HAMADA

Number 16 (Issued December 25, 1971) Tertiary Molluscan Fauna from the Yakataga District and Adjacent Areas of Southern Alaska ..... Saburo KANNO

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Number 18 (Issued November 30, 1974) Silurian Trilobites of Japan in Comparison with Asian, Pacific and Other Faunas ..... Teiichi KOBAYASHI and Takashi HAMADA

Number 19 (Issued February 10, 1976) Bivalve Faunas of the Cretaceous Himenoura Group in Kyushu ..... Masayuki TASHIRO

Number 20 (Issued January 31, 1977) Devonian Trilobites of Japan, in Comparison with Asian, Pacific and Other Faunas ..... Teiichi KOBAYASHI and Takashi HAMADA

Number 21 (Issued May 10, 1977) Mid-Cretaceous Events—Hokkaido Symposium, 1976 ..... Organized by Tatsuro MATSUMOTO

Number 22 (Issued March 30, 1978) Bibliography of Palaeontology in Japan, 1961-1975 ..... Edited by Kametoshi KANMERA and Hiroshi UJIIE

Number 23 (Issued December 15, 1980) Carboniferous Trilobites of Japan, in Comparison with Asian, Pacific and Other Faunas ..... Teiichi KOBAYASHI and Takashi HAMADA

Number 24 (Issued December 15, 1981) Permian Conodont Biostratigraphy of Japan ..... Hisaharu IGO

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Special Publications, Palaeontological Society of Japan

*Twenty-Fifth Anniversary Volume (Issued February 15, 1961) Catalogue of Type-Specimens of Fossils in Japan ..... Compiled by Shoshiro HANZAWA, Kiyoshi ASANO and Fuyuji TAKAI

*Twenty-Fifth Anniversary Volume (Issued September 16, 1963) A Survey of the Fossils from Japan Illustrated in Classical Monographs (Primarily a Nomenclatorial Revision) ..... Edited by Tatsuro MATSUMOTO

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PALAEONTOLOGY IN JAPAN
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THE EDITOR
c/o Department of Geology, Faculty of Science, Kyushu University, Fukuoka 812

BIBLIOGRAPHY

OF

PALAEONTOLOGY IN JAPAN

1976-1980

By

Tomoki KASE and Kazuo ASAMA

Foreword

This bibliography is an attempt to compile a complete list of the papers on palaeontology and related sciences in Japan, and to provide the facility for the students who are concerned in palaeontological work. This project has been continued since 1951 by the Palaeontological Society of Japan, and three issues of the bibliography already appeared. The recent considerable development of palaeontological investigation in Japan has caused to have vast number of publications which appeared in both journals and books of 1975 to 1980. These publications cover nearly all the taxa of animals and plants, and also contain the taxonomical and theoretical discussion on palaeontology and related sciences. Although it may be a time-consuming and cumbersome work to compile all the papers without missing, the bibliographic survey is one of the indispensable works to our palaeontological investigation.

In this cooperation of all the members of the Society the fourth issue of the bibliography is completed by the editors, Dr. Tomoki Kase and Dr. Kazuo Asama of the National Science Museum at Tokyo. Now it is published to commemorate the fiftieth anniversary of the foundation of the Society. On behalf of the Society I am happy to share the pleasure of the accomplishment with all the persons who have cooperated in this subject.

Toshimasa Tanai

President of the Society

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PREFACE

This is the fourth issue of the bibliography of palaeontology and related sciences in Japan, which includes articles published during five years from 1976 to 1980. Previous issues were published as the Bibliography of Japanese Palaeontology and Related Sciences, 1941–1950 and 1951–1960, and the Bibliography of Palaeontology in Japan, 1961–1975, as Special Paper nos. 1, 9, and 22, respectively. As is the previous bibliography (no. 22), this includes all the articles written by Japanese authors, by foreign authors using materials or data from Japan and adjacent seas, and by foreign authors appeared in Japanese journals and other publications. The editors endeavored to collect articles fall under the scope of this bibliography in the journals and other publications as many as possible. However, vast accumulation of the articles concerning palaeontology and related sciences published in vast number of publications has made difficult to include precisely all of them without oversight in this volume. In order to make this volume further complete, the Society entrusted each member to collaborate to make a data bank by offering his reprints and publication list containing indices of geologic ages and taxa, which are the principal basis for preparation of this volume. All the reprints sent by each member are kept for the present in the Department of Geology, National Science Museum, Tokyo and are to furnish widely to the members of the Society.

The contents and style of this bibliography are consistent with the previous one (no. 22); it comprises 1) author catalogue, in which articles are arranged alphabetically by senior author name, and 2) indices of junior authors, geologic ages, and taxa. The indices bear item number along with the name of authors or senior authors in parentheses. The articles written in Japanese without foreign language titles are translated in English by authors or editors. In these articles, the titles are put in square brackets. Also the articles written in Japanese with abstract or summary written in foreign languages are indicated with prefix put in parentheses; e.g., the articles with English abstract or summary, (J.E.), the articles with German abstract or summary, (J.G.), etc. This volume is mainly compiled by the editors, but is also co-operated greatly by members of the Society, as follows:

Dr. Toshimasa Tanai (Hokkaido University); Drs. Shiro Hasegawa, Kunihiro Ishizaki, Tamio Kotaka, Kei Mori, Motoyoshi Oda, Kenshiro Ogasawara, Yokichi Takayanagi, Junichi Tazawa (Tohoku University); Dr. Hisayoshi Igo (Tsukuba University); Drs. Ienori Fujiyama, Yukio Kuwano, Takashi Mitsuoka, Ikuwo Obata, Keiichi Ono, Yukimitsu Tomida, Yoshihiro Tanimura, Kazuhiko Uemura, Teruya Uyeno (National Science Museum, Tokyo); Drs. Takeshi Ishibashi, Juichi Yanagida (Kyushu University).

The editors are greatly indebted to the above-mentioned members of the Society. Also we are deeply indebted to Dr. Kin'ichi Sakurai, Kandasuda-cho, Chiyoda-ku, Tokyo, a member of the Society, to allow us to use his Word Processor for preparation of this volume.

Tomoki Kase
and
Kazuo Asama
Department of Geology
National Science Museum, Tokyo

Abbreviations and Publishers of the Periodicals Cited

Abh. Geol. B.-A., Wien Abhandlungen der Geologischen Bundesanstalt, Wien
Abh. Verh. Naturwiss. Ver. Hamburg. Abhandlungen und Verhandlungen des Naturwissenschaftlichen Vereins in Hamburg, N. F., Hamburg
Acta Geol. Taiwanica Acta Geologica Taiwanica, Taipei
Acta Geol. Polonica Acta Geologica Polonica, Warszawa
Acta Phytotax. Geobot. Acta Phytotaxonomica et Geobotanica, Sociatus Phytogeographica, Kyoto
Acta Zool. Cracoviensia Acta Zoologica Cracoviensia, Akademia Nauk, Krakow
Amer. Jour. Sci. American Journal of Science, Kline Geology Laboratory, Yale University, New Haven, Connecticut
Amer. Mus. Novitates American Museum of Novitates, the American Museum of Natural History, New York
Ann. Bull. Hiroshima Univ. Taishaku-kyo Sites Res. Centre Annual Bulletin of Hiroshima University Taishaku-kyo Sites Research Centre, Hiroshima
Ann. Mus. Hist. Nat. Nice Annales du Museum d'Histoire Naturelle de Nice, Nice
Ann. Rep. Fac. Educ., Iwate Univ. The Annual Report of the Faculty of Education, Iwate University, part 3, Natural Science, Morioka
Ann. Rep. Akita Pref. Mus. Annual Report of Akita Prefectural Museum, Akita
Ann. Rep. Hist. Mus. Hokkaido Annual Report of the Historical Museum of Hokkaido, Sapporo
Ann. Rep. Inst. Evol. Biol. Annual Report of the Research Institute of Evolutionary Biology, Tokyo
Ann. Rep. Inst. Geosci., Univ. Tsukuba Annual Report of the Institute of Geoscience, the University of Tsukuba, Sakura-mura, Ibaraki
Ann. Rep. Res. Inst. Sci. Educ., Miyagi Univ. Educ. Annual Report from the Research Institution for Science Education, Miyagi University of Education, Sendai
Ann. Rep. Res. Lab. Ground Failure Annual Report of the Research Laboratory of Ground Failure (the Jibansaigai-ken), Niigata University, Niigata
Ann. Rep. Yokosuka City Mus. Annual Report of the Yokosuka City Museum, Yokosuka
Ann. Sci., Kanazawa Univ. Annals of Science, College of Liberal Arts, Kanazawa University, Kanazawa
Aquabiology (=Kaiyo to Seibutsu), Seibutsu Kenkyusha Co., Tokyo
Archaeol. Nat. Sci. Archaeology and Natural Science (=Koukogaku to Shizenkagaku), Department of Anthropology, Faculty of Science, the University of Tokyo, Tokyo

Benthos Res. Benthos Research, Kumamoto
Biol. Sci., Tokyo Biological Science (=Seibutsu-kagaku), Iwanami Publishing Co. Tokyo
Bot. Mag., Tokyo Botanical Magazine, Tokyo
Bull. Akiyoshi-dai Mus. Nat. Hist. Bulletin of the Akiyoshi-dai Museum of Natural History, Shuho-cho, Yamaguchi Prefecture
Bull. Chiba Pref. Res. Inst. Environmental Pollution Bulletin of Chiba Prefectural Research Institute for Environmental Pollution, Ichihara
Bull. Chichibu Mus. Nat. Hist. Bulletin of the Chichibu Museum of Natural History, Nagatoro
Bull. Choshi Marine Lab., Chiba Univ. Bulletin of the Choshi Marine Laboratory, Chiba University, Chiba
Bull. Coll. Educ., Univ. Ryukyus Bulletin of the College of Education, University of the Ryukyus, Naha
Bull. Fac. Educ., Kanazawa Univ., Nat. Sci. Bulletin of the Faculty of Education, Kanazawa University, Natural Science, Kanazawa
Bull. Fac. Educ., Utsunomiya Univ. Bulletin of the Faculty of Education, Utsunomiya University, Utsunomiya
Bull. Fac. Educ., Wakayama Univ., Nat. Sci. Bulletin of the Faculty of Education, Wakayama University, Natural Science, Wakayama

Bull. Fac. Liber. Arts, Nagasaki Univ., Nat. Sci. Bulletin of the Liberal Arts, Nagasaki University, Natural Science, Nagasaki
Bull. Fukuoka Univ. Educ. Bulletin of Fukuoka University of Education, Akama, Fukuoka Prefecture
Bull. Geol. Inst., Univ. Uppsala, N. S. Bulletin of the Geological Institute of the University of Uppsala, New Series, Uppsala
Bull. Geol. Surv. Japan Bulletin of the Geological Survey of Japan, Yatabe−cho, Ibaraki
Bull. Geol. Surv. Taiwan Bulletin of the Geological Survey of Taiwan, Taichung
Bull. Gifu Pref. Mus. Bulletin of the Gifu Prefectural Museum, Seki
Bull. Inst. Nat. Educ. Shiga Heights, Shinshu Univ. Bulletin of Institute of Nature Education in Shiga Heights, Shinshu University, Yamanouchi−cho, Nagano Prefecture
Bull. Japan Sea Res. Inst., Kanazawa Univ. Bulletin of the Japan Sea Research Institute, Kanazawa University, Kanazawa
Bull. Kanagawa Pref. Mus. Bulletin of the Kanagawa Prefectural Museum, Yokohama
Bull. Kitakyushu Mus. Nat. Hist. Bulletin of Kitakyushu Museum of Natural History, Kitakyushu
Bull. Mizunami Fossil Mus. Bulletin of the Mizunami Fossil Museum, Mizunami
Bull. Nara Univ. Educ. Bulletin of the Nara University of Education, Natural Science, Nara
Bull. Natn. Sci. Mus., Tokyo, ser. C Bulletin of the National Science Museum, ser. C(Geology and Paleontology), Tokyo
Bull. Osaka Mus. Nat. Hist. Bulletin of the Osaka Museum of Natural History, Osaka
Bull. Tokyo Gakugei Univ., 4th ser. Bulletin of the Tokyo Gakugei University, Fourth Series, Tokyo
Bull. Tottori Pref. Mus. Bulletin of the Tottori Prefectural Museum, Tottori
Bull. Univ. Mus., Univ. Tokyo Bulletin, University Museum, the University of Tokyo, Tokyo
Bull. Yamagata Univ., Nat. Sci. Bulletin of the Yamagata University, Natural Science, Yamagata University, Yamagata

Chigaku−Kenkyu (=Journal of the Society of Earth Scientists and Amateurs of Japan), Nippon Kobutsu Shumi−no−kai, Kyoto
Collecting and Breeding (=Saishu to Shiiku) Japan Science Society, Tokyo
Colloques Internat. C.N.R.S. Colloques Internationaux du Centre National de la Recherche Scientifique, Paris
Canadian Jour. Earth Sci. Canadian Journal of Earth Science, Ottawa
Contr. Dept. Geol. Mineral., Niigata Univ. Contributions from the Department of Geology and Mineralogy, Niigata University, Niigata
Contr. Inst. Geol. Palaeont., Tohoku Univ. Contributions from the Institute of Geology and Palaeontology, Tohoku University, Sendai
Cret. Res. Cretaceous Research, Academic Press, London

Earth Sci. Earth Science (=Chikyu−Kagaku), Journal of the Association for the Geological Collaboration in Japan (Chigaku Dantai Kenkyu−kai), Tokyo
Ecol. Rev. Ecological Review, the Mt. Hakkoda Botanical Laboratory, Tohoku University, Sendai
Environmental Studies of Tsukuba University of Tsukuba, Sakura−mura, Ibaraki

Fossils (=Kaseki), Palaeontological Society of Japan, Tokyo
Fossil Club Bull. Fossil Club Bulletin, Kaseki Kenkyu−kai, Tokyo

Geogr. Rev. Japan Geographical Review of Japan, the Association of Japanese Geographers, Tokyo
Geol. Palaeont. Southeast Asia Geology and Palaeontology of Southeast Asia, University of Tokyo Press, Tokyo
Geol. Surv. Japan, Cruise Rep. Cruise Report, Geological Survey of Japan, Yatabe−cho, Ibaraki
Geology Geological Society of America, Boulder, Colorado

Geol. News Geological News (=Chishitsu News), Geological Survey of Japan, Yatabe−cho, Ibaraki
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Init. Rep. Deep Sea Drilling Project Initial Reports of the Deep Sea Drilling Project, U. S. Science Foundation, Washington D. C.

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Japan. Jour. Botany Japanese Journal of Botany, Transactions and Abstracts, Tokyo
Japan. Jour. Ecol. Japanese Journal of Ecology, Sendai
Japan. Jour. Oral Biol. Japanese Journal of Oral Biology, Japanese Association for Oral Biology, Tokyo
Japan. Jour. Palynol. Japanese Journal of Palynology, Palynological Society of Japan, Shizuoka
Jour. Anthrop. Soc. Nippon (=Zinruigaku Zasshi), Journal of the Anthropological Society of Nippon, Tokyo
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Jour. Fac. Educ., Shinshu Univ. Journal of the Faculty of Education, Shinshu University, Nagano
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Jour. Fac. Sci., Hokkaido Univ., ser. 4 Journal of the Faculty of Science, Hokkaido University, series 4, Geology and Mineralogy, Sapporo
Jour. Fac. Sci., Univ. Tokyo, sec. 2 Journal of the Faculty of Science, the University of Tokyo, section 2, Geology and Mineralogy, Tokyo
Jour. Gakugei, Tokushima Univ., Nat. Sci. Journal of Gakugei, Tokushima University, Natural Science, Tokushima
Jour. Geogr. Journal of Geography, Tokyo Geographical Society (Tokyo Chigaku Kyokai), Tokyo
Jour. Geol. Soc. Japan Journal of the Geological Society of Japan, Tokyo
Jour. Geol. Soc. Korea Journal of the Geological Society of Korea, Seoul
Jour. Geol. Soc. Thailand Journal of the Geological Society of Thailand, Bangkok
Jour. Geosci., Osaka City Univ. Journal of Geosciences, Osaka City University, Osaka
Jour. Hokkaido Univ. Educ. Journal of Hokkaido University of Education, sec. 2, Sapporo
Jour. Japan. Assoc. Petrol. Tech. Journal of the Japanese Association of Petroleum Technologists, Tokyo
Jour. Japan. Bot. The Journal of Japanese Botany, Tsumura Laboratory, Tokyo
Jour. Paleont. Jouranl of Paleontology, Paleontological Society of America, Ann Arbor, Michigan
Jour. Saitama Univ., Fac. Educ. (Math. Nat. Sci.) Journal of Saitama University (Mathematics and Natural Science), Faculty of Education, Saitama University, Urawa
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Jour. Sci. Hiroshima Univ., ser. C Journal of Science of the Hiroshima University, series C (Geology and Mineralogy), Hiroshima
Jour. Speleol. Soc. Japan Journal of the Speleological Society of Japan, Shuho−cho, Yamaguchi
Jour. Stomatol. Soc. Japan Journal of the Stomatological Society of Japan, Tokyo
Jour. Toyo Univ., Gen. Educ. Nat. Sci. Journal of the Toyo University, General

Education, Natural Science, Tokyo

Kagaku (=Science), Iwanami Publishing Co., Tokyo
Kumamoto Jour. Sci., Geol. Kumamoto Journal of Science, Geology, Kumamoto University, Kumamoto

Lethaia The International Palaeontological Association, Universitetsforlaget, Oslo

Marine Biol. Marine Biology, Springer-Verlag, Berlin
Marine Micropaleont. Marine Micropaleontology, Elsevier Scientific Publishing Company, Amsterdam
Marine Sci. Marine Sciences (=Kaiyo-kagaku), Kaiyo Shuppan Co., Tokyo
Marine Sci., Spec. Issue Marine Sciences, Special Issue, Kaiyo Shuppan Co., Tokyo
Mater. Rep. Univ. Mus., Univ. Tokyo Material Reports of the University Museum, the University of Tokyo, Tokyo
Mem. Fac. Educ., Kagawa Univ., ser. 2 Memoirs of the Faculty of Education, Kagawa University, series 2, Takamatsu
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Mem. Fac. Gen. Educ., Kumamoto Univ., Nat. Sci. Memoirs of the Faculty of General Education, Kumamoto University, Natural Science, Kumamoto
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Mem. Fac. Sci., Kyushu Univ., ser. D. Memoirs of the Faculty of Science, Kyushu University, series D, Geology, Fukuoka
Mem. Fac. Sci., Shimane Univ. Memoirs of the Faculty of Science, Shimane University, Matsue
Mem. Geol. Soc. China Memoir of the Geological Society of China, Taiwan
Mem. Geol. Soc. Japan Memoirs of the Geological Society of Japan, Tokyo
Mem. Natn. Inst. Polar Res., Spec. Issue Memoirs of National Institute for Polar Research, Special Issue, National Institute of Polar Research, Tokyo
Mem. Natn. Sci. Mus., Tokyo Memoirs of the National Science Museum, Tokyo
Mem. Osaka Kyoiku Univ., ser. 3 Memoirs of Osaka Kyoiku University, ser. 3 (Natural Science and Applied Science), Osaka
Mem. School Sci. Eng., Waseda Univ. Memoirs of the School of Science and Engineering, Waseda University, Tokyo
Micropaleontology Micropaleontology Press, Americal Museum of Natural History, New York
Min. Geol. Mining Geology, Journal of the Mining Geologists of Japan, Tokyo

Nature Macmillan Journals Ltd., London
Nat. Hist. Rep. Kanagawa Natural History Report of Kanagawa Prefectural Museum, Yokohama
N. Jb. Geol. Paläont. Mh. Neues Jahrbuch fur Geologie und Paläontologie, Mh., Stuttgart
N. Z. Jour. Geol. Geophys. New Zealand Journal of Geology and Geophysics, Department of Scientific and Industrial Research, Wellington
NOM Newsletter of Osaka Micropaleontologists, Osaka
Norsk Geol. Tidsskrift Norsk Geologisk Tidsskrift, Universitetsforlaget, Oslo

Pacific Geol. Pacific Geology, Tokai University Press, Tokyo
Paleobot. Res. Japan (=Shokubutu Kenkyukai-shi), Association of Paleobotanical Research in Japan, National Science Museum, Tokyo
Palaeontology The Palaeontological Association, London

Palaeogeogr., Palaeoclimatol., Palaeoecol. Palaeogeography, Palaeoclimatology and Palaeoecology, Elsevier Publishing Co., Amsterdam
Palaeont. Soc. Japan, Spec. Paper Palaeontological Society of Japan, Special Paper, Tokyo
Paläont. Zeitschrift Paläontologische Zeitschrift, E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart
Palaeontographica, Abt. B. E. Schweizerbart'sche Verlagsbuchandlungen, Stuttgart
Petrol. Geol. Taiwan Petroleum Geology of Taiwan, Chinese Petroleum Institute, Miaoli, Taiwan
Pollen et Spore Pollen et Spore, Museum Nationale d'Histoire Naturelle, Paris
Proc. Inst. Nat. Sci., Nihon Univ. Proceedings of the Institute of the Natural Sciences (Applied Earth Science), Nihon University, Tokyo
Proc. Japan Acad. Proceedings of Japan Academy, Tokyo
Proc. Japan Acad., ser. B. Proceedings of Japan Academy, ser. B

Proc. Japan. Soc. Syst. Zool. Proceedings of the Japanese Society of Systematic Zoology, Tokyo
Pub. Sado Mus. Publication of Sado Museum

Quat. Res. Quaternary Research, Academic Press, Washington
Quat. Res., Japan The Quaternary Research, Japan Association for the Quaternary Research, Tokyo
Quest. Micropaleont. Acad. Sci. USSR

Recent Progress Nat. Sci. Japan Recent Progress of Natural Sciences in Japan, Science Council of Japan, Tokyo
Recent Res. Geol., Delhi Recent Research in Geology, Hindustan Publishing Corporation, Delhi
Rep. Earth Sci., Coll. Gen. Educ., Kyushu Univ. Reports of Earth Science, College of General Education, Kyushu University, Fukuoka
Rep. Fac. Sci. Engin., Saga Univ. Report of Faculty of Science and Engineering, Saga University, Saga
Rep. Fac. Sci., Kagoshima Univ., Earth Sci. Biol. Reports of the Faculty of Science, Kagoshima University, (Earth Science and Biology9, Kagoshima
Rep. Fac. Sci., Shizuoka Univ. Report of Faculty of Science, Shizuoka University, Shizuoka
Rep. Fishery Res. Lab. Kyushu Univ. Report of Fishery Research Laboratory, Kyushu University, Fukuoka
Rep. Geol. Surv. Hokkaido Report of the Geological Survey of Hokkaido, Sapporo
Rep. Kagawa Pref. Sci. Mus. Report of the Kagawa Prefectural Science Museum, Sakaide
Rep. Otsuchi Marine Res. Center Report of the Otsuchi Marine Research Center, the University of Tokyo, Otsuchi
Rep. Res. Inst. Undergr. Resour., Akita Univ. Report of the Research Institute of Underground Resources, Mining College, Akita University, Akita
Rep. Tech. Iwate Univ. Report on Technology, Iwate University, Morioka
Rep. Tech. Res., Japan Petroleum Exploration Co. Reports of the Technical Research Institute, Japan Petroleum Exploration Company, Hamura, Tokyo
Res. Rep., Kochi Univ., Nat. Sci. Research Reports of the Kochi University, Natural Science, Kochi
Rev. Palaeobot. Palynol. Review of Palaeobotany and Palynology, Elsevier Publishing Company, Amsterdam
Rev. Espanol. Micropaleont. Revista Espanola de Micropaleontologia,

Saito Ho−on Kai Mus. Nat. Hist. Res. Bull. Saito Ho−on Kai Museum of Natural History Research Bulletin, Saito Gratitude Foundation, Sendai
Science Science, American Association for the Advancement of Science, Washington D. C.
Sci. Engin. Res. Lab., Waseda Univ. Science and Engineering Research Laboratory, Waseda University, Tokyo

General Education, the University of Tokyo, Tokyo
Sci. Rep. Coll. Gen. Educ., Osaka Univ. Science Reports of the College of General Education, Osaka University, Osaka
Sci. Rep., Dept. Geol., Kyushu Univ. Science Reports, Department of Geology, Kyushu University, Fukuoka
Sci. Rep. Geol. Paleont., Taiwan Mus. Science Report of the Geology and Paleontology, Taiwan Museum, Taipei
Sci. Rep. Inst. Geosci., Univ. Tsukuba, sec. B. Science Reports of the Institute of Geoscience, University of Tsukuba, section B (Geological Sciences), Sakura−mura, Ibaraki
Sci. Rep. Kanazawa Univ. science Reports of Kanazawa University, Kanazawa
Sci. Rep. Niigata Univ., ser. E. Science Reports of Niigata University, series E (Geology and Mineralogy), Niigata
Sci. Rep. Tohoku Univ., 2nd ser. Science Reports of the Tohoku University, Second series (Geology), Sendai
Sci. Rep. Whales Res. Inst. The Scientific Reports of the Whales Research Institute, Tokyo
Sci. Rep. Yokohama Natn. Univ., sec. 2 Science Reports of the Yokohama National University, section 2, Biological and Geological Science, Yokohama
Sci. Rep. Yokosuka City Mus. Science Report of the Yokosuka City Museum, Yokosuka
Sci. Res., School Educ., Waseda Univ. Scientific Researches, the School of Education, Waseda University, Tokyo
Sci. Technol. Inform. Surv. science and Technology Information Survice
Stanford Univ. Pub. Geol. Sci. Stanford University Publications, Geological Sciences, Stanford, California
The Earth Monthly Kaiyo Shuppan Co., Tokyo
Trans. Proc. Palaeont. Soc. Japan, N. S. Transactions and Proceedings of the Palaeontological Society of Japan, New Series, Tokyo
Tsurumi Univ. Dental. Jour. Tsurumi University, Dental Journal, Yokohama

U. S. Geol. Surv. Prof. Paper Geological Survey Professional Paper, Washington D. C.
Veliger California Malacozoological Society, Berkeley
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AUTHOR CATALOGUE

A

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2 ADACHI Shuko (1980): New types of agglutinated foraminifers from the Ichinotani Formation (Carboniferous and Permian), Fukuji, Hida Massif, central Japan. Prof. S. Kanno Mem. Vol., 263−276, pls. 29−30.

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8(AKAHANE),28(AMANO),51(ARNOTT),52,53,54,59,60,61,62,63(ASAMA),84(BECKER),88(BITO),170(FURUICHI),318,319,320(HOJO),324(HORI),336,337(HUZIOKA),348(ICHIKAWA)376,377(INA),412,413(ISHIDA),426(ISHIZAKI),434,435,436(ITIHARA),447(ITOIGAWA),S2(IWAO),489(KAMOI),535(KATTO),556(KAWAI),590,595,596,597(KIMURA),618(KITA−GAWA),650(KOBAYASHI),700(KOBIWAKO RESEARCH GROUP),726(KOKAWA),747(KOTAKA),787(MACHIDA),800(MAENAKA),882(MATSUMOTO),915,919,923,924(MATSUO),926,931(MATSU−OKA),961,(MINATO),972(MINO),991(MIZUNO),994(MOGI),1009(MORISHITA),1013(MURAI),1070,1072(NISHIDA M.),1089(NISHIDA S.),1137(NONAKA),1143(OBATA),1159(OCHSENIUS)1246(OMORI),1262(ONOE),1285,1286,1287(OZAKI),1293(PALYNOLOGICAL RESEARCH GROUP FOR NOJIRI−KO EXCAVATION),1324(SAITO),1343(SAKAMOTO),1356(SASA),1453,1454,1456,1457(SUZUKI),1467(TACHIBANA),1479(TAKADA PLAIN COLLABORATIVE RESEARCH GROUP),1567,1571,1574,1575(TANAI),1581(TANAKA),1616(TERAOKA),1619(THE UONUMA HILLS COLLABORATIVE RESEARCH GROUP),1667(UEMURA),1714(WADA),1725(WOLFE),1727(YAMADA),1757(YAMANOI),1761(YAMAZAKI),1779,1780(YANO),1784(YASUDA)

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536(KATTO)

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12(AKAMATSU),124(ELSIK),125,126(ENDO),135,136,137,138(FUJI),172,173(FURUTANI),243(HASE),285(HATANAKA),328(HOSHINO),351,352(IGARASHI),371(IKEBE),378(INAKO),385(INOUE),433(ITAGAWA),538(KATTO),647(KOBAYASHI),763(KUBOTA),773,774(KURODA),789(MAEDA S.),797(MAEDA Y.),930(MATSUOKA),960(MIKI),981(MIURA),987(MIYOSHI),989(MIZORO−GA−IKE RESEARCH GROUP),1055,1056(NASU),1088,1089,1090,1091,1092,1093(NISHIDA),1103(NISHIMURA),1104(NITOBE),1105(NOBI PLAIN QUATERNARY RESEARCH GROUP),1143(OBATA),1255,1256,1257(ONISHI),1263(ONOE),1275,1277(OTSUKA),1293(PALYNOLOGICAL RESEARCH GROUP FOR NOJIRI−KO EXCAVATION),1351(SANNOMIYA),1337(SAKAI),1344(SAKAMOTO),1355(SASAJIMA),1359,1360,1361(SATO),1393(SHIMAZAKI),1437(SOMA),1479(TAKADA PLAIN COLLABORATIVE RESEARCH GROUP),1483,1484,1845,1486,1487,1490,1491(TAKAHASHI K.),1498,1499,1500(TAKAHASHI M.),1536,1537,1538(TA−KEUTI),1626,1627,1628,1629,1630(TOKUNAGA),1656,1657,1658,1659,1660,1662,1663(TSUJI),1687(UOZAWA),1727,1728(YAMADA),1750,1751,1752(YAMANAKA),1753,1754,1755,1756(YAMANOI),1780(YANO),1802(YOSHIKAWA),1803(YOSHINO)

ANGIOSPERMAE

1762(YAMAZAKI)

1600(TASHIRO),1621(THIERSTEIN),1625(TOKOYODA),1645,1648(TSUCHI),1724(WILBER)

Dinoflagellata

240(HARADA),925,927,928(MATSUOKA),1488(TAKAHASHI),1512(TAKAYANAGI)

Diatomeae

14,15,16(AKIBA),40(AOKI),50(ARITA),78(BANDO),81,82,83(BARRON),85(BERGGREN),88(BITO),91(BRADY),92,93(BURCKLE),113(DIATOM RESEARCH GROUP FOR NOJIRI−KO EXCAVATION),133,139(FUJI),241(HARPER),246,247(HASEGAWA),370(IKEBE),382(INGLE),468(KAIZUKA),551(KATTO),647(KOBAYASHI),715,717,718,719,720,721,722,723,724,725(KOIZUMI),727,728,729(KOMURA),759,760,761(KUBOTA),950(MATSUURA),988,989(MIZORO−GA−IKE RESEARCH GROUP),1005,1006(MORI),1027(NAGATA),1032(NAKAJIMA),1064(NIIGATA DIATOM RESEARCH GROUP),1090,1092,1093(NISHIDA),1105(NOBI PLAIN QUATERNARY RESEARCH GROUP),1143(OBATA),1368(SCHRADER),1411(SHIPBOARD SCIENTIFIC PARTY OF LEG 56),1412,1413,1414(SHIPBOARD SCIENTIFIC PARTY OF LEG 57),1474,1477(TAIRA),1479(TAKADA PLAIN COLLABORATIVE RESEARCH GROUP),1494(TAKAHASHI),1512(TAKAYANAGI),1531(TAKAYASU),1648(TSUCHI),1695(UTASHIRO),1719(WATANABE E.),1723(WATANABE Y.),1804(YU)

Silicoflagellata

85(BERGGREN),717,721(KOIZUMI),782,783,784,785(LING),1321(SAITO),1366,1367(SAWAMURA)

OTHERS

929(MATSUOKA),1059(NEHIRA),1395(SHIMIZU),1492(TAKAHASHI),1805,1806,1807(YUASA)

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