

**JAPANESE TRANSLATIONS AVAILABLE  
AT THE  
MICRONESIAN AREA RESEARCH CENTER**

**Compiled By  
L. G. ELDREDGE**

**Sea Grant Publication UGSG 77-09**

**UNIVERSITY OF GUAM MARINE LABORATORY**

**Technical Report No. 32**

**January 1977**

This publication was printed under the auspices of the University of Guam  
Sea Grant Program (Grant No. 04-5-158-45) through an award from the National  
Oceanographic and Atmospheric Administration, Office of Sea Grant Programs,  
Department of Commerce

JAPANESE TRANSLATIONS AVAILABLE  
AT THE  
MICRONESIAN AREA RESEARCH CENTER

Compiled By

L. G. ELDREDGE

Marine Laboratory  
University of Guam

Sea Grant Publication UGSG 77-09

University of Guam Marine Laboratory Technical Report No. 32

1977

## PREFACE

During the past fifty years a number of scientific articles about Micronesia have been written in Japanese. Unfortunately, most of them are unknown to American scientists. Many of the original journal series are also unavailable. Since the mid 1940's several articles have been translated (in manuscript form) and deposited in various libraries.

Mainly through the efforts of the University of Guam Sea Grant Program (Grant Nos. 04-4-158-4 and 04-5-158-45), the majority of marine-related articles were acquired. Additional copies of articles have been donated by the National Marine Fisheries Service, Honolulu; Dr. F. R. Fosberg, Smithsonian Institution; and the Pacific Scientific Information Center, Honolulu.

The article titles are listed alphabetically by author. A cross-reference index annotates many articles. This cross reference scheme is not exhaustive but is intended to help locate major items of interest. Additional geographic references may be included in separate articles.

Journal citations are given in both Japanese and English for some titles and in others pagination where known. It has been impossible to verify these translations with the original articles.

Copies of all the translations listed are deposited in the Micronesian Area Research Center. They are either in microfilm or photocopy. All inquiries concerning copies of the translations should be addressed to:

Pacific Collection  
Micronesian Area Research Center  
University of Guam  
P.O. Box EK  
Agana, Guam 96910

It is hoped that this list will assist researchers find additional regional information which may be otherwise unavailable. Supplementary lists are planned as additional material is acquired.

- Abe, N. 1940. Kayangel Atoll. Zool. Lit. No. 67, 1940 (Zoological Observations, pp. 104-122, 1942).
- Adati, M. 1941a. Applied microbiological study of the soils of the South Sea Islands (First Report). On the microbiological nature of the soils of Saipan, Part I. Nettai Nogaku Kwaishi (Soc. Trop. Agriculture Jour.) 18:248-260.
- \_\_\_\_\_. 1941b. Applied microbiological study of the soils of the South Sea Islands (Second Report). On the microbiological nature of the soils of Tinian, Part I. Nettai Nogaku Kwaishi (Soc. Trop. Agriculture Jour.) 13(4):314-320.
- \_\_\_\_\_. 1942a. Applied microbiological study of the soils of the South Sea Islands (Third Report). On the microbiological changes which took place when fertilizer was added to the soils of the Saipan and Tinian Islands. Nettai Nogaku Kwaishi (Soc. Trop. Agriculture Jour.) 14(1):22-29.
- \_\_\_\_\_. 1942b. Applied microbiological study of the soils of the South Sea Islands (Fourth Report). On the true organic nutritive bacteria most common in the cultivated land of Saipan and Tinian Islands. Nettai Nogaku Kwaishi (Soc. Trop. Agriculture Jour.) 14:113-130.
- Aikawa, H., and K. Masuo. 1938. Age determination of fish (Preliminary report 1). Bull. Japanese Soc. Sci. Fish. 7(1). [sic actually No. 2].
- Amemiya, I. 1921. On the structure of the poison spines of the Aigo (Teuthis (Syn. Siganus) fuscescens). Suisan Gakkai Ho 3(3).
- Anonymous. 1923-1935. Marshall Islands Fishery Investigations 1926-27. Progress Report of the South Seas Government-General Fisheries Experiment Station [Nanyocho Suisan Shikenjo Jigyo Hokoku].
- \_\_\_\_\_. 1937. An investigation of the waters adjacent to Ponape. Fisheries Experiment Station Progress Report No. 1, 1923-35. South Seas Government-General, Palao.
- \_\_\_\_\_. 1937. Report of a survey of fishing grounds and channels in Palau waters 1925-26. Fisheries Research Station Progress Report No. 1, 1923-1935. South Seas Government-General, Palao.
- \_\_\_\_\_. 1941. A tuna survey in Palau waters (Late 1940). South Sea Fishery News [Nanyo Suisan Joho] 5(4).
- \_\_\_\_\_. 1942. Report of a survey of the tuna fishery in Palau waters. South Sea Fishery News [Nanyo Suisan Joho] 6(1).
- Aoyagi, H. 1941. Fishes of the Palau Islands. Kagaku Nanyo (Sci. South Seas) 4(1):55-61 and 4(2):53-62.
- Asano, K. 1939. Limestone of the South Sea Islands under Japanese Mandate. Jubilee Pub. Commem. Prof. H. Yabe, M.I.A. 60th Birthday. 1:537-550.

- Asano, K. 1939. Fossils and the stratigraphic succession on Saipan Island. *Kagaku (Science)* 9(9):333-335.
- \_\_\_\_\_. 1942. Coral reefs of the South Sea Islands: Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku (Inst. Geology and Paleontology, Pac. Sci., Tohoku Imp. Univ. Contr. in Japanese) 39:27-45.
- Ban, Y. 1941. On the search for southern tuna fishing grounds. *South Sea Fisheries [Nanyo Suisan]* 7(9).
- Central Fisheries Experiment Station. 1947. Report of investigations of skipjack and tuna resources, I.
- Endo, R. 1949a. A lexicon of geologic names of the Caroline Islands -- Palau Island, Yap Island, Fais Island, Truk, Ponape, and Kusae Islands. Ms. rept.
- \_\_\_\_\_. 1949b. A lexicon of geologic names of Tinian and Aguijan Islands, Marianas Islands. Ms. rept.
- \_\_\_\_\_. 1949c. A lexicon of geologic names of Saipan Island, Marianas Islands, preliminary. Ms. rept.
- \_\_\_\_\_. 1949d. A lexicon of geologic names of Rota, Guam, Pagan Islands, Marianas Islands, preliminary. Ms. rept.
- Endo S. 1955. Icons of fossil plants from Japanese Islands, Sangyo Toshio Co., Ltd.
- Eguchi, M. 1934. A so-called "deep sea" coral family, *Eupsammidae*: Chishitsugaku Zasshi (Geol. Soc. Jap. Jour.) 41(489).
- \_\_\_\_\_. 1935. Coral and coral reefs of Palau Islands, under Japanese Mandate: Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku (Inst. Geology and Paleontology, Fac. Sci., Tohoku Imp. Univ., Contr. in Japanese) 16:1-49.
- \_\_\_\_\_. 1936. Coral fauna of Tokyo Bay and its environs. Shokubutsu oyobi Dobutsu (Botany and Zoology) 4(2):66-73.
- \_\_\_\_\_. 1938. On some deep-water corals. Manchurian Biol. Soc. Bull. 1(3):1-65.
- \_\_\_\_\_. 1939. On the coral fauna of the Toyama Bay, Japan. Manchurian BioT. Soc. Bull. 2(3).

- Ezaki (Esaki), T. and S. Murakami. 1939. Names of fauna in the Palau Group (Part I). *Kagaku Nanyo (Sci. South Seas)* 1(3).
- Fusejima, R., M. Marubashi, and U. Kitazaki. 1943. Correlation between foraminifera and environment in the Philippine and adjacent seas. *Sigenkagaku Kenkyusyo Iho (Res. Sci. Inst. Japan Bull.)* 1:23-40.
- Fushida, Y. 1935a. The fishing industry of Ponape Island (1) South Sea Fish (*Nanyo Suisan*) No. 5 2(5):52-61.
- \_\_\_\_\_. 1935b. The fishing industry of Ponape Island (2) South Sea Fish (*Nanyo Suisan*) No. 6 1(6):44-47.
- \_\_\_\_\_. 1936. Importance of Kusaie Island from a fisheries standpoint. *South Sea Fish (Nanyo Suisan)* No. 16 2(9):46-52.
- Habe, T., M. Kawaguehi, and K. Yamane. 1945. A study for thanatocoenoses of Obama Bay on the coast of Japan Sea. *Zool. Inst. Kyoto Imp. Univ. and Otsu Hydrobiol. Sta., Contr. Physiol. Ecol. Research No. 32.*
- Hada, R. 1943. Foraminifera of the Palau Islands (I). *Kagaku Nan'yo (Sci. South Seas)* 5(2).
- Hada, Y. 1932. On Lake Ngardok, South Sea Islands (Babelthuap Island, Palau Group). *Rikusuigaku Zasshi (Japanese Jour. Limnology)* 2(1):10-14.
- \_\_\_\_\_. 1942. The ocean currents near the Palau Islands and the plankton. *Kagaku Nan'yo (Sci. South Seas)* 5(1):78-84.
- Hatai, S. et al. 1941. A symposium on the investigation of tuna and skipjack spawning grounds. *South Sea Science [Kagaku Nanyo]*. 4(1).
- Haneda, I. 1939. Some observations on luminous mushrooms of the South Seas. *Science of the South Seas* 1(3):116-128.
- \_\_\_\_\_. 1942. Further inquiry into the luminescent fungi in Micronesia. *Science of the South Seas* 4(3):225-239.
- Hanzawa, S. 1931. On the elevated coral reef in Formosa. *Chirigaku Hyoron (Geog. Rev. Japan)* 7(2):91-104.
- Hasegawa, K. 1937. Report of the progress of experimental tuna fishing near Woleai. *South Sea Fishery News [Nanyo Suisan Joho]* 1(1).
- Hatusima, S. 1940. On some Micronesian plants having abnormal distribution. *Science of the South Seas (Kagaku Nanyo)* 2:138-142.
- Hiratusuka, H., and M. Seiichi. 1935. The correlation between the length and weight of yellowfin tuna. *Formosan Fisheries Magazine [Taiwan Suisan Zasshi]* No. 241.

- Hiro, F. (Huzio). 1936. Notes on the molluscan fauna of Palau [I, Common shells and their habitats; II, Molluscs inhabiting the outer reef and lagoons]. *Venus* 6(1):31-43 and 6(4):208-221.
- \_\_\_\_\_. 1938. Coral reefs and biological facies of Iwayama Bay. *Kagaku Nan'yo (Sci. South Seas)* 1(1):13-19.
- \_\_\_\_\_. 1939. On zonal notches found in the shore lines of limestone islands. *Kagaku Nan'yo (Sci. South Seas)* 1(3):138-146.
- Hiyama, Y. 1943. Report of an investigation of poisonous fishes of the South Seas. Published by the Odawara Branch of the Nissan Fisheries Research Laboratory.
- Hosokawa, T. 1934. Buttressing and the observation thereof in Micronesia. *Kudoa* 2(2):71-73.
- \_\_\_\_\_. 1934a. On the Casuarina in the Marianas, with special reference to the island of Pagan. *Kudoa* 2(3):107-113.
- \_\_\_\_\_. 1934b. Phytophysiognomy of Kusaie. *Shokubutsu oyobi Dobutsu (Botany and Zoology)* 2(2):1421-1426.
- \_\_\_\_\_. 1935a. On the fruit of the nipa palm, which drifted ashore on the coasts of Formosa and adjacent islands. *Kagaku (Science)* 5(12):498-499.
- \_\_\_\_\_. 1935b. Materials for vegetation of the island of Ponape. *Kudoa* 3(4):162-166.
- \_\_\_\_\_. 1937a. A botanical trip to Truk Island. *Taiwan Kyoiku, (Formosan Education)*.
- \_\_\_\_\_. 1937b. A preliminary account of the phytogeographical study of Truk, Carolines. *Bull. Biogeogr. Soc. Japan* 7(11):171-255.
- \_\_\_\_\_. 1943. General consideration of the vegetation of the Asiatic tropics.
- Ikebe, K. 1939-40. Four papers on the morphometry and age of tropical tunas. *South Sea Fishery News [Nanyo Suisan Joho]* 3(10); 4(1); 4(2); 4(5).
- \_\_\_\_\_. 1941a. Measurements of yellowfin tuna from the equatorial counter-current area. *South Sea Fishery News [Nanyo Suisan Joho]* 5(3).
- \_\_\_\_\_. 1941b. A survey of tuna fishing grounds in the Marshall and Caroline Islands. *South Sea Fishery News [Nanyo Suisan Joho]* 5(1).
- \_\_\_\_\_. 1941c. A contribution to the study of tuna spawning grounds. *South Sea Fishery News [Nanyo Suisan Joho]* 5(4).

- Ikebe, K., and M. Takeshi. 1937. Progress report on experimental skipjack fishing near Yap. South Sea Fishery News [Nanyo Suisan Joho] 1(4).
- \_\_\_\_\_. 1938. Report of a skipjack bait investigation in Saipan waters. South Sea Fishery News [Nanyo Suisan Joho] 6.
- Imai, S., and T. Aizawa. 1942. A cultivated mushroom (*Volvaria bresadolea*) in the tropics. Kagaku Nan'yo (Sci. South Seas) 5(1):55-61.
- Imamura, Y. 1949. The skipjack fishery. Suisan Koza (The text of the fishery) 6,
- Inanami, Y. 1941. Report of oceanographic changes and fishing conditions in Palau waters. South Sea Fishery News [Nanyo Suisan Joho] 5(2).
- \_\_\_\_\_. 1942. Report of grounds fished by tuna boats operating in the Inner South Seas. South Sea Fishery News [Nanyo Suisan Joho] 6(1).
- Ishijima, W. 1933. Calcareous algae, especially on the classification of corallinaceae. Iwanami Koza (Iwanami Lecture Ser.) 47 p.
- \_\_\_\_\_. 1934. On Lithophyllum yendoi Fosile. Shokubutsu oyobi Dobutsu (Botany and Zoology) 2(8).
- \_\_\_\_\_. 1935. On the fossils of two genera Lithothamnium and Lithophyllum of calcareous algae. Chishitsugaku Zasshi (Geol. Soc. Japan Jour.) 42(504)
- \_\_\_\_\_. 1937. Calcareous algae found in the Ryukyu limestone. Kagaku (Science) 7(13):526-527.
- \_\_\_\_\_. 1942a. Calcareous algae as the reef-building organism. Taiwan no Kagaku (Sci. of Taiwan) 10(3-4):1-4.
- \_\_\_\_\_. 1942b. On the coralline algae from the Ryukyu limestone of Kotosyo (Botel Tobago Island). Taiwan Tigaku Kizi (Geog. Rec. Taiwan) 13(2-3).
- \_\_\_\_\_. 1943. On several kinds of calcareous algae in the Binangonan Limestone, Philippines. Taiwan Hakubutsugakkai Kaiho (Nat. History Soc. Formosa, Trans.) 33(242-243):643-652.
- Ito, H. 1938. Nuntia de Fishicibus Japonensibus (X). Jour. Jap. Bot. 14:731-733.
- \_\_\_\_\_. 1941. Humata trukensis Ito. Iconographia Asiae Orientalis 4(2):375-377.
- Iwao, S. 1941. Report of geological and mineral survey on Eastern Carolines, Kusaie and Ponape Islands. Ref. unknown.
- \_\_\_\_\_. 1941. Some notes on Ponape Island of the Inner South Seas. Chigaku Zasshi (Jour. Geography) 53(630):341-350.

- Kanamori, S. 1906-1908. On bat guano from Marianne Islands. Bull. College of Agriculture, Tokyo Imperial University 7:461-464.
- Kanehira, R. 1931a. A desultory talk on the South Seas, I. (Breadfruit). Forestry (Sanrin) 588:118-124.
- \_\_\_\_\_. 1933a. Flora Micronesica, Book 1, A general sketch of the flora of Micronesia. Nan'yo-cho (South Seas Bur., under Japanese Mandate). p. 1-58.
- \_\_\_\_\_. 1933b. Flora Micronesica, Book 2, The trees and shrubs of Micronesia, pt. 1, Gymnosperm and monocotyledons. Nan'yo-cho (South Seas Bur., under Japanese Mandate). p. 59-60.
- \_\_\_\_\_. 1933c. Flora Micronesica, Book 2, The trees and shrubs of Micronesia, pt. 2-A, Dicotyledons, families Casuarinaceae Capparidaceae. Nan'yo-cho (South Seas Bur., under Japanese Mandate). p. 80-123.
- \_\_\_\_\_. 1934. On the forest trees of the Marianas. Jour. Japanese Forestry Society 16(6):439-441.
- \_\_\_\_\_. 1935. Plants of the Southern Sea Islands. Natural Science and Museum 6(5):15-16.
- \_\_\_\_\_. 1937. An account of a trip to the South Seas. Forests (Sanrin) 656:94-101; 658:71-75; 659:76-8); 660 80-87; 661:73-79.
- Kanda, C. (Chiyoukazu). 1940a. Notes on Halimeda macroloba Decne. Kagaku Nan'yo (Sci. South Seas) 3(1):20-26.
- \_\_\_\_\_. 1940b. Studies on the genus Valonia from Palao. Science of the South Seas 3(2):107-116.
- Kanematsu, S. 1936. On the manganese nodule from Okinawa. Ganseki Kobutsu Koshogaku (Japanese Assoc. Mineralogists, Petrologists, Eco. Geologists Jour.) 15(6):292-294.
- Kato, G. 1939. Investigation on the fresh-water areas in the compound of the Palau Tropical Biological Station I - Geographical distribution of freshwater ponds. Kagaku Nan'yo (Sci. South Seas) 2(3):147-151.
- \_\_\_\_\_. 1941. Studies of the freshwaters in the ground of the Palau Tropical Biological Station. (II) Water temperatures, amount of dissolved oxygen. Kagaku Nan'yo (Sci. South Seas) 3(3):163-170.
- Kawagoe, S. 1917. Medicinal plants of the South Seas. Rigaku-kai (Science World) 14:810-821, 887-904; 15:17-31.
- \_\_\_\_\_. 1918. Observations on the flora of the South Sea Islands I. Bull. Kagoshima Imperial College of Agriculture and Forestry 3:117-190.
- Kawaguchi, S. 1942. The reason why trees flourish on the coral islands. (Research Data on Reef Corals, III). Kagaku Nan'yo (Science of the South Seas) 5(1):105-106.

- Kimura, K. 1932. Growth curves of bluefin tuna and yellowfin tuna based on the catches near Shigedera on the west coast of the Province of Izu. Bull. Japanese Soc. Sci. Fish. (Nippon Suisan Gakkai Shi) 1(1).
- Kishinouye, K. 1915. A study of the mackerals, cybiids, and tunas. Suisan Gakkai Ho 1(1).
- \_\_\_\_\_. 1917a. A new order of the Teleostomi. Suisan Gakkai Ho 2(2).
- \_\_\_\_\_. 1917b. The food of tunas. Suisan Gakkai Ho 2(1).
- \_\_\_\_\_. 1919a. The larval and juvenile stages of the Plecostei. Suisan Gakkai Ho 3(2).
- \_\_\_\_\_. 1919b. Studies of the Plecostei. Suisan Gakkai Ho 2(4).
- \_\_\_\_\_. 1924. Observations on the skipjack fishing grounds. Suisan Gakkai Ho 4(2).
- \_\_\_\_\_. 1926. An outline of studies of the Plecostei (tunas and skipjack) in 1925. Suisan Gakkai Ho 4(3).
- Kitazawa, Y., H. Kurasawa, and T. Takada. 1954. Animal ecology of Ozegahara Moor and adjacent districts, in Ozegahara Scientific Research Group, scientific research on Ozegahara Moor. Japan Soc. Promotion Sci. Research pp. 625-678.
- Kobayashi, M. 1937. Well-drilling on Tinian: Conference room of Tinian Sugar Works; on the formation of subterranean water. Kinen Kan (Hall) of the Saipan Sugar Works.
- \_\_\_\_\_. 1937a. History of the investigations on the fungus flora of Micronesia and the Bonin Islands. Jour. Jap. Bot. 13(2):95-104.
- \_\_\_\_\_. 1937b. Pacific region as the center of distribution of the gasteromycetes. Jour. Japan. Bot. 13(11):804-808.
- Kodaira, M. 1940-41. Ground water of Tinian Island, South Sea Islands under Japanese Mandate. Jubilee Pub. Commem. Prof. H. Yabe, M.I.A. 60th Birthday 2:725-734.
- Koidzumi, G. 1917a. The big button palm which produces the ivory nut. Jour. Jap. Bot. 1:40-143.
- \_\_\_\_\_. 1917b. Plants of Jaluit Island. Rigakukai (Science World) 15(1-2):14-17, 89-96.
- \_\_\_\_\_. 1933. Additional note on the Tokura channel as phytogeographical boundary. Shokubutsu Bunrui, Chiri (Acta Phytotaxonomica et Geobotanica) 2(3):206.
- Kumada, T. (Kumata, Toshiro). 1933. Distribution of bottom Foraminifera (Percent roughly determined)-covers area from Siam to Java, including South China Sea. Unpub. ms.

- Kumada, T. 1940. Poisonous fishes and plants in the tropics. Publisher not stated.
- Kusano, S. 1928. A most curious fungus, which looks like water-worn stones. Jour. Jap. Bot. 5(6):214-216.
- Marukawa, H. 1934. The South Seas mandated islands viewed from an industrial standpoint. Bull. South Sea Fish. Assn. (Nanyo Suisan Kyo Kai Iho) 1(17-20).
- \_\_\_\_\_. 1939a. Fisheries of the South Sea Islands: I. Ten years ago and today. South Sea Fish. (Nanyo Suisan) 5(2):10-20.
- \_\_\_\_\_. 1939b. Fisheries of the South Sea Islands : (2). II. Present condition of the island fisheries. South Sea Fish. (Nanyo Suisan) 5(3):8-17.
- \_\_\_\_\_. 1939c. Fisheries of the South Sea Islands: (3). II. Present condition of the island fisheries. South Sea Fish. (Nanyo Suisan) 5(4):9-17.
- \_\_\_\_\_. 1939d. Fisheries of the South Sea Islands: (8). VIII. Fishes of the South Sea Islands (Nanyo gunto no suisan (8). VIII. Nanyo gunto gyorui). South Sea Fish. (Nanyo Suisan) No. 52. 5(9):10-38.
- Masamune, G. 1929-30. Vernacular names of some Ryukyuan plants. Extracted from an unknown publication, probably "Minzoku" (Ethnology). p. 971-974 and 1035-1038, n.d.
- \_\_\_\_\_. 1932. The relation between the topography and geology of Yaku-shima and the immigration of plants. Chirigaku Hyoron (Geog. Rev. Japan) 8(12):1001-1003.
- \_\_\_\_\_. 1934. A glimpse of the flora of Kizan Island. Shokubutsu oyobi Dobutsu (Botany and Zoology) 2:1575-1579.
- Matsui, K. 1942. The diurnal migration of Achatina fulica. Kagaku Nan'yo (Sci. South Seas) 5(1):137-143.
- \_\_\_\_\_. 1942. On the gonads of skipjack from Palao waters. South Sea Science [Kagaku Nanyo] 5(1).
- Matsumoto. 1937. An investigation of the skipjack fishery in the waters of Woleai, with notes on the bait situation at Lamotrek and Puluwat Is. South Sea Fishery News [Nanyo Suisan Joho] 3.
- Matsuyama, M. 1949. Estimation of gravity in the South Sea Islands. Kagaku Nan'yo (Sci. South Seas) 1(3):109-122.
- Minami, D. 1942. Fisheries of Palau. South Sea Fish. (Nanyo Suisan) 8(8):26-28.

Mitsubishi Mining Company. 1941. Survey report on nickel-bearing ore in the Yap Islands. Commerce and Industry Sec., South Sea Islands Govt. Office and Yoshiharu Maeda, Engineer, Div. of Technique; Fujitaro Fukushima, Clerk, Tomil Br. Office; Toshio Shioi, Engineer, Div. of Technique, Hiroshi Kamiyama, Engineer, Sapporo Resident-Officer.

. 1947. Nickel-bearing laterite at Gatschaper, Yap Islands and Mitsubishi Mining Co. Appraisal of nickel-bearing iron deposits on Yap Island. Submitted by Eiichi Saito, Geol. Sec., Mitsubishi Mining Co., Ltd.

Mitsuchi, T. (Geol. Survey of Japan) 1952. List of publications of the Geological Survey of Japan (1880-1952). Geol. Survey of Japan.

Mitsui Mining Company. n.d. Maps and charts of the bauxite deposits in the Palau Island. File data from the Mitsui Mining Co.

Miyake, M. 1952. Studies on the mechanism of the opening and closing movement of bivalves. Kyushu Univ. Fac. Agriculture Sci. Bull. 12(2).

Miyake, Y., and I. Tamachi. 1942. On the soils of our South Sea Islands (First Paper). Nippon Dojo Hiryogaku Zasshi (Sci. Soil and Manure Nippon Jour.) 16(6):207.

Miyake, Y. 1942. Investigation from the standpoint of marine chemistry, in Taiheiyo Kyokai (Pacific Assoc.). Limnology and oceanography of the Pacific Ocean. Iwanami Shoten, Tokyo, 1943.

Miyaji, D., and T. Masui. 1942. On the marine benthic communities of the Kagoshima Bay and Yamagawa Harbor. Kaiyo Jiho (Jour. Oceanography) 13(3).

Miyaji, D. (Miyadi, Denzaburo), T. Habe, M. Kawaguchi, and K. Yamane. 1945. Biocoenose and thanatocoenose of Nakanoumi, a lagoon on the coast of Japan. Zool. Inst. Kyoto Imp. Univ. and Otsu Hydrobiol. Sta., Contr. Physiol. Ecol. Research No. 31.

Motoda, H. 1938. Useful shells in the Palau Islands. Sapporo Norin Gakkai Ho (Sapporo Soc. Agriculture and Forestry Trans.) 30(146):315-324.

. 1939a. A preliminary survey on Garamado Bay, Palau Main Islands. Kagaku Nan'yo (Sci. South Seas) 2(1):30-36.

. 1939b. An account of a journey to Tobi and Sonsorol Islands. Kagaku Nan'yo (Sci. South Seas) 2(2):102-121.

. 1941. Plankton productivity of Iwayama Bay, Palau. Kagaku Nan'yo (Sci. South Seas) 4(2):68-69.

Musya, K. compiler. 1951. Principal earthquakes that occurred in the Ryukyu Islands before 1900, and excerpt from the "Kyuyo." Annales of the Kingdom of Ryukyu, compiled by court historians from the time of the foundation of the kingdom to 1876.

- Musya, K. 1952. List of publications on Japanese volcanoes, Part I, 1883-1926; Part II, 1927-1949. Ms. rept.
- Musya, K. compiler. 1957. Volcanic activity in Japan in the period Jan. 1 to Nov. 4, 1957, compiled from the Jishin Geppo (Japan Meterorol. Agency Seismol. Bull.), Jishin Ryakuho (summarized rept. on earthquakes), Jishin Sokuho (prompt rept. on earthquakes), and unpublished manuscripts on volcanic activity.
- Nakajima, F. 1944-1945. Letter to Dr. Chester K. Wentworth, February 8, 1945; Abstract of report "The ground water in Tinian," November 15, 1944; A treatise on water supply, Tinian, Marianas, November 15, 1944; Geological structure and ground water of Tinian, October 12, 1945; 4 items bound together.
- Nakamura, H. 1936. On the food habits of yellowfin tuna Neptunnus macropterus (Schlegel) from the Celebes Sea. Trans. Hist. Society of Formosa (Taiwan Hakubutsu Gakkai Kaiho) 26(148).
- Niino, H. 1936. Two examples of borings in rock by bivalves. Chishitsugaku Zasshi (Geol. Soc. Japan Jour.) 43(511).
- \_\_\_\_\_. 1938. On the rock fragments collected from the reefs between Nishino-Shima and Kita-Iwo-Jima, and between Chishitsugaku Zasshi (Geol. Soc. Japan Jour.) 45(540):714-715.
- \_\_\_\_\_. 1943. Bottom deposits of the Pacific Ocean, in Taiheiyo Kyokai (Pacific Assoc.). Limnology and oceanography of the Pacific Ocean. Iwanami Shoten. p. 289-318.
- Nishida, S. 1915. An account of a trip to the South Seas. Trans. Sapporo Nat. Hist. Soc. 6(1):80-84.
- Nishiyama, I. 1947. Studies on the sugar cane III. Wild sugar canes in Asia and their significance in point of view of cane breeding. Seiken Zoho 3(2):54-62.
- Nishiyama, I., Y. Ihei, and K. Norio. 1942. Studies on the sugar cane I. Karyological observations on wild and cultivated sugar canes. Seiken Zoho 1(10-16).
- Nishiyama, S. 1942. On the recent shallow-water echinoids from the South Sea Islands. Nippon Kaiyo Gakkai Shi (Japan Oceanog. Soc. Jour.) 1(1-2):15-24.
- Nomura, S., and K. Hatai. 1932. Preliminary report on shell-bearing mollusca in Mutsu Bay. Saito Ho-on Kai Mus. Research Bull. Spec. No. 2.
- Nomura, S. 1932. Preliminary report on shell-bearing mollusca in Matsushima Bay. Saito Ho-on Kai Mus. Research Bull. Spec. No. 2.

- Ogura, Y. 1940. Searching the mangrove in the South Sea Islands. Nat. Sci. and Mus. 11(95-103).
- \_\_\_\_\_. 1941. Mangrove plants in eastern Asia. Shokubutsu oyobi Dobutsu (Botany and Zoology) 10(2):145-149; 10(3):233-237.
- Ohmura, I. compiler. 1943. Explanatory text of the geological map of the western South Seas. Nippon Gakujutsu Shinkokai Dainijyu-ichi Sho-iinkai (21st Sub-comm. Jap Soc. for Promotion of Sci. Research). 92 p.
- Okabe, M. 1940a. Investigation on the vegetation of coral reefs of the South Sea Islands (Preliminary Report), mimeograph. Manuscript pp. 1-38.
- \_\_\_\_\_. 1940b. Investigation of the medicinal plants found on the Palau Islands, their virtues and popular remedies. Bull. Trop. Indust. Inst., Palau, South Sea Islands, Japan, No. 5.
- \_\_\_\_\_. 1941a. An enumeration of the plants collected in Marshall Islands. Jour. of Japanese Forestry Society 23(5):261-272.
- \_\_\_\_\_. 1941b. Folk medicines of the Palau Islander. Jour. Anthropol. Soc. Nippon 56(413-426).
- \_\_\_\_\_. 1941c. On the exploitation of forest resources in Micronesia. Nanyo no Sangyo (Industry of the South Seas), Autumn Number pp. 1-7.
- \_\_\_\_\_. 1941d. A botanical research of the Marshall Islands. Sangyo no Nanyo (Industry of the South Seas) 4(5):1-10.
- \_\_\_\_\_. 1942. An enumeration of the plants collected in Truk, East Caroline Islands. Jour. of Jap. Forestry Society 24(6):287-307.
- \_\_\_\_\_. 1943. Folk medicines of the Islands of Palau and Yap. Nankyo Series, No. 2, Palau-Koror. pp. 1-49.
- Okajima, K. 1937a. General conditions of the fishing industry of the South Sea Islands (1). South Sea Fish. (Nanyo Suisan) 3(3):13-16.
- \_\_\_\_\_. 1937b. General conditions of the fishing industry of the South Sea Islands (2). South Sea Fish. (Nanyo Suisan) 3(4):25-27.
- \_\_\_\_\_. 1938a. Investigation of the fisheries of the South Pacific Islands I. South Sea Fish News (Nanyo Suisan Joho) 2(1):2-14.
- \_\_\_\_\_. 1938b. Investigation of the fisheries of the South Pacific Islands II. South Sea Fish News (Nanyo Suisan Joho) 2(2):2-22.
- \_\_\_\_\_. 1938c. Investigation of the fisheries of the South Pacific Islands III. South Sea Fish News (Nanyo Suisan Joho) 2(8):2-16.
- Okamura, K. 1936. Summary of Japanese algae, calcareous algae. Ms. rept.

- Omukai, R. 1942. Geomorphology, geology, and geochemical studies of coral reef limestone of the Truk Islands and Kuop Islands. Graduation Thesis, Inst. Geology Paleontology, Tohoku Imp. Univ. 89 p.
- Onoyama, T. 1935a. A narrative of a collecting trip to the South Sea Islands. *Venus* 5(2-3).
- \_\_\_\_\_. 1935b. Geomorphology of the main islands in the South Sea: Chikyu (The Globe) 23(6):441-461; 24(1):45-57.
- Oshima, H. 1939. Biology of coral reefs. *Kagaku Nan'yo* (Sci. South Seas) 2(2):59-69.
- Otsuka (Otuka), Y. 1941. Geology of the South Seas (Paleozoic). *Chigaku Zasshi* (Jour. Geography) 53(628):1-16.
- Oyama, K. 1943. Catalogue of marine mollusca found in Suruga Bay, Shizuoka-ken. *Sigenkagaku Kenkyusyo Iho* (Research Inst. Nat. Res. Japan Bull.) 2(3-47).
- \_\_\_\_\_. 1944. Taxonomy of the genus Ropeamussium. *Kairuigaku Zasshi* (Japanese Jour. Malacology) 13(5-B):240-245.
- Ozaki, H., O. Fukuda, and Y. Ando. 1951. On Tellina venulosa Schrenck and Spisula sachalinensis (Schrenck) found in the Tokyo Series - original report. *Shizen Kagaku to Hakubutsukan* (Nat. Sci. and Mus.) 18(5-6).
- Saito, H. 1937. On a fisheries inspection of the Marshall Islands. *South Sea Fish* (Nanyo Suisan) 3(6):13-14.
- Sato, Z. 1941. Geology of Babelthuap Island (Palau Main Island) and the annexed islets. *Hakubutsugaku Zasshi* (Nat. History Soc. Jour.) 38(72):92-104.
- Shiboi, T. 1941. The origin of nickel bearing clay ore, Yap Island. Mitsubishi Mining Co., Ltd.
- \_\_\_\_\_. 1946. The mineral resources of the South Sea Islands. Ms. rept.
- Shiraishi, Y. 1937. Results of oceanographic investigations between Palau and Espiritu Santo during Feb. 1937 (shows juninen Nigatsu Palao Espiritu Santo aida Koijo chosa seisaki). *South Sea Fish. News* (Nanyo Suisan Joho) 2(2-9).
- South Seas Government-General Fish. Exp. Station. 1937a. Investigation of waters adjacent to the Truk Islands. Prog. Rept. South Seas Govt-Gen. Fish. Exp. Sta. for 1923-35. p. 84-116.
- \_\_\_\_\_. 1937b. The present situation of mining industry in South Sea Islands. Agriculture and Forestry Br., Colonization Dept., South Sea Govt. Office. p. 1-41.

- South Seas Government-General Fish. Exp. Station. 1941a. Investigation of coastal fishing grounds. Prog. Rept. South Seas Govt-Gen. Fish. Exp. Sta. p. 95-101.
- \_\_\_\_\_. 1941b. Investigation of skipjack fishing in waters adjacent to Yap. Prog. Rept. South Seas Govt-Gen. Fish. Sta. for 1936. p. 1-5.
- \_\_\_\_\_. 1943. Investigation of pole-fishing for bottom fish. Prog. Rept. South Seas Govt-Gen. Fish. Exp. Sta. for 1939. p. 23-26.
- South Sea Islands. 1931. Vol. 1, pp. 304-402, with 2 extra sheets of colored pictures. Shinkosha, Tokyo.
- Suehiro, Y. 1948. On the physiological action of balloonfish poison. Suisan Gakkai Ho 10(12).
- Suematsu, N. 1941. Plants of the South Seas. Tokyo. 207 pp.
- Sugawara, S. 1934. Topography, geology and coral reefs of Rota Island. Unpub. student thesis, Inst. Geology Paleontology, Tohoku Imp. Univ.
- \_\_\_\_\_. 1940-41. A consideration of the stratigraphic relation between the Mariana and Ponia limestones on Rota Island. Jubilee Pub. Commem. Prof. H. Yabe, M.I.A., 60th Birthday 2:735-741.
- Sugiura, K. 1942. Taro culture of Palauans. Geogr. Res. 1(8).
- Sugiyama, R. 1943. Considerations on the genesis of the dauxite deposit of Ngardmau. Shizen Kagaku to Hakubutsukan (Nat. Sci. and Mus.) 14(8):180-184.
- Sugiyama, T. 1937. On recent coral reefs of the shores of Japan. Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ., contr. in Japanese) 26:1-60.
- \_\_\_\_\_. 1942. Reef-building corals and fringing reefs of Yap Islands. Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ. contr. in Japanese) 39:7-29.
- Suzuki, T. 1885. Volcanic rocks of the Chichi Jima group. Chigakukai Shi (Geol. Soc. Japan Bull.) 1(1):23-29.
- Tada, E. 1926. Abrasion terraces in the South Sea Islands. Chirigaku Hyoron (Geog. Rev. Japan) 2(5):399-417.
- Tagusa, M. 1934. Fisheries of the South Seas. Bull. South Seas Fish Assn. (Nanyo Suisan Kyokai Iho) 1:3-14.

- Takahashi, K. 1940. Some sand castings in Koror Island of the Palau Group. *Kagaku Nan'yo* (Sci. South Seas) 3(2):40-41.
- Takahashi, N. 1924. On the order Plecostei established by Dr. Kishinouye. *Zoological Magazine* (Dobutsugaku Zasshi) 36(432).
- Takanashi, O. 1937. Report on the initiation of a coastal fishing grounds investigation. *South Seas Fish. News* (Nanyo Suisan Joho) 5(2-4).
- \_\_\_\_\_. 1938. Preliminary investigations on the distribution of fishes. *South Seas Fish. News* (Nanyo Suisan Joho) 2(2):22-28.
- Takeda, H. 1957. A list of native plants known from the Ryukyu Archipelago, compiled from the "Flora of Japan" by T. Makino and K. Nemoto (1931-1936), and the "Catalogue of the Herbarium Specimens Preserved in the Department of Forestry, Government of Formosa," by S. Sasaki (1930).
- Taki, I., and Y. Otuka. 1942. Genus Turcicula Dall. *Conchologia Asiatica* 1(3):93-108.
- Tauchi, M. 1940. Three papers on the stocks of tunas in Japanese waters. *Bull. Japanese Soc. Sci. Fish.* (Nippon Suisan Gakkai Shi) 9(4).
- Tayama, R. 1934a. Table reef, a type of coral reef. *Suiro Yoho* (Hydrog. Bull.) 13(6):225-232.
- \_\_\_\_\_. 1934b. Topographic study of coral reefs in the Marshall Islands. *Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku* (Inst. Geology Paleontology, Fac. Sci. Tohoku Imp. Univ., contr. in Japanese) 10:1-57.
- \_\_\_\_\_. 1935a. Distribution of South Sea Islands and submarine topography. *Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu, Kenkyu Hobun Hokoku* (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ., contr. in Japanese) 17:1-22.
- \_\_\_\_\_. 1935b. Topography [geomorphology], geology and coral reefs of the Yap Islands. *Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku* (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ., contr. in Japanese) 19:1-43.
- \_\_\_\_\_. 1936a. Geomorphology, geology and coral reefs of the North Mariana Group. *Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku, Kyoshitsu Kenkyu Hobun Hokoku* (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ., contr. in Japanese) 23:1-88.
- \_\_\_\_\_. 1936b. Geomorphology, geology and coral reefs of Tinian Island together with Aguijan and Naftan Island. *Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun Hokoku* (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ., contr. in Japanese) no. 21.
- \_\_\_\_\_. 1936c. Yap Islands from a geological aspect (geology and geomorphology). *Kagaku* (Science) 6(2):61-65.

- Tayama, R. 1937a. Brief notes on geology of Saipan Island. Saipan Sugar Refinery, South Sea Devel. Co.
- \_\_\_\_\_. 1937b. On the crustal movement of the groups and submarine ridges in the western part of the South Sea Islands. Tohoku Teikoku Daigaku, Rigakubu, Chishitsugaku Koseibutsugaku Kyoshitsu Kenkyu Hobun (Inst. Geology Paleontology, Fac. Sci., Tohoku Imp. Univ., contr. in Japanese) 28(1-33).
- \_\_\_\_\_. 1937c. On the geology of Tinian. Lecture given at the Nanko (South Sea Development) Club.
- \_\_\_\_\_. 1938a. Geomorphology, geology, and coral reefs of Saipan Island (preliminary report). Nettai Sangyo Kenkyusho Iho (Trop. Industry Inst. Bull.) 1:1-62.
- \_\_\_\_\_. 1938b. Outline of the geologic structure in the South Sea Islands. Kagaku Nan'yo (Sci. South Seas) 1(2):9-10.
- \_\_\_\_\_. 1939a. Brief report on the geology and ore resources of Babedaob Island (Palau Island proper). Nettai Sangyo Kenkyusho Iho (Trop. Industry Inst. Bull.) 3(1-19).
- \_\_\_\_\_. 1939b. Coral reefs and the development of industry in the South Seas Islands. Chiri Kyoiku (Geog. Education) 30(5):434-443.
- \_\_\_\_\_. 1939c. Correlation of formations in South Sea Islands. Chishitsugaku Zasshi (Geol. Soc. Japan Jour.) 46(549):345-348.
- \_\_\_\_\_. 1939d. Report on ground water in Saipan Island (preliminary report). Nettai Sangyo Kenkyusho Iho (Trop. Industry Inst. Bull.) 2(1-40).
- \_\_\_\_\_. 1940-41. Geomorphology, geology and coral reefs of Truk Islands. Jubilee Pub. Commem. Prof. H. Yabe, M.I.A. (Member Imperial Academy), 60th Birthday 2(710-728).
- \_\_\_\_\_. 1942a. Geological itinerary in the South Sea Islands 1932-1942. Ms. rept.
- \_\_\_\_\_. 1942b. Types of phosphate deposits and their distribution in the South Sea Islands. Nettai Sangyo Kenkyusho Iho (Trop. Industry Inst. Bull.) 8(1-28).
- Tayama, R., and M. Shimakura. 1937. On the coal Babelthuap Island, Palau Group. Chishitsugaku Zasshi (Geol. Soc. Japan Jour.) 44(525):526-528.
- Tayama, R., and Y. Ota. 1940. Geomorphology, geology and coral reefs of Aguijan Island. Nettai Sangyo Kenkyusho Iho (Trop. Industry Inst. Bull.) 6:1-20.
- Tochinai, Y. 1940. On Septobasidium, science of the South Seas 3(2):85-88.

- Tokioka, T. 1942. Quantity of plankton in Iwayama bay and the fringing  
seams of the Palau Islands. Kagaku Nan'yo (Sci. South Seas) 5(1):44-45.
- Tokita, S. 1939. A list of marine algae of Micronesia. Science of the  
South Seas (Kagaku Nanyo) 2:16-26.
- Toyohara, G. 1936. Geophysical observations in the mandated South Sea  
Islands. Chigaku Zasshi (Jour. Geography) 48(564, 565):53-66, 135-142.
- Toyoshima, H. 1932. Earth temperature of Iwojima. Chigaku Zasshi (Jour.  
Geography) 44(524):528-541.
- \_\_\_\_\_. 1934. On the vegetation of Iwo-Jima. Ringyo Shikenjo Iho  
(Forest Expt. Sta. Bull.) 37:67-96.
- Tsuya, H. 1936. Geology of Iwo-Jima, Kazan-retto. Kazan (Volcanol. Soc.  
Japan Bull.) 3(1):28-52.
- Tuyama, T. 1938. On Myoporum of the Marianas. Jour. Jap. Bot. 14(12):812.
- \_\_\_\_\_. 1939a. On Santalum boninense, and the distribution of the  
species of Santalum. Jour. Jap. Bot. 15(11):697-712.
- \_\_\_\_\_. 1939b. Orchidaceae Novae Micronesiae I. Bot. Mag. Tokyo  
53(626):52-59.
- \_\_\_\_\_. 1940a. Fragmenta Floraes Micronesiae (I). Jour. Jap. Bot.  
16(4):194-205.
- \_\_\_\_\_. 1940b. From my notes on the South Sea plants. Jour. Jap. Bot.  
16(10):630-632.
- \_\_\_\_\_. 1940c. Orchidacea Novae Micronesiae, II et III. Bot. Mag.  
Tokyo 54(643):261-292.
- \_\_\_\_\_. 1940d. Orchidaceae Novae Micronesiae, IV. Bot. Mag. Tokyo  
54(644):295-321.
- \_\_\_\_\_. 1941a. An abnormal form of an orchid. Jour. Jap. Bot.  
17(7):429.
- \_\_\_\_\_. 1941b. Orchidacea Novae Micronesiae, V. Jour. Jap. Bot.  
17(9):505-523.
- \_\_\_\_\_. 1941c. Vernacular and Japanese names of palmae in the Palau  
Islands. Jour. Jap. Bot. 17(320-324).
- Uehara, T. 1941. A kite made of the leaf of Artocarpus in Tobi. Science  
of the South Seas 4(2):63-64.
- \_\_\_\_\_. 1941. A survey of tuna grounds in equatorial waters. South  
Sea Fish. News (Nanyo Suisan Joho) 5(3).

- Utinomi, H. 1942. Algae that perforate calcareous substance. Science of the South Seas 5(1):123-128.
- Wada, S. 1942a. On oysters from Palau. Kagaku Nan'yo (Sci. South Seas) 5(1):69-73.
- \_\_\_\_\_. 1942b. On some shells of family Tridacnidae from Palau. Kagaku Nan'yo (Sci. South Seas) 5(1):62-69.
- Watanabe, H. 1936-38. An investigation of albacore. Progress report of the Shizuoka Prefecture Fisheries Experiment Station (Shizuoka Ken Suisan Shikenjo Jigyo Hokoku).
- \_\_\_\_\_. 1939. Investigation of the fisheries of the South Pacific (South of the Marshall Islands). South Sea Fish. (Nanyo Suisan) 5(7):26-29.
- \_\_\_\_\_. 1940. Fishing conditions south of the Marshall Islands. South Sea Fish. (Nanyo Suisan). No. 58, March 25, 1940; No. 59, April 25, 1940, No. 60, May 25, 1940.
- \_\_\_\_\_. 1940. The status of fisheries south of the Marshall Islands (3). South Seas Fish. (Nanyo Suisan) 6(5):9-15.
- Watanabe, M. 1946. Cases of poisoning by the reef fish Lutjanus vaigiensis. Short report No. 6 of the Research Institute for Natural Resources. Tokyo.
- Watase, J. 1951. Plant collecting in the South Seas. Trans. Sapporo Nat. Hist. Soc 6(1):75-76.
- Yabe, Y. 1902. Plants of Marcus Island. Botanical Magazine, Tokyo 16(189):258.
- \_\_\_\_\_. 1951. Summary, note on Palaeo-Tokyo Bay. Shizen Kagaku to Hakubutsukan (Nat. Sci. and Mus.) 18(5-6).
- Yamada, Y. 1938. Notes on Liagora. Jour. Jap. Bot. 14(2):80-89; 3(153-163).
- \_\_\_\_\_. 1940. Caulerpa species in the South Seas. Science of the South Seas (Kagaku Nanyo) 3(2):11-23.
- \_\_\_\_\_. 1941. Species of the genus Halimeda from the South Seas. Kagaku Nan'yo (Sci. South Seas) 4(2):12-25.
- Yamada, I., and F. Kazuo. 1942. Studies on the sugar cane II. Experiments on flowering of the sugar canes on the island of Saipan, Seiken Zihō 1(85-88).

Yamaguchi, H. 1939. Micronesian Desamidiacea. Jap. Jour. Limnology 9(2):98-106.

Yap Islands [Yap Meteorological Station and others], 1938-40, Yap Islands Weather Data - 1938, 1939 and list of mines in South Seas, 1940. Compiled by Yap Meteorological Station, Nan'yo Takushoku K. K. (South Sea Colonization Co.) Nan'yo Kohatsu K. K. (South Sea Devel. Co.), Nan'yo Boeki K. K. (South Sea Trading Co.), and Nan'yo Aluminum K. K. (South Sea Aluminum Co.).

Yasuda, A. 1916a. Fungi from the newly occupied Marianas and Carolines. Rigakukai 13(894-897).

—. 1916b. Notes on fungi. Bot. Mag. Tokyo 30(354):153-154; 30(356):240-241.

Yasukawa, T. 1934. Report of an investigation of poisonous fishes within the jurisdiction of the Saipan Branch of the Government-General. Contagious Disease Research Institute, Tokyo Imperial University.

Yawata, I. 1932. On the megalithic structures in the Eastern Carolines (Ponape and Kusae) - preliminary report. Chirigaku Hyoron (Geog. Rev. Japan) 8(4):50-66.

Yoshii, M. 1935. On some rocks from the South Sea Islands. Chishitsugaku Zasshi (Geol. Soc. Japan Jour.) 42(504):549-554.

—. 1936. Brief notes on the noncalcareous rocks of Micronesia. Inst. Geol. Paleontol., Tohoku University 22.

Yoshino, T. 1940. Vernacular names of the cultivated plants in the South Seas. Science of the South Seas 2(3):170-174.

Yoshiwara, S. 1900. Earthquakes in southern islands. Chishitsugaku Zasshi (Geol. Soc. Tokyo Jour.) 7(79):149-159.

## CROSS REFERENCE INDEX

This index is intended to help researchers locate the titles of applicable articles. It is not an exhaustive index, since additional geographic location may be noted in the individual articles.

- Achatina fulica--Matsui, 1942
- African land snail--Matsui, 1942
- Aguijan, coral reefs--Tayama, 1936c
- Aguijan, coral reefs--Tayama and Ota, 1940
- Aguijan, geologic names--Endo, 1949b
- Algae--Kanda, 1940a, 1940b
- Algae--Yamada, 1938, 1940, 1941
- Algae--Utinomi, 1942
- Algae, Micronesia--Tokita, 1939
- Algae, Palau--Kanda, 1940
- Bat guano, Mariana Is.--Kanamori, 1906
- Bauxite, Palau--Mitsui, n.d.
- Bauxite, Palau--Sugiyama, 1943
- Bivalves--Miyabe, 1952
- Bivalves--Niino, 1936
- Bonin Islands rock fragments--Niino, 1938
- Botel Tobago Island, calcareous algae--Ishijima, 1942a
- Bottom deposits--Niino, 1943
- Buttressing--Hosohawa, 1934
- Calcareous algae--Ishijima, 1933, 1934, 1935, 1937, 1942a, 1942b, 1943
- Calcareous algae, Japan--Okamura, 1936
- Caroline Is., fishing tuna--Ikebe, 1941a
- Chichi Jima, volcanic rock--Sujuki, 1885
- Coal, Palau--Tayama and Shimakura, 1937
- Coral--Eguchi, 1934
- Corals, deep water--Eguchi, 1938
- Corals, Tokyo Bay--Eguchi, 1936
- Coral fauna, Tayama Bay--Eguchi, 1939
- Coral reefs--Oskima, 1939
- Coral reefs--Tayama, 1934a
- Coral reefs--Tayama, 1939b
- Coral reefs, Aguijan--Tayama, 1936c
- Coral reefs, Aguijan--Tayama and Ota, 1940
- Coral reefs, Iwayama Bay--Hiro, 1938
- Coral reefs, Japan--Sugiyama, 1937
- Coral reefs, Kuop--Omukai, 1942
- Coral reefs, Marshall Islands--Tayama, 1934b
- Coral reefs, Northern Marianas--Tayama, 1936a
- Coral reefs, Palau--Eguchi, 1935
- Coral reefs, Rota--Sugawara, 1934
- Coral reefs, Saipan--Tayama, 1938a
- Coral reefs, South Sea Islands--Asano, 1942
- Coral reefs, South Seas--Tayama, 1942a
- Coral reefs, South Seas--Tayama, 1942b
- Coral reefs, Taiwan--Hanzawa, 1931
- Coral reefs, Tinian--Tayama, 1936c
- Coral reefs, Truk--Omukai, 1942
- Coral reefs, Truk--Tayama, 1940
- Coral reefs, Yap--Sugiyama, 1942

- Coral reefs, Yap--Tayama, 1935b
- Earthquakes--Yoshiwara, 1900
- Earthquakes, Ryukyu--Musya, 1951
- Echinoids--Nishiyama, 1942
- Fais, geologic names--Endo, 1949a
- Fish, age--Oikawa, and Kato, 1938
- Fish, albacore--Watanabe, 1936-38
- Fish, fish keys--Kishinouye, 1915
- Fish, systematics--Takahashi, 1924
- Fish, tuna, systematics--Kishinonye, 1917a, 1919
- Fish, yellowfin tuna--Ikebe, 1941a
- Fishes, Palau--Aoyagi, 1941
- Fishing--Central Fish. Exper. Stat. 1947
- Fishing--Inanami, 1942
- Fishing, larval--Kishinauge, 1919a
- Fishing--Okajima, 1937a, 1937b, 1938a, 1938b, 1938c
- Fishing--Marukawa, 1934
- Fishing--Marukawa, 1939a, 1939b, 1939c, 1939d
- Fishing, coastal--South Seas Govt., 1941a
- Fishing, growth, Japan--Kimura, 1932
- Fishing, Kusaei--Fushida, 1936
- Fishing, Marshall Islands--Anon., 1923-75
- Fishing, Marshall Islands--Saito, 1937
- Fishing, Marshall Islands--Watanabe, 1939, 1940a, 1940b
- Fishing, Palau--Anon., 1937
- Fishing, Palau--Inanami, 1941
- Fishing, Palau--Matsui, 1942
- Fishing, Palau--Minami, 1942
- Fishing, Palau--Takanashi, 1937, 1938
- Fishing, pole--South Seas Govt., 1943
- Fishing, Ponape--Anon., 1937
- Fishing, Ponape--Fushida, 1935a, 1935b
- Fishing, Saipan--Yasukawa, 1934
- Fishing, South Seas--Tagusa, 1934
- Fishing, skipjack--Imamura, 1949
- Fishing, skipjack--Kishinouye, 1924
- Fishing, skipjack, Woleai--Matsumoto, 1937
- Fishing, skipjack, Yap--Ikebe and Takeshi, 1937
- Fishing, skipjack, Yap--South Seas Govt., 1941b
- Fishing, skipjack bait, Saipan--Ikebe and Takeshi, 1938
- Fishing, skipjack gonads--Matsui, 1942
- Fishing, spawning grounds--Ikebe, 1941c
- Fishing, Truk--South Seas Govt., 1937a
- Fishing, tuna--Ban, 1941
- Fishing, tuna--Hatai et al., 1941
- Fishing, tuna--Marukawa, 1939d
- Fishing, tuna--Kishinouye, 1926
- Fishing, tuna--Uehara, 1941
- Fishing, tuna, age--Ikebe, 1939-40
- Fishing, tuna, Celebes Sea--Nahamura, 1936
- Fishing, tuna food--Kishinouye, 1917b
- Fishing, tuna, Japanese--Tauchi, 1940
- Fishing, tuna, Marshall and Caroline Islands--Ikebe, 1941b
- Fishing, tuna, Palau--Anon., 1941
- Fishing, tuna, vascular system--Kishinouye, 1919b

- Fishing, tuna, Woleai--Hasegawa,  
1937  
 Fishing, yellowfin tuna--  
Hiratsuka and Mori, 1935  
 Flora, Kisan Island--Masamune,  
1934  
 Foraminifera--Fasejima et al.,  
1943  
 Foraminifera, Palau--Hada, 1943  
 Foraminifera, Siam to Java--  
Kumada, 1933  
 Fossil plants--Endo, 1955  
 Fossils, Saipan--Asano, 1939  
 Freshwater, Palau--Kato, 1939,  
1941  
 Fungus--Kobayashi, 1937a, 1937b  
 Fungus--Kusano, 1928  
 Fungus--Tochinai, 1940  
 Fungus--Yasuda, 1916a, 1916b
- Geology, Palau--Sato, 1941  
 Geology, Saipan--Tayama,  
1937a  
 Geology, South Seas--Tayama,  
1942a  
 Geology, Tinian--Tayama, 1937c  
 Geology, Yap--Tayama, 1936c  
 Geomorphology--Onoyama, 1935b  
 Geophysical observations--  
Toyohara, 1936  
 Gravity estimates--Matsuyama,  
1949  
 Groundwater, Saipan--Tayama,  
1939d  
 Groundwater, Tinian--Kodaira,  
1940-41  
 Groundwater, Tinian--Nakajima,  
1944  
 Guam, geologic names--Endo,  
1949d
- Geologic map--Ohmura, 1943  
 Geologic names, Aguijan--Endo,  
1949b  
 Geologic names, Fais--Endo, 1949a  
 Geologic names, Guam--Endo, 1949d  
 Geologic names, Kusaie--Endo,  
1949a  
 Geologic names, Pagan--Endo,  
1949d  
 Geologic names, Palau--Endo,  
1949a  
 Geologic names, Ponape--Endo,  
1949a  
 Geologic names, Rota--Endo, 1949d  
 Geologic names, Saipan--Endo,  
1949c  
 Geologic names, Tinian--Endo,  
1949b  
 Geologic names, Truk--Endo,  
1949a  
 Geologic names, Yap--Endo, 1949a  
 Geologic survey Publications,  
Japan--Mitsuchi, 1952  
 Geology--Otsuka, 1941  
 Geology--Tayama, 1937b, 1938b,  
1939c  
 Geology, Iwo Jima--Tsuya, 1936
- Iwo Jima, earth temperature--  
Toyoshima, 1932  
 Iwo Jima, geology--Tsuya,  
1936  
 Iwo Jima, vegetation--  
Toyoshima, 1934  
 Japan, benthic--Miyaji et al.,  
1945  
 Japan, Ozegahara Moor, animal  
ecology--Kitagawa et al.,  
1954  
 Japan, Suruga Bay, mollusks--  
Oyama, 1943  
 Japan, Tokyo Bay--Yabe, 1951
- Kagoshima Bay, benthic--  
Miyaji and Masui, 1942  
 Kayangel Atoll--Abe, 1940  
 Kisan Island, flora--Masamune,  
1935  
 Kuop, coral reefs--Omukai,  
1942  
 Kusaie, fishing--Fushida, 1936  
 Kusaie, geologic names--Endo,  
1949a

- Kusaie, geological survey--  
    Iwao, 1941
- Kusaie, megalithic structures--  
    Yawata, 1932
- Kusaie, phytophysiognomy--  
    Hosokawa, 1934b
- Lake Ngardok, Palau--Hada, 1932
- Limestone--Asano, 1939
- Manganese nodule, Ryukyu--  
    Kamematsu, 1936
- Mangrove plants, eastern Asia--  
    Ogura, 1941
- Mangroves, South Seas--Ogura,  
    1940
- Marcus Is., plants--Yabe, 1902
- Mariana Is., bat guano--Kanamori,  
    1906
- Mariana Is., plants--Tuyama, 1938
- Mariana Is., plants, trees--  
    Kaneheia, 1934
- Marine chemistry--Miyake, 1942
- Marshall Islands, coral reefs--  
    Tayama, 1934b
- Marshall Is., fishing--Anon.,  
    1923-25
- Marshall Is., fishing--Saito,  
    1937
- Marshall Is., fishing--Watanabe,  
    1939, 1940a, 1940b
- Marshall Is., fishing, tuna--  
    Ikebe, 1941b
- Marshall Is., plants--Koidzumi,  
    1917b
- Marshall Is., plants--Okabe,  
    1941a, 1941d
- Medicinal plants--Kawagoe, 1917
- Medicinal plants, Palau--Okabe,  
    1940, 1941b, 1943
- Megalithic structures, Ponape  
    and Kusaie--Yawata, 1932
- Microbiology, Saipan--Adate,  
    1941a, 1942a, 1942b
- Microbiology, Tinian--Adate,  
    1941b, 1942a, 1942b
- Mineral resources--Shiboi, 1946
- Mining, South Sea Islands--  
    South Sea Govt, 1937b
- Mollusks--Miyake, 1952
- Mollusks--Onoyama, 1935a
- Mollusks--Oyama, 1944
- Mollusks--Ozaki et al., 1951
- Mollusks--Taki and Otuka, 1942
- Mollusks, Matsushima Bay--Nomura,  
    1932
- Mollusks, Mutsu Bay--Nomura and  
    Hatai, 1932
- Mollusks, Palau--Hiro, 1936
- Mollusks, Palau--Motoda, 1938
- Mollusks, Palau--Wada, 1942a
- Mollusks, rock boring--Niino,  
    1936
- Mollusks, Suruga Bay--Oyama, 1943
- Mushroom, cultivated--Imai and  
    Aizawa, 1942
- Mushrooms, South Seas--Haneda,  
    1939, 1942
- Nichel ore, Yap--Mitsubishi, 1941,  
    1947
- Nichel ore, Yap--Shiboi, 1941
- Noncalcareous rocks--Yoshii, 1936
- Northern Marianas, coral reefs--  
    Tayama, 1936a
- Obama Bay, Japan--Habe et al.,  
    1945
- Ocean currents, Palau--Hada, 1943
- Oceanographic investigations,  
    Palau--Shiraishi, 1937
- Oysters, Palau--Wada, 1942a
- Pagan, geologic names--Endo,  
    1949d
- Pagan, plants--Hosokawa, 1934a
- Palau, bauxite--Mitsui, n.d.
- Palau, bauxite--Sugiyama, 1943
- Palau, coal--Tayama and  
    Shimakura, 1937

- Palau, coral reefs--Eguchi, 1935  
 Palau, coral reefs--Tayama, 1935b  
 Palau, fauna names--Egabi and Murakami, 1939  
 Palau, fishes--Aoyagi, 1941  
 Palau, fishing--Anon., 1937  
 Palau, fishing--Inanami, 1941  
 Palau, fishing--Marukawa, 1939b  
 Palau, fishing--Misami, 1942  
 Palau, fishing--Tahanashi, 1937, 1938  
 Palau, fishing, skipjack gonads--Matsui, 1942  
 Palau, Foraminifera--Hada, 1943  
 Palau, freshwater--Kato, 1939, 1941  
 Palau, Garamodo Bay--Motoda, 1939a  
 Palau, geologic names--Endo, 1949a  
 Palau, geology--Sato, 1941  
 Palau, geology and ore--Tayama, 1939a  
 Palau, Iwayama Bay--Hiro, 1938  
 Palau, Lake Ngardok--Hada, 1932  
 Palau, limestone islands--Hiro, 1939  
 Palau, medicinal plants--Okabe, 1940b, 1941b, 1943  
 Palau, mollusks--Hiro, 1936  
 Palau, mollusks--Motoda, 1938  
 Palau, ocean currents--Hada, 1943  
 Palau, oceanographic investigations--Shiraishi, 1937  
 Palau, oysters--Wada, 1942a  
 Palau, plants, palms--Tuyama, 1941c  
 Palau, plants, taro--Sugiura, 1942  
 Palau, plankton--Motoda, 1941  
 Palau, planton--Tokioka, 1942  
 Palau, sand casting--Takahashi, 1940  
 Palau, taro culture--Sugiura, 1942  
 Palau, Tobi, breadfruit kite--Uehara, 1941  
 Palau, Tobi and Sonsoral--Motoda, 1939b  
 Palau, Tridacnidae--Wada, 1942b
- Palau, tuna--Anon., 1941  
 Palau, useful mollusks--Motoda, 1938  
 Philippines, calcareous algae--Ishijima, 1943  
 Phosphate deposits--Tayama, 1942b  
 Phytogeography--Koidzumi, 1933  
 Phytogeography, Truk--Hosokawa, 1937b  
 Phytophysiognomy, Kusaie--Hosokawa, 1934b  
 Plankton, Palau--Tokioka, 1942  
 Plankton, Palau--Motoda, 1941  
 Plants--Ito, 1938, 1941  
 Plants--Kanehira, 1933a, 1933b, 1933c, 1935, 1937  
 Plants--Suematsu, 1941  
 Plants--Yamaguchi, 1939  
 Plants, *Casuarina*, Pagan--Hosokawa, 1934a  
 Plants, coral islands--Kawaguchi, 1942  
 Plants, distribution--Tuyama, 1939a, 1940a, 1940b  
 Plants, distribution--Hatusima, 1940  
 Plants, forests--Okabe, 1941c  
 Plants, fossil--Endo, 1955  
 Plants, Marcus Is. --Yabe, 1902  
 Plants, Mariana Is. --Kanehira, 1934  
 Plants, Mariana Is. --Tuyama, 1938  
 Plants, Marshall Is. --Koidzumi, 1917b  
 Plants, Marshall Is. --Okabe, 1941a, 1941d  
 Plants, medicinal--Kawagoe, 1917  
 Plants, medicinal, Palau--Okabe, 1940b, 1941b, 1943  
 Plants, names--Yoshino, 1940  
 Plants, nipa, Taiwan--Hosokawa, 1935a  
 Plants, orchids--Tuyama, 1939b, 1940c, 1940d, 1941a, 1941b  
 Plants, Palau--Koidzumi, 1917a  
 Plants, palms, Palau--Tuyama, 1941c  
 Plants, Ryukyu--Takeda, 1957

- Plants, South Seas--Kanehira,  
1931a, 1931b Siganus, poison spines--  
Ameniya, 1921
- Plants, South Seas--Kawagoe, 1918 Saipan, coral reefs--Tayama,  
Plants, South Seas--Watase, 1951 1938a
- Plants, taro, Palau--Sugiura,  
1942 Saipan, geologic names--Endo,  
1949c
- Plants, topography and geology--  
Masamone, 1932 Saipan, geology--Tayama, 1937a
- Plants, Truk--Hosohawa, 1937a Saipan, groundwater--Tayama,  
1939d
- Plants, Truk--Ito, 1941 Saipan, fishing--Marukawa, 1939b
- Plants, Truk--Okabe, 1942 Saipan, fossils--Asano, 1939
- Plants, vernacular names--  
Yoshino, 1940 Saipan, microbiology--Adati,  
1941a, 1942a, 1942b
- Poisonous fish--Hiyama, 1943 Saipan, poison fish--Yasukawa,  
1934
- Poisonous fish--Suchiro, 1948
- Poisonous fish--Watanabe, 1946 Saipan, skipjack bait--Ikebe  
and Takeshi, 1938
- Poisonous fish and plants--  
Kumoda, 1940 Saipan, sugar cane--Yamada and  
Furusato, 1942
- Poisonous fish, Saipan--Yasukawa,  
Poisonous fish, Siganus--  
Amemiya, 1921 Sand casting, Palau--Takahashi,  
1940
- Ponape, fishing--Anon., 1937 Soils, South Sea Islands--Miyake  
and Tamachi, 1942
- Ponape, fishing--Fushida, 1935a Submarine topography, South  
Seas--Tayama, 1935a
- Ponape, general--Iwao, 1941 Sugar cane--Nishiyama et al.,  
1942
- Ponape, geologic names--Endo,  
1949a Sugar cane--  
Nishiyama, 1947
- Ponape, geological survey--Iwao,  
1941 Sugar cane, Saipan--Yamada and  
Furusato, 1942
- Ponape, megalithic structures--  
Yawata, 1932
- Ponape, vegetation--Hosokawa,  
1935b
- Taiwan, coral reefs--Hanzawa,  
1931
- Rocks, South Sea Is. --Yoshii,  
1935 Terraces--Tada, 1926
- Rota, coral reefs--Sugawara,  
1934 Tinian, coral reefs--Tayama,  
1936c
- Rota, geologic names--Endo,  
1949d Tinian, geologic names--Endo,  
1949b
- Rota, geology--Sugawara, 1940-41 Tinian, geology--Tayama, 1937c
- Rota, geomorphology--Tayama, 1935c Tinian, groundwater--Kodaira,  
1940-41
- Ryukyu, earthquakes--Musya, 1951 Tinian, groundwater--Nakajima,  
1944-45
- Ryukyu, manganese, nodule--  
Kanematsu, 1936 Tinian, microbiology--Adati,  
1941b, 1942a, 1942b
- Ryukyu, plants--Takeda, 1957
- Ryukyu, vernacular plant names--  
Masamune, 1929 Tinian, well drilling--Kobayashi,  
1937

- Tokyo Bay, corals--Eguchi, 1936  
 Toyama Bay, corals--Eguchi, 1939  
 Trees and shrubs--Kaneshira,  
     1933b, 1933c  
 Tridacnidae, Palau--Wada, 1942b  
 Truk, coral reefs--Omukai, 1942  
 Truk, coral reefs--Tayama, 1940  
 Truk, fishing--South Seas Govt.,  
     1937a  
 Truk, geologic names--Endo,  
     1949a  
 Truk, phytogeography--Hosohawa,  
     1937a, 1937b  
 Truk, plants--Hosohawa, 1937a  
 Truk, plants--Ito, 1941  
 Truk, plants--Okabe, 1942  
 Tuna, Palau--Anon., 1941, 1942  
 Tuna, Southern--Ban, 1941
- Weather data, Yap--Yap Is., 1938  
 Well drilling, Tinian--  
     Kobayashi, 1937  
 Woleai, skipjack--Matsumoto,  
     1937
- Yap, coral reef--Sugiyama, 1942  
 Yap, coral reef--Tayama, 1935b  
 Yap, geologic names--Endo,  
     1949a  
 Yap, geology--Tayama, 1936d  
 Yap, medicinal plants--Okabe,  
     1943  
 Yap, nichel ore--Mitsubishi,  
     1941, 1947  
 Yap, nichel ore--Shiboi, 1941  
 Yap, skipjack--South Seas Govt.,  
     1941b  
 Yap, skipjack fishing--Ikebe  
     and Takeshi, 1937  
 Yap, weather data--Yap Is.,  
     1938  
 Yap, Woleai, skipjack--  
     Matsumoto, 1937  
 Yap, Woleai, tuna--Hosegawa,  
     1937
- Vernacular plant names, Ryukyu--  
     Masamune, 1929  
 Volcanic rock, Chichi Jima--  
     Suzuki, 1885  
 Volcanoes, Japan--Musya, 1952,  
     1947
- Zonal notches--Hiro, 1939