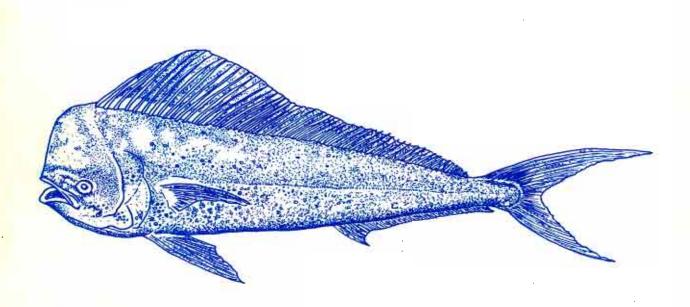
## Western Samoa Fisheries Bibliography



# FAO/UNDP Regional Fishery Support Programme

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**Robert Gillett and Tanielu Sua** 

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#### Introduction

In April 1987 the FAO/UNDP Regional Fishery Support Programme received a request from the Government of Western Samoa for assistance in compiling a bibliography of material relating to Samoa's fisheries and marine resources. After discussions between the staff of the two organizations it was decided that the compilation of references in Apia should take place in mid-June by personnel of both the Fisheries Division and the regional fishery programme.

In Apia between June 8 and 19 twenty four offices and libraries were searched for both published and un-published references appropriate for the bibliography. At the completion of each working day a list of material located on that date was presented to the Fisheries Division staff. References of particular interest were noted, photocopied the following day, and then placed in the Fisheries Division library.

In addition to the manual searches in Western Samoa, an effort was made to locate material outside the country. Libraries and collection were examined at the South Pacific Commission, Forum Fisheries Agency, University of the South Pacific, FAO/UNDP Regional Fishery Support Programme, and several offices in American Samoa. Four computerized litcrature searches were carried out and enquiries were made at major Pacific rim libraries. In addition, 15 expatriate workers who had previously worked in the Fisheries Division were contacted.

The above work resulted in a list of 540 references which are arranged in this document by author and by subject. As the objective of this project was to produce a document useful as possible to fisheries workers in Western Samoa, a "user- friendly" bibliographic style was adopted.

It is strongly recommended that Fisheries Division personnel periodically update this document.

The authors wish to acknowledge the support and encouragement of the staff of the Fisheries Division. Vito Lui of the Prime Minister's Office and Da vid Itano of the American Samoa Department of Marine Resources were also very helpful.

#### **Location of References**

At the end of each bibliographic entry in this document an acronym is given indicating where the material was found. These abbreviations correspond to the following locations:

Fisheries Division	Abbreviation
Laboratory B Library Conference Room Files Office of Fisheries Officer Office of Marine Biologist Office of Fisheries Adviser Office of Chief	Fish Lab Fish Lib Fish Conf Fish Files Fish Savali Fish Bell Fish McCoy
Fisheries Officer	Fish Faasili
Nelson Library	Nelson Lib
Department of Agriculture, Forests and Fisheries	Agri Lib
Department of Economic Development	Econ Lib
United Nations Development Programme Library, Apia	UNDP Lib
Food And Agriculture Organization Library, Apia	FAO Lib
Japan International Cooperation Agency, Apia Office Files	JICA File
University of the South Pacific, Alafua Campus Library	Alafua Lib
Rural Development Division	Rural Dev
statistics Department, Computer Room	Stats Com
Education Department, Curriculum Development Unit	CDU Malifa
Health Department Health Library Health Information Centre Nutrition Centre	Health Lib Health Info Health Nut
Prime Minister's Office Office of Deputy Secretary to Government Closed Economic Development Department Files	Prime vito Prime File
Attorney General's Office	Att Gen

#### Locations outside Western Samoa:

American Samoa Office of Marine Resources, Biology section	Amsam Bio
American Samoa Coastal Zone Management Program	
FAO/UNDP Regional Fishery Support Programme, Suva	Amsam CZMP
	FAO/SP
South Pacific Commission, Noumea Main Library Tuna Programme Library Tuna Programme Files Office of Fisheries Adviser Office of Assistant Fisheries Officer Environment Programme	SPC Lib Tuna Lib Tuna File SPC smith SPC Preston SPC Wendt
University oftheSouthPacific, Laucala Campus, Suva Library Institute of Marine Resources	USP Lib IMR
Committee for Co-ordination of Joint Prospecting for Mineral Resources in South Pacific Offshore Areas(CCOP/SOPAC)	CCOP
Forum Fisheries Agency	FFA
University of California	Univ Cal

### Western Samoa Fisheries Bibliography

#### **Referneces Listed by Author**

AECOS (1980). American Samoa coral reef inventory. U.S. Army Corps of Engineers, Pacific Ocean Division, Volumes 1 and 2, 314 and 41 pages, (Amsam CZMP).

AECOS (1982). Small business opportunities related to tuna fishing and processing in American Samoa. [contains 11 pages on alia economics], Small Business Center, University of Hawaii, 21 pages plus appendices, (Amsam CZMP).

AECOS (1983). Central and Western Pacific regional fisheries development plan, volume 4. [Table 7.4 on alia economics], Pacific Basin Development Council, project no. 81-ABH-00017, National arine Fisheries Grant, Honolulu, (Amsam CZMP).

Afamasaga, R. (1983). Samoa mussels are bulging. Pacific Magazine, September/October 1983, 1 page, (Fish Bell).

Albert, J. (1983). Detailed outline of talk presented to Natura Society of Western Samoa on 18 August. [lagoon resources and their exploitation], 6 pages plus appendices, (Fish Lab).

American Tunaboat Association (1984). The distribution of effort, sets, catch of tunas, by species, by one-degree area, during 1984 for vessels operating under the agreement between the governments of New Zealand (in respect to Tokelau)., Niue, Tuvalu, and Western Samoa and the American Tunaboat Association. Statistical Report No. 1984-1, 6 pages, (Fish File).

American Tunaboat Association (1984). The distribution of effort, sets, catch of tunas, by species, by one-degree area, during 1984 for vessels operating under the agreement between the governments of New Zealand (in respect to Tokelau)., Niue, Tuvalu, and Western Samoa and the American Tunaboat Association. Statistical Report No. 1984-2, 8 pages, (Fish File).

Anell,B. (1955). Contribution to the history of fishing in the southern seas. Studia Ethnographica Upsaliensia IX, 249 pages, (FAO/SP).

Anon (1969). Report of the UNDP/FAO Tuna Mission to the South Pacific. Annex 6, 15 pages and 4 appendices, (SPC Library D639.2758).

Anon (1970). Western Samoa - Village Fisheries Association operational report no. 1. Working Paper 11a, Fourth Technical Meeting on Fisheries, South Pacific Commission, Noumea, 6 pages, (SPC Lib 639.2028SPC).

Anon (1970). Western Samoa - Village Fisheries Association operational report no. 2. Working Paper 11b, Fourth Technical Meeting on Fisheries, South Pacific Commission, Noumea, 4 pages, (SPC Lib 639.2028SPC).

Anon (1970). Skipjack tuna survey: preliminary report U.S. research vessel "Charles H. Gilbert", 3 pages plus appendix, (tuna and bait fishing, Fish Lab).

Anon (1972). Government of Western Samoa progress in fisheries 1970-1972 and anticipated future developments. Territorial Report,(3).,5th Technical Meeting on Fisheries, South Pacific Commission,Noumea, pages 1-2, (FAO/SP).

Anon (1972). Annual report on project under execution, [fisheries projects in Western Samoa during 1971-1972], 15 pages plus appendices, (Fish File).

Anon (1973). Fisheries Division - objectives, worktasks, and organization. Pages 1-8 plus appendix, (FAO/SP).

Anon (1972?). Foreign fishing in Western Samoa, 3 pages, (Prime File).

Anon (1975). Cruise report: Townsend Cromwell cruise 79-04 (TC-85). Southwest Fisheries Center, U.S. National Marine Fisheries Service, pages 1-18, (SPC Tuna Lib).

Anon (1976). Village Fisheries Development Project TF-WES 6 (DEN). report 1 December 1975 to 15 November 1976. 8 pages plus photos, (FAO/SP).

Anon (1977). Report of a survey by the French R/V Coriolis in Western Samoa waters. [deep water shrimp], (cited in King 1980).

Anon (1977). Fishing units at Savaii. [listing of 60 fishing craft], 1 page, (Fish File).

Anon (1977). Village fisheries development in Western Samoa. SPC Fisheries Newsletter, No. 15, South Pacific Commission, Noumea, (Fish Lib).

Anon (1978). Technology applied in fisheries development in Western Samoa. 2 pages plus appendices, (Fish File).

Anon (1979). Tripartite review report on SAM/77/001 - baitfish culture. 3 pages, (FAO/SP).

Anon (1980). Salani human development project. 35 pages [pages 7-8 on fishing industry], (FAO/SP).

Anon (1980). Vaitoloa baitfish project; manual of operation and maintenance. [in English and Samoan], 9 pages plus appendices, (Fish Lab).

Anon (1981). Expert committee on ciguatera, Suva, Fiji, 26 February, 1981, report. South Pacific Commission, Noumea, 26 pages, (SPC Lib).

Anon (1981). Report on the inshore and nearshore resources training workshop, Suva, Fiji,13-17 July 1981. University of the South Pacific, [pages 70-71 on Western Samoa], (Fish Lab).

Anon (1982). Report to substantiate aid for Lands and Survey Department to create an exclusive economic zone for Western Samoa. 4 pages, (Fish File).

Anon (1983). Gill netting trials carried out in Western Samoa. Fisheries Newsletter No. 25, South Pacific Commission, Noumea, pages 6-7, (SPC Lib).

Anon (1983?). Palolo risings 1977-1982. 1 page, (Fish File).

Anon (1984). High-fliers of Pacific Flying Fish cause a stir in Apia. 2 pages, (SPC Smith: Western Samoa file).

Anon (1985). Patrol boat base Western Samoa site selection study. Report No. CE 85/10).,Department of Housing and Construction and Department of Defense, 23 pages plus appendices, (Fish Lab).

Anon (1985). Report on trial fishing at Pasco Bank. [results of 2 days of fishing by the Australian hydrographic ship "Cape Pillar"], 2 pages, (Fish File).

Anon (undated, 1972?). Foreign fishing in Western Samoa. 3 pages, (Prime file).

Anon (undated). Coral reefs Pacific Ocean. Regional Seas, United Nations Environment Programme, Directories and Bibliographies, [pages 423-425 on Western Samoa], (Fish Lab).

Anon (undated). Selling live fish. [information about the export of ornamental fish from Western Samoa], 4 pages, (Fish File).

Anon (undated). Boatcraft profitability statement from 1978 projected to 1981. Pages 1-5, (FAO/SP).

Anon (undated, 1983?). Palolo risings 1977-1982. 1 page, (Fish File).

Anon (undated). By-laws of the Boatcraft Co-operative Society Incorporated. Pages 1-12, (FAO/SP).

Anon (undated). How much fish need to be caught to make profit? [alia catamaran economics], pages 1-2, (FAO/SP).

Anon (undated). Paper on the various activities initiated and carried out by the FAO/DANIDA Village Fisheries Development Project and how to continue these activities after FAO staff's departure in June 1980. Pages 1-4, (FAO/SP).

Anon (undated). Investigations into major upwelling of Tongan Trench in Western Samoan territorial waters. [report of observer on Japanese research vessel], 4 pages, (Fish Lab).

Anon (undated). Western Samoa turtle project. 3 pages, (Fish Lab).

Anon (undated). Status of agriculture and food production in Samoa. [contains information on fish production and fish imports], 19 pages, (Health Nut).

Anonymous (1936). A Samoan feast. Pacific Islands Monthly, January 1936, [stranding of 8 pilot whales at Faasaleleaga], 1 page, (Nelson Lib).

Anonymous (1978). The crown of thorns threatens Samoa's reefs. Pacific Islands Monthly, April 1978. 1 page, (Fish File).

Anonymous (1986). Four admitted with fish poisoning. Observer, 5 November 1986, 1 page, (Fish Bell).

AQUACOP (1978). Mission Samoa. [French report on visit of 6-8 August 1978 on aquaculture potential in Western Samoa], (cited in Bell 1984).

Asian Development Bank (1985). Western Samoa agriculture sector study: volume 1, recommended strategies and programs. [pages 11-12, 133-147, 230-239 on fisheries], (Fish Lab, FAO/SP).

Asian Development Bank (1985). Western Samoa agriculture sector study: volume 2, background and sector review. [Pages 94-102 on fisheries], (Fish Lab, FAO/SP).

Auapa'au,S. (1956). Fishing methods used by Samoans. Laufasi Ola, Volume 1, No. 3, pages 1-6, (cited in Pereira 1983).

Australian and New Zealand Civil Coastal Surveillance Assessment Team (1980). Civil coastal surveillance survey of Pacific Forum States 1980 - report prepared for the Government of Western Samoa. 40 pages plus appendices, (Fish Lab).

Ayabe, H. (1976). Progress report no. 1. [fishing gear methods: net fishing at Fagaloa Bay, Solosolo Bay, Laulii Village, in Japanese], 5 pages, (JICA File).

Ayabe, H. (1977). Progress reports no. 2 and 3, [results August to December using longline, bottom longline, pole-and-line, gill net, trap net, in Japanese], 8 pages, (JICA File).

Ayabe, H. and Machimura,K. (1977). JOCV project in the Fisheries Division. [includes results of longline, trammel net, bottom longline, horse mackerel fishing, trap net, and beach seine, in Japanese], 5 pages, (JICA File).

Bagnis, R. (1976). Fish poisoning in Tonga, Niue, Western Samoa, and American Samoa. South Pacific Commission, Noumea, (Nelson Lib R597 Bag, Health Lib).

Bagnis, R. (1976). Fish poisoning in Tonga, Niue, Western Samoa and American Samoa. South Pacific Commission Noumea, 27pages,1103,

Balazs, G. (1977). South Pacific Commission Turtle Project: A constructive review and evaluation with recommendations for future action. South Pacific Commission, Noumea, [pages 22-25 on Western Samoa], (FAO/SP).

Balazs, G. (1979). Status of turtles in the central Pacific Ocean. [3 pages on Western Samoa], Working paper at World Conference on Sea Turtle Conservation, 31 pages, (SPC Smith: turtle box).

Banner, A. (1971). Proposal and plan for a turtle ranch at Aleipata to determine the feasibility of developing an export industry for hawksbill turtles. Pages 1-4, (cited in Balazs 1977).

Banner, D. (1966). Contribution to the knowledge of the Alpheid shrimp of the Pacific Ocean - Part X - Collections from Fiji, Tonga, and Samoa. Pacific Science, Volume 20, 2, pages 145-188, (cited in Pereira 1983).

Barker, J. (1982). Incentives, income, and institutions: an inquiry into fisheries development in Western Samoa. University of California thesis, (Univ Cal GN671.S2 B37 Spec Coll: Thesis Coll).

Becke, G. (1901). The tanifa of Samoa. Chambers Journal, Volume 78, pages 343-345. (cited in Pereira 1983).

Behan, R. (1972). Ecology: the sea. [marine education text for Samoan students incorporating local names], volume 1 & 2, Department of Education, Government of American Samoa, 103 & 58 pages, (Amsam Bio).

Bell, L. (1984). Aquaculture: a potential for development for Western Samoa. Department of Agriculture, Forests and Fisheries, Apia, 25 pages, (Fish Lab).

Bell, L. (1984). Marine pollution in Western Samoa. South Pacific Regional Environment Programme Workshop on Marine Pollution Prevention, Control and Response, Suva, November 1984, 3 pages, (Fish File).

Bell, L. (1984). Mussel spatfall survey in Asau Bay. Pages 1-4, (Fish File, FAO/SP).

Bell, L. (1985). Aquaculture of bivalves in the Pacific islands. 18 pages plus diagrams, (Fish Bell).

Bell, L. (1985). Aquaculture of fresh water mollies, grass carp, trout, and catfish in the South Pacific. 14 pages, (Fish Bell).

Bell, L. (1985). Case study: coastal zone management in Western Samoa. <u>In</u>: Report of the Third South Pacific National Parks and Reserves Conference, Apia, Western Samoa, volume 2, pages 57-73, South Pacific Commission, Noumea, (Fish Bell).

Bell, L. (1985). Mussel (Perna viridis). trials in Fagaloa. 2 pages, (Fish Bell).

Bell, L. (1985). Preliminary survey results of Mr. Tipi's land for small fish farm. 3 pages 3, (Fish Bell).

Bell, L. (1985). Training on mussel propagation in Tahiti 26 Aug. - 13 Sept. 1985. Fisheries Division, Western Samoa, pages 1-6, (Fish Lab, FAO/SP).

Bell, L. (1985). Utilization of the wet laboratory. 2 pages, (Fish File).

Bell, L. (1986). Fa'ateleina o le atina'e maso. [mussel culture], Laufasi Ola, volume 30, no. 1, pages 6-7, (Agri Lib).

Bell, L. (1987). Exotic tropicals of Samoa. [report of the export of live marine fish from Western Samoa], 5 pages, (Fish Bell, Fish File).

Bell. L. (MS). Fish poisoing occurrences in Western Samoa. [reports 1985-1987], 2 pages, (Fish Bell).

Bell,L. and Albert,J. (1983). Progress report on the green mussel culture project in Western Samoa, April 1983. SPC Fisheries Newsletter No. 25, April - June 1983,South Pacific Commission,Noumea, pages 24-26, (FAO/SP).

Bell,L. and Albert,J. (1984). First harvest results from the green mussel culture project in Western Samoa. SPC Fisheries Newsletter No. 29, April - June 1984, South Pacific Commission, Noumea, pages 24-26, (FAO/SP).

Bell, L. Albert, J. and Schuster, J. (1983). Techniques, operation and production of the prawn (Macrobrachium rosenbergii). hatchery of Western Samoa. Fisheries Division, 31 pages, (Fish Lab).

Bell,L. Albert,J. and Schuster,J. (1983). Update report on the green mussel culture project in Western Samoa. SPC Fisheries Newsletter No. 26, July - September 1983, South Pacific Commission, Noumea, pages 24-28, (Fish Lib, FAO/SP).

Boy, R. and Smith, B. (1984). Design improvements to fish aggregating device (FAD). mooring systems in general use in Pacific Island countries. Handbook No. 24 (1984)., South Pacific Commission, Noumea, [pages 59-61 on Western Samoa FADs], (SPC Lib).

Bremen Bremerhaven (1984). Container park study Apia Harbour. United Nations Conference on Trade and Development, 59 pages plus plans, (Econ Lib, UNDP Lib).

British Admiralty (1964). Samoa or Navigator Islands. [nautical chart, including plans for Satuipaitea, Falealupo, Salailua, Fagalii, Vailele, Falefa, Uafato, Sili, and Faleasau], Chart No. BA 1730, (Fish McCoy, FAO/SP).

British Admiralty (1976). Fiji Islands to Samoa Islands. [nautical chart], Chart No. BA 1829, (FAO/SP).

British Admiralty (1978). Plans in Samoa. [nautical chart], Chart No. BA 1339, (Fish McCoy).

British Admiralty (1978). Apia Harbor. [nautical chart], Chart No. BA 2211, (cited in catalog).

Brown, I. (1981). Evaluation of the deep sea fisheries development project - report to the secretariat. South Pacific, Noumea. [section on Western Samoa], pages 1-19, (FAO/SP).

Bureau of Commercial Fisheries (1970). Narrative report, Charles H. Gilbert, cruise 117. [tuna and bait fishing], 10 pages, (SPC Tuna Lib).

Burrows, W. (1945). Periodic spawning of "Palolo" worms in Pacific waters. Nature, London, volume 155, pages 47-48, (cited in Caspers 1984).

Burrows, W. "Palolo", notes on the periodic appearance of the annelid worm <u>Eunice viridis</u> (Gray). in the southwest Pacific. Journal of the Polynesian Society, volume 64, no. 1, pages 137-154, (cited in Caspers 1984).

Caspers, H. (1961). Beobachtungen uber Lebensraum and Schwarm periodizitat des Palolo wurms, <u>Eunice viridis</u> (polychaeta, Eunicidae). Int. Revue Ges. Hydrobiol, volume 46, pages 175-183, (cited in Johannes 1981).

Caspers, H. (1984). Spawning periodicity and habitat of the palolo worm <u>Eunice viridis</u> ( Polychaete: Eunicidae). in the Samoan Islands. Marine Biology, volume 79, pages 229-236, (Fish File).

Caspers, H. (1984). Tulafono po o taiala e ataata mai i faamaumauga a saenisi e faatatau i le ae o le palolo. [guide to prediction of palolo spawning, translated by L. Bell, 1986], 2 pages, (Fish Bell).

CCOP/SOPAC (1985). Coastal process mapping workshop June 13-20, Apia, Instructors report, NR/CCOP/SOPAC(14). CR. 26-1(1), 2 pages, (Fish Lib).

Chakroff, M. and DuBois, R. (1981). Marine fisheries case studies.[problems and successes of marine fisheries projects, Western Samoa is one of 5 countries examined], Case Study Peace Corps, No. 1, Washington, 122 pages.

Chambers, J and Nunes, W. (1975). The spiny lobster in American Samoa. California Polytechnic State University, San Luis Obispo, 25 pages, (Amsam Bio).

Chew, W. (1986). Aleipata Marine National Park, Western Samoa - a feasibility report. 35 pages plus annexes, (Fish Lib).

Churchill, I. (1898). Shooting the Apolima Passage. Forest and Stream, Dec 31, New York, (cited in Holmes 1984).

Churchill, I. (1899). Fishing the Mulivai-to. Forest and Stream, volume 53, July 22, New York, page 71, (cited in Holmes 1984).

Churchill, I. (1899). Crayfishing up the Vaivasa. Forest and Stream, volume 53, August 26, New York, page 162, (cited in Holmes 1984).

Churchill, I. (1900). The weed that catches fish. Forest and Stream, volume 55, September 1, New York, pages 162-163, (cited in Holmes 1984).

Churchill, I. (1900). Torches on the reef. Forest and Stream, volume 55, September 15, New York, pages 202-303, (cited in Holmes 1984).

Churchill, I. (1900). Fish shooting in Samoan seas. Forest and Stream, September 20, New York, (cited in Holmes 1984).

Churchill, I. (1900). South seas white bait. Forest and Stream, October 27, New York, page 331, (cited in Holmes 1984).

Churchill, I. (1901). Starving on trackless seas. Forest and Stream, October 5, New York, (cited in Holmes 1984).

Churchill, W. (1899). Samoan canoe craft. Outing, volume 35, pages 75-77, (cited in Johnson 1955).

Churchill, W. (1911). Beach la mar [sic]. Carnegie Institute, Washington, (cited in Johnson 1955).

Coppell, W. (1978). Catalogue of theses and dissertations relating to the Samoan Islands. Selected Bibliography No. 5, University of the South Pacific Library, Suva, 31 pages, (USP Lib Z 4891.C6).

Corney, B. (1922). Abstract of a paper on the periodicity of the swarming Palolo (Eunice <u>viridis</u> Gr.). Journal of the Torquay Natural History Society, volume 3, (cited in Caspers 1922).

Cox, P. (1979). The use of indigenous plants as fish poisons in Samoa. Economic Botany, volume 33, no. 4, pages 397-399, (cited in Pereira 1983).

Cremoux, J. (1980). Resultats des croisieres "Tropicales" du centre ORSTOM de Noumea (1967-1977). [information on chemical oceanography from cruises of research vessel "Coriolis", one cruise passed through Western Samoa zone], 5 pages, (SPC Tuna Lib).

Crossland, J. and Grandperrin, R. (1979). Fisheries directory of the South Pacific Commission Region. South Pacific Commission, Noumea, 47 pages, (Fish Lib, SPC Lib).

Curriculum Development Unit (1986). Environmental Education: Year 9, Teachers guide, 39 pages, [pages 22-24 on boat shapes], (CDU Malifa).

Cushman, J. (1924). Samoan foraminifera. Publication 324, Carnegie Institute, Washington, pages 1-75.

Dahl, A. (1971). Ecology and community structure of some tropical reef algae in Samoa. International Symposium on Seaweed Research, (cited in Pereira 1983).

Dahl, A. (1978). Report on assistance to Western Samoa with National Parks and Conservation. South Pacific Commission, Noumea, pages, (Fish Lib).

Dahl, A. and Lambert, A. (1977). Environmental impact on a Samoan coral reef: a re-survey of Mayor's 1917 transect. Pacific Science, volume 31, no. 3, pages 309-319, (cited in Pereira 1983).

Davidson, R. (1978). [information on crown of thorns starfish in Falelatai Lagoon], 1 page, (Fish Faasili).

Defense Mapping Agency Hydrographic Center (1976). Sailing direction for the Pacific Islands, Volume III. [chapter 7 on the Samoa Islands], Washington D.C., (FAO/SP, older version in Fish Lib).

Defense Mapping Agency Hydrographic Center (1976). Savai'i and Upolu (Western Samoa Islands). [nautical chart], Chart No. 83473, (Fish McCoy).

Defense Mapping Agency Hydrographic Center (1977). Harbors of Upolu. [nautical chart, Apia, Vailele, Falealili, and Aleipata], Chart No. 83476, (Fish Savali, McCoy).

Defense Mapping Agency Hydrographic Center (1978). Catalog of nautical charts, region 8. Washington, D.C., (FAO/SP).

Defense Mapping Agency Hydrographic Center (date unknown). Howland Island to Samoa Islands. [nautical chart], Chart No. 83010. (cited in Catalog of Nautical Charts).

Defense Mapping Agency Hydrographic Center (date unknown). Fiji Islands to Samoa. [nautical chart], Chart No. 83010, (cited in Catalog of Nautical Charts).

Demandt, E (1913). Die Fischerei der Samoaner. <u>In</u>: Eine Zusammenstellung der Bekanntesten Method des Fanges der Seetiere bei den Eingebornen. [compilation of the best known fishing methods of the Samoans], Mitteilungen aus dem Museum fur Volkerkunde Hamburg, volume 3, no. 1, pages 1-142, (cited in Wass 1984).

Demandt, E. (1914). Seefauna und Fischerei in Samoa. Mitt. Deutsch. Seefisch., volume 30, no. 3, pages 106-117.

Department of Agriculture, Forests, and Fisheries (1957). Annual report. (SPC Lib I/AR).

Department of Agriculture, Forests, and Fisheries (1961). Annual report for 1960. 35 pages plus appendices, [pages 30-31 on fisheries], (Nelson Lib R 630 9961 4 WES).

Department of Agriculture, Forests, and Fisheries (1973). Annual report for 1972. 85 pages plus appendices, [pages 51-56 on fisheries], (Fish Lab).

Department of Agriculture, Forests, and Fisheries (1983). Fisheries Division annual report, calendar year 1983. 5 pages, plus appendices, (Fish Lab).

Department of Agriculture, Forests, and Fisheries (1985). Annual report 1984. [Fisheries Division pages 36-49], (Fish Faasili, Econ Lib).

Department of Economic Development (1976). Prawn development project: request for foreign aid. 12 pages, (Fish Lab, SPC Smith: Western Samoa file).

Department of Economic Development (1976). Commercial fishing project: request for foreign aid. 9 pages, (Fish Lab).

Department of Economic Development (1976). Fisheries development in Western Samoa. 20 pages, (Fish Lab, Econ Lib).

Department of Economic Development (1976). Fisheries request for New Zealand Aid. 2 pages, (Econ Lib).

Department of Economic Development (1977). Review of the progress of development projects in the third five-year plan, January 1975 - March 1977. Government of Western Samoa, [pages 42-44 on fisheries], (Fish Lib).

Department of Economic Development (1978). The importation of fresh and frozen fish into Western Samoa. Apia, (cited in Pereira 1983).

Department of Economic Development (1979). Fourth micro projects programme. [Fisheries development; supply of locally made improved small fishing boats], 3 pages plus annexes, (Rural Dev).

Department of Economic Development (1979). Slipway Project, survey report. 4 pages, (Fish Files).

Department of Economic Development (1980). Alia fishing in Western Samoa - an analysis of the present situation. Pages 1-5, (FAO/SP).

Department of Economic Development (1984). Western Samoa's fifth development plan 1985-87. 176 pages [61-64 on fisheries], (Fish Lab).

Department of Health (1980). Towards a national nutrition policy. First National Workshop on Nutrition, Western Samoa, 10-14 November 1980, 131 pages, (Econ Lib).

Department of Health (1984). Annual Report, 1984. 75 pages, [page 43 gives average number of fish poisoning cases for the last 10 years], (Health Info).

Department of Lands and Survey (1976). Lake Lanotoo - a project to establish a national park in Western Samoa. Government of Western Samoa, 9 pages, (Agri Lib).

Department of Lands and Survey (1978). Western Samoa topographic map. [28 maps, 22 showing coastal and reef areas], NZMS174, (Fish Conf).

Department of Statistics (undated, 1979?). Fishery catch assessment survey 1978. Apia, (Fish Lab, FAO/SP).

Devaney, D. (1981). Identification of American Samoan freshwater crustaceans. Contract Report PODED-P-64-81, U.S. Army Corps of Engineers, Pacific Ocean Division.

Dyson, J. (1986). Assistance to Japanese trust fund mission. [boatbuilding], pages 1-11 plus appendices, (FAO/SP).

Eade, J. (1979). Solosolo Beach report. CCOP/SOPAC Cruise Report 2, 5 pages, (CCOP).

Eade, J. (1980). Review of precious coral in CCOP/SOPAC member countries. CCOP/SOPAC Technical Report 8, 12 pages, (CCOP).

Eckles, J (undated). Village fisheries report No. 3, Aiga I Le Tai DistrictPages 1-6, (Fish Lab, FAO/SP).

Emory, K., Bonk, W, and Sinoto, Y. (1959). Fishhooks. Special Publication 47, Bernice P. Bishop Museum, Honolulu, 77 pages, (USP Lib).

Enari, K. (1973). Fisheries development - a report of a meeting of August 1973. 3 pages, (Prime File).

Evermann, B. and Seale, A. (1923). Notes on fishes from Apia, Samoa. Copeia volume 119, pages 70-71, (cited in Wass 1984).

Western Samoa World Food Committee (1986). E taua ia ma figota mai lou gataifale, [notes on fished and shellifishes of Western Samoa and conservation measures of the marine environment]. 23 pages, (Fish Lib).

Faasili, U. (1974). Bonito fishing in Western Samoa. 35 pages.

Faasili, U. (1977). Annual survey for motorized fishing boats - Upolu Island 1977. 6 pages plus appendix, (Fish Fasili, Fish File).

Faasili, U. (1985). Japanese aided contributions to fisheries in Western Samoa. 5 pages, (Fish File).

Faasili, U. (1985). Annual report calendar year 1984. 19 pages, (Fish Faasili, FAO/SP).

Faasili, U. (1986). 1985 Fisheries annual report. 13 pages, (Fish Faasili, FAO/SP).

Faasili, U. (1986). Report on fisheries development and management in Western Samoa. Fisheries Division, 8 pages plus appendices, (Fish Faasili).

Faasili, U. (1987). 1986 Fisheries annual report. 11 pages, (FAO/SP).

Faasili, U. (1987). Proposed restruction of the Government Fish Market (GFM). 4 pages plus appendices, (Fish File).

Faasili,U. (undated). Demonstration team at Aleipata - final report. 3 pages plus appendix, (Fish Faasili).

Faasili, U. (undated). Demonstration team at Lefaga 4 pages, (Fish Faasili).

Faasili,U. (undated). Demonstration team at Lefaga - final report. 5 pages plus appendix, (Fish Faasili).

Fakahau, ST. and Shepard, MP. (1986). Fisheries research needs in the South Pacific. Forum Fisheries Agency and the Canadian International Centre for Ocean Development, 94 pages, (FFA).

Feldman, G. (1976). Report on the design and construction of a pilot scale baitfish culture facility for Western Samoa. Fisheries Division, Apia, 7 pages, (Fish Faasili, Fish Lib).

Fennessey, D. (undated). Village fisheries report no. 5 Lefaga District. Pages 1-4, (Fish Faasili, FAO/SP).

Finau, S. (1983). Pasco Bank, Western Samoa – Consultancy FAO/UNDP. Pages 1-3, (FAO/SP).

Fisheries Division (1976). Annual report 1975. Pages 1-8, (FAO/SP).

Fisheries Division (1977). Fish marketing scheme for Upolu. 6 pages, (Fish Lib, SPC Smith: Western Samoa file).

Fisheries Division (1983). Post-harvest losses of fish. Government of Western Samoa, pages 1-2, (FAO/SP).

Fisheries Division (1986). E taua ia ma figota mai lou gataifale. [poster with 36 fish], (Fish Lab).

Fisheries Division (1986). Samoan Fish. [poster with 36 fish], (Fish Lab).

Fisheries Division (1986). E taua ia ma figota mai lou gataifale. [poster with 37 invertebrates], (Fish Lab).

Fisheries Division (1986). Samoan shellfish. [poster with 37 invertebrates], (Fish Lab).

Fisheries Division (1987). A proposal for Apia fisheries harbour expansion. 6 pages, (Fish McCoy).

Fisheries Division (undated). Samoan turtles. 2 pages, (SPC Smith: Western Samoa file).

Fisheries Engineering Company (undated). New Fisheries complex in Western Samoa. [site plan], (Fish Faasili).

Flanigan, J. (1972). Venomous marine animals of Samoa. 56 pages, (Amsam Bio).

Flanigan, J. (1983). A handbook pertaining to a reef oriented natural history of the islands of American Samoa. American Samoa Community College, 46 pages, (Amsam Bio).

Floyd, J. (1986). The tuna industry in American Samoa; industry developments, current operations, future prospects. [includes employment of Western Samoans], 50 pages plus appendices, (Fish McCoy).

Food and Agriculture Organization (1974). FAO species identification sheets for fishery purposes, eastern Indian Ocean and western central Pacific. Volumes 1-4, 1-4, FAO, Rome, (Fish Lib, FAO /SP).

Food and Agriculture Organization (1978). Senior fisheries adviser interim report. FI:DP/ SAM/73/009, FAO, Rome, 29 pages, (Fish Lab).

Food and Agriculture Organization (1981). A report for the Village Fisheries Development Project, Samoa - project findings and recommendations. FAO/TFWES/6(DEN), FAO, Rome, 34 pages, plus appendices, (Fish Lab).

Food and Agriculture Organization (1984). Regional compendium of fisheries legislation (western Pacific region). Volumes 1 & 2, FAO, Rome, 971 pages, (Fish Lab, FAO/HQ).

Food and Agriculture Organization (1986). South Pacific women in Agriculture. Background Paper, Expert Consultation, Nukualofa, 24-26 November, 1986, 59 pages, [page 42 shows number of women involved in village fisheries in Western Samoa], (Rural Dev).

Food and Agriculture Organization (undated). FAO/DANIDA Village Fisheries Development Project - project findings and recommendations. 23 pages, (FAO/SP).

Forum Fisheries Agency (1982). Comparative summary of licensing legislation. Information Paper 14, The Harmonization and Co-ordination of Fisheries Regimes and Access Agreements, FFA, Honiara, 12 pages, (SPC Tuna Lib).

Forum Fisheries Agency (1986). The structure and role of the Fisheries Division in Western Samoa. FFA Report 86/2, Southpac Fisheries Consultants, 101 pages, (FFA, draft report by J. Crossland in Fish McCoy).

Fowler, H. (1925). Fishes of Guam, Hawaii, Samoa, and Tahiti. Bernice P. Bishop Museum Bulletin, volume 22, pages 1-38, (Alafua Lib, Amsam Bio).

Fowler, H. (1932). Fishes obtained at Samoa in 1929. Bernice P. Bishop Museum Occasional Paper, volume 9, number 18, pages 1-16, (Amsam Bio).

Fowler, H. and Silvester, C. (1922). A collection of fishes from Samoa. Carnegie Institute, Washington, Publication 312, pages 109-126, (Amsam Bio).

Freeman, R. (1987). Production accounts for the fishing industry. 10 pages, (Stats Com).

Friedlander, B. (1898). Notes on the Palolo. Journal of the Polynesian Society, volume 7, pages 44-46, (cited in Taylor 1965).

Fukumitsu, S. (1978). Period report no. 1. [basic information on Fisheries Division, in Japanese], 4 pages, (JICA File).

Fukumitsu, S. (1979). Period report no. 2. [fish marketing, in Japanese], (JICA File).

Fukumitsu, S. (1979). Period report no. 3. [problems with the food processing project, in Japanese], (JICA File).

Fukumitsu, S. (1979). Period report no. 4. [problems with the food processing project, in Japanese], (JICA File).

Fukumitsu, S. (1979). Period report no. 5. [visit to Pago Pago cannery, in Japanese], (JICA File).

Fukumitsu, S. (1980). Period report no. 6. [visit to Tonga fish processing facilities, in Japanese], (JICA File).

Fukumitsu, S. (1980). Final report. [problems of fish processing project, in Japanese], (JICA File).

Furuno Electric Company (undated). Tautai Samoa finished plan - radar, echosounder, SSB radio, SOS buoy, (Fish McCoy).

Fyson, J. (1971). Report on travel to Noumea, Fiji, Western Samoa, and American Samoa. [boats], SOP/REG/102, FAO, Rome, (cited in Pereira 1983).

Garlovsky, D. (1970). Teachers handbook to the fauna of Western Samoa: A vernacular listing. 119 pages, (Nelson Lib R591.996 14 Gar, Fish Conf).

Garlovsky, D. and Bergquist, A. (1970). Crown-of-thorns starfish in Western Samoa. South Pacific Bulletin, 3rd quarter 1970, South Pacific Commission, Noumea, pages 47-49, (Fish File, SPC Lib).

Gauss, G. (1980). Samoa offshore survey, 24 November, 3-6 December 1979. CCOP/SOPAC Cruise Report 34, 3 pages plus appendices, (CCOP).

Gauss, G. (1980). Samoa offshore survey, 24-28 November 1979. CCOP/SOPAC Cruise Report 35, 5 pages plus appendices, (CCOP).

Gauss, G. (1980). Samoa offshore survey, 6-24 December 1979. CCOP/SOPAC Cruise Report 35, 5 pages plus appendices, (CCOP).

Gauss, G (1981). Apia Harbour survey, Samoa, 19 January - 6 February 1981, 20-31 March 1981. CCOP/SOPAC Cruise Report 65, 6 pages plus appendices, (CCOP).

Gauss, G. (1982). Mulifanua and Salelologa Harbour surveys, Samoa, 7-31 March 1982. CCOP/ SOPAC Cruise Report 65, 6 pages plus appendices, (CCOP).

George, RW. (1972). South Pacific Islands - rock lobster resources. FAO, Rome, 42 pages, [Western Samoa pages 7-9], (SPC Lib D639.541, FAO/SP).

Gillett, R. and Taufao, S. (1985). The incidence of tuna schools suitable for purse seining in the central and western Pacific for Skipjack Programme records. Fisheries Newsletter No. 33, South Pacific Commission, Noumea, pages 13-15, (SPC Lib, FAO/SP).

Gillett, R. (1986). Names of tuna and tuna-like fish in Western Samoa. 1 page, (FAO/SP).

Gillett, R. (1987). Addresses useful to Pacific Islands fishery personnel. Document 87/3, FAO/ UNDP South Pacific Regional Fisheries Development Programme, Suva, 47 pages, (Fish McCoy, FAO/SP).

Gillett, R. (1987). Notes on the training of Western Samoa seamen for employment on Pago Pago based purse seiners. FAO/UNDP Regional Fishery Support Programme, Suva, 77 pages, (Fish Lib, FAO/SP).

Gillett, R and Sua, T. (1987). Western Samoa fisheries bibliography. Document 87/5, FAO/UNDP Regional Fishery Support Programme, Suva, 77 pages, (Fish Lib, FAO/SP).

Girardi, E. (1973). The genus ostodes (mollusca gastropoda). in Western Samoa. Ph.D. dissertation, Northwestern University, 161 pages, (cited in Coppell 1978).

Goo, F. and Banner, A. (1963). Samoan animal and plant names. Hawaii Marine Laboratory, University of Hawaii, Honolulu, [gives Samoan names of fishes], 67 pages, (Nelson Lib, Amsam Bio).

Gopalakrishnan, V. (1977). Expansion of pond culture facilities for the baitfish culture project, Western Samoa. Pages 1-11 [plus sketches], (Prime Files, FAO/SP).

Government of the Republic of China (1973). Development of a fishing industry in Western Samoa. 3 pages, (Prime File).

Government of Western Samoa (1971). The Fisheries Protection Act 1972. 4 pages, (Prime Vito).

Government of Western Samoa (1972). Fasimatea o i'a i fanai'a. [Samoan version of Fish Dynamiting Act 1972], 2 pages, (Prime File).

Government of Western Samoa (1972). Fish Dynamiting Act 1972. 2 pages, (Prime Vito).

Government of Western Samoa (1977). Exclusive Economic Act 1977. [in Samoan and English], 31 pages, (Fish Faasili, Prime Vito).

Government of Western Samoa (1979). Application (under section 13 of the Territorial Sea and Exclusive Economic Zone Act 1977) by the Government of Western Samoa for a total allowable fishing quota of 14,000 tons per annum from within New Zealand's exclusive economic zone. 7 pages, (Prime File).

Government of Western Samoa (1981). Western Samoa transportation study. [includes fisheries, sea transport, and proposed improvements to ports of Apia and Asau], 264 pages, (Econ Lib).

Grant, C. (1977). Report on initial visits to Fiji, Solomon Islands, Tonga, Samoa, Cook Islands, Gilbert Islands, Tuvalu, and the SPC. FAO Regional Project TF-RAS/53 (AUL), 2 pages, (SPC Lib D639.207209 GRA).

Grant, C. (1978). A review of the state of fisheries statistics and training courses in fishery statistics in the South Pacific region. [pages 7, 39-43, 45-47 on Western Samoa] FI:TF/ RAS //53 (AUL), FAO, Rome, (FAO/SP).

Grant, C. (1978). Report on training courses in fishery statistics in Tonga, Cook Islands, Western Samoa, Gilbert Islands and Tuvalu. FAO Regional Project TF-RAS/53/(AUL), 2 pages, (SPC Lib D639.207209 GRA).

Gray, J. (1847). An account of Palolo, sea worm eaten in the Navigator Islands. Proceedings of the Zoological Society of London, volume 15, pages 17-18, (cited in Caspers 1984).

Green, R. and Davidson, J. (1969). Archaeology in Western Samoa, Volume 1. Bulletin of the Auckland Institute and Museum, Auckland, [pages 244-245, 265 on fishing gear], (Nelson Lib R 913.9614 Gre).

Gudger, E.W. (1927). Wooden hooks used for catching sharks and <u>Ruvettus</u> in the south seas; a study of their variation and distribution. Anthropological Papers of the American Museum of Natural History, Vol XXVIII, New York, 149 pages, (SPC Lib).

Gulbrandsen, O. (1974). Report on 3 month commercial fishing trials with bonus system for crew on Fisheries Division boat, FD-2. Pages 1-4, (Fish Savali, FAO/SP).

Gulbrandsen, O. (1975). Boats for village fishery in Western Samoa. Working Paper 5, ICLARM-SPC Small Boat Workshop, Noumea, 7 pages, (Fish Lab, SPC Lib D639.2028 SPC).

Gulbrandsen, ). (1976). Some aspects of marine conservation in Western Samoa. Working Paper 16, 2 nd Regional Symposium on Conservation of Nature, Apia, 14-17 June 1976, Pages 1-6, (Fish Faasili, FAO/SP).

Gulbrandsen, O. (1977). Outer reef fishery in Western Samoa. Working Paper 25, 9th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-9 plus appendices, (FAO/SP).

Gulbrandsen,O. (1984). Ten years boat development in the South Pacific - What can we learn from it? Working Paper 14,16th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, (FAO/SP).

Gulbrandsen, O. (1986). Report on travel to Papua New Guinea, Solomon Islands, Kiribati, Fiji, Tonga, and Samoa. [boats, page 17 on Western Samoa], (FAO/SP).

Gulbrandsen, O. and Overa, A. (1977). Village fisheries development in Western Samoa. FAO/ DANIDA Village Fisheries Development Project TF/WES6/DEN, Field Report no. 2, pages 25-28, (Fish Lib).

Gulbrandsen, O. and Paulo, W. (undated, 1974?). Western Samoa local tuna fisheries project WES/70/006/12 - review and recommendations. [baitfishing, tuna pole-and-line fishing, longlining], 10 pages, (Prime File).

Gulbrandsen, O. and Overa, A. (1975?). Boats designed for a village fishery in Western Samoa. (FAO/SP).

Gulbrandsen, O. and Overa, A. (1978). The FAO/Danida Village Fisheries Development Project in Western Samoa. 10th Regional Technical Meeting on Fisheries, March 1978, South Pacific Commission, Noumea, 8 pages, (SPC Smith: Western Samoa file).

Gulbrandsen, O. and Savins, M. (1986). Notes on a visit to Western Samoa. [comments on boat construction], pages 1-2, (FAO/SP).

Gulbrandsen, O. and Savins, M. (1987). Artisanal fishing craft of the Pacific Islands. FAO/UNDP Regional Fishery Support Programme, 60 pages, (FAO/SP).

Gundermann, N. and Popper, D. (1983). Giant prawn hatchery in Western Samoa - experiments and procedures. Paper presented at the First Biennial Conference on Warm Water Aquaculture - Crustacea, Brigham Young University, Laie, Hawaii, (FAO/SP, draft report in Fish File).

Gupta, J. and Singh, S. (1976). O and M Study of the Agriculture, Forests and Fisheries Department, Government of Western Samoa. [general description of the Fisheries Division and recommendations for improvements], Commonwealth Secretariat,London. 199 pages, 14 appendices, [pages 84-98 on Fisheries Division], (Alafua Lib).

Haddon, A. and Hornell, J. (1957). The canoes of Oceania Volume I. Bernice P. Bishop Museum, Special Publication 28, Honolulu, (SPC Lib).

Halunen, A. (1978). Apia Harbour survey. CCOP/SOPAC Cruise Report 13, (CCOP).

Halunen, A. (1979). Western Samoa offshore survey, cruise 78-2. CCOP/SOPAC Cruise report 22, 7 pages, (CCOP).

Halunen, A. (1980). Samoa offshore survey, 8-13 January. CCOP/SOPAC Cruise report 40, 3 pages plus appendix, (CCOP).

Halunen, A., Winterstein, E. and Kammer, R. (1977). Western Samoa offshore survey (including transit Suva to Western Samoa), 20 July - 1 August 1977. CCOP/SOPAC Cruise Report 10, 4 pages plus appendices, (CCOP).

Hansen, A. (undated). Fishing activity - Aleipata, March – June. Pages 1-4, (Fish Lab, FAO/SP).

Hansen, A. and Stoops, A. (undated). Demonstration team at Fagaloa Bay. 3 pages, (Fish Faasili).

Hansen, A. (undated). Islands of Aleipata. [wildlife sanctuary, turtles], pages 1-2, (Fish Faasili; FAO/SP).

Harrison, G. (1974). The availability of foodstuffs and the effects of shortages on the continued development of Western Samoa. Department of Anthropology, Australian National University, Canberra, 63 pages, (Econ Lib).

Hashimoto, H. (1987). Fisheries center - operation of the emergency generator. JOCV , 10 pages, (Fish Bell).

Hashimoto, H. (1987). Fisheries center - operation of the sea water pump. JOCV , 6 pages, (Fish Bell).

Helm, N. (1986). A review of the reef and lagoon fishery statistics program. 2 pages, (Fish Lib).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support Programme Helm, N. (1986). Methods of conducting market survey of reef fish and invertebrates. 2 pages, (Fish Lib).

Helm, N. (1986). Market survey - reef and lagoon fish, progress report graphs, (Fish Lib).

Helm, N. (1986, 1987). Motorised fishing boats on Savaii island - Survey report on 28 November 1986 and 25 March 1987, 4 pages, (Fish Lib).

Helm, N. (1987). Giant clam hatchery project proposal. 6 pages, (Fish Lib).

Henquel, Fr. (1897). List of Samoan fish names. 5 pages, (Amsam Bio).

Herman, Br. (1970). Tales of ancient Samoa. [includes: Manu and his bonito canoes, the origin of the bonito hook, the manini fish of Samoa, the two mouthed sea cucumber, the octopus and the rat], The Book Shop, Samoan Church, Pago Pago, 118 pages, (Nelson Lib 398.2 HER).

Hewson, C., Malele, F. and Muller, P. (1981). Coastal area management in Western Samoa. In: M. Valencia (ed), Proceedings of the Workshop on Coastal Area Development and Management in Asia and the Pacific, Manila, 3-13 December, 1979, pages 113-115, (SPC Wendt).

Hida, T. (1970). Surface tuna school fishing and baiting around Samoa Islands. Commercial Fisheries Review, December 1970, pages 37-41, (FAO/SP).

Hinds, V. (1969). A fisheries reconnaissance in Western Samoa. South Pacific Commission, Noumea, 10 pages, (SPC Smith: Western Samoa file).

Hinds, V. (1969). Western Samoa, 17th-27 March, 1969 - travel diary. [general observations on fisheries], South Pacific Commission, Noumea, pages 1-2, (SPC Lib).

Hirabayashi, Y. (1978). Fishery industry in the South Pacific region. [in Japanese], pages 218-226, <u>In</u>: Fisheries in the 200 Mile Zone and in the World. Japan External Trade Organization.

Hiroa, T. (1930). Samoan material culture. Bulletin No. 75,Bernice P. Bishop Museum, Honolulu, Hawaii, 724 pages, (SPC Lib).

Hirth, H. (1970). Report of marine turtle survey in Tucson, Hawaii, Tahiti, Western Samoa, American Samoa, and New Caledonia (7 September - 19 October 1970). FI:SF/SOP/REG/ 102/1, FAO, Rome, 12 pages, (SPC Smith: Turtle Box).

Hirth, H. (1971). South Pacific Islands - marine turtle resources. FI:SF//SOP/REG/102/2, FAO, Rome, 35 pages, (SPC Smith: Turtle Box).

Holloway, C. (undated). A national park system for Western Samoa. UNDP Advisory team for the South Pacific, 7 pages, (Fish Lib).

Hollyer, J. (1983). Western Samoa's fish market guide. Pages 1-22, (Fish Lab, FAO/SP).

Hollyer, J. (1984). Troubleshooting the Vaitoloa syndrome - A post-mortem on a baitfish project Apia, 5 pages, (Fish Lab).

Hollyer, J. and Albert, J (1982). Small scale fisheries in Western Samoa - highlights and current activities. Peace Corps Fisheries Conference, Papua New Guinea, June 1982, 4 pages, (Fish Lab).

Holmes, L. (1974). Samoan Village. Case Studies in Cultural Anthropology, Stanford University, 108 pages, [pages 46-48 on traditional fishing], (Nelson Lib).

Holmes, L. (1984). Samoa Islands bibliography. Poly Concepts Publishing Company, Wichita, [pages 90-92 on fishing], (USP Lib pac Z 4891.S3).

Horibe, S. (1972). Tuna fishing industry of Western Samoa. 20 pages, (Prime File).

Hornell, J. (1950). Fishing in many waters. [section on traditional Samoan skipjack fishing], University Press, Cambridge, 210 pages, (SPC Lib 639.2 HOR).

Howell, R. (1983). Air-shipping of fresh fish from American Samoa to markets in Hawaii. SPC Fisheries Newsletter No. 25, April-June 1983, South Pacific Commission, Noumea, (SPC Lib).

Hume, H. and Eginton, R. (1976). Report on the South Pacific Commission Outer Reef Fisheries Project in Western Samoa, 1 April - 30 October 1975. South Pacific Commission, Noumea, 19 pages, (Fish Lib, SPC D639.2 SPC A-B).

Hunter, A. (1977). Country report: Western Samoa. <u>In:</u> Collected abstracts and Papers of the International Conference on Marine Parks and Reserves, Tokyo, 12-14 May 1975, Sabiura Marine Park Research Station, (cited in Pereira 1983).

Hydrographic Service (1985). Report of survey hydrographic instruction 86 ocean bathymetric survey Western Samoa. Royal Australian Navy, (Fish Lab).

l'igapisa, F. (1962). The rising of the palolo. South Pacific Bulletin, Volume 12, No. 3, pages 24-26, (cited in Pereira 1983).

Institute of Marine Resources (1980). Reconnaissance study - sea wave energy - Western Samoa. Project 4100.050.094.91, University of the South Pacific, 10 pages plus appendices, (Econ Lib).

Inter-Govermental Maritime Consultative Organization (1980). Mission report of the interregional consultant on marine pollution, Western Samoa 2-9 September 1980. 26 pages, (UNDP Lib).

Ioane, I. (1980). Palolo. [includes photographs], Laufasi Ola, Pages 1-7, (Agri Lib).

Itano, D. (1986). Illegal fishing practices in American Samoa. 1986 Food and Farm Day Journal, pages 48-50, (Amsam Bio).

Izumi, M. (1986). Mission to Western Samoa 6-14 April 1986. [preparatory mission for Japanese Trust Fund Project on strengthening of the Fisheries Division], pages 1-11 plus appendices, (FAO/SP).

Japan Consulting Institute (1982). Technical information on fish processing plant in Western Samoa. 28 pages plus apendices, (Fish McCoy).

Jenkins, C. (1978). The establishment of a solar sea salt producing facility in the country of Western Samoa. The United Nations Industrial Development Organization, Vienna, 46 pages, (UNDP Lib).

JICA (1977). Report on the survey of fishery and agriculture in Tonga, Western Samoa, and Fiji. Report 77-25, Japan International Cooperation Agency, Translation No. 44, National Marine Fishery Service, Honolulu Laboratory, pages 23-39, (Fish Lab, FAO/SP).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

JICA (1978). Fisheries Center in Western Samoa. [includes results of fishery surveys], Japan International Co-operation Agency, 11 pages plus appendices, (JICA File).

Johannes, R. (1981). Words of the lagoon. [pages 46-48 on the timing of palolo spawning], University of California Press, Berkeley, 245 pages, (Alafua Lib, FAO/SP).

Johannes, R. (1982). Reef and lagoon management in Western Samoa. [draft report], 28 pages plus appendix, (Fish McCoy, FAO/SP).

Johnson, E. (1955). Bibliographic list of books, magazine articles, notes and some unpublished material [on Samoa]. Pago Pago, (USP Lib pac z 4891 J64).

Jordan, D. (1927). Shore fishes of Samoa. Journal of the Pan-Pacific Research Institution, volume 2, no. 4, pages 3-11, (Amsam Bio).

Jordan, D. (1929). Poisonous fishes of Samoa. American Naturalist, volume 63, pages 382-383.

Jordan, D. and Seale, A. (1906). The fishes of Samoa - description of the species found in the archipelago, with a provisional check-list of the fishes of Oceania. Bulletin U.S. Bureau of Fisheries, volume 25, pages 173-488, (Nelson Lib, Alafua Lib).

Kaigai Gyogyo. (1977). General matters and fishery related matters in Western Samoa and Fiji. [in Japanese], Kaigyokyo Shiryo, no. 50, pages 1-98.

Kearney, R. and Hallier, J. (1978). Interim report of the activities of the Skipjack Survey and Assessment Programme in the waters of Western Samoa. Skipjack Survey and Assessment Programme Preliminary Country Report No. 8, South Pacific Commission, Noumea, 10 pages plus appendix, (Fish Lib, SPC Lib).

Kear, D. and Wood, B. (1959). The geology and hydrology of Western Samoa. Bulletin No. 63, New Zealand Geological Survey, Department of Scientific and Industrial Research, Wellington, 90 pages, [pages 31-33 on reefs and submarine topography], (Nelson Lib R 559.613 KEA).

Kearney, R. and Rivkin, M. (1981). An examination of the feasibility of baitfish culture for skipjack pole-and-line fishing in the South Pacific Commission area. Skipjack Survey and Assessment Programme Technical Report No. 4, South Pacific Commission, Noumea, 23 pages, (Fish Lib, SPC Lib).

Kent, G. (1980). The politics of Pacific Island fisheries. Westview Press, Boulder, Colorado, 191 pages, (Alafua Lib, SPC Lib).

King, M. (1980). A trapping survey for deep water shrimp (Decapoda: Natantia). in Western Samoa. Institute of Marine Resources, University of the South Pacific, Suva, 26 pages, (Fish Lab, FAO/SP).

King, M. (1984). The species and depth distribution of deepwater caridean shrimps (Decapoda, Caridea) near some Southwest Pacific Islands. Crustaceana, volume 47, No. 2, pages 174-191.

King, M. (1986). The fishery resources of Pacific island countries - part 1 - deep water shrimps Fisheries Technical Paper 272.1, FAO, Rome, 45 pages, (FAO/SP).

King, W. (1967). Seabirds of the tropical Pacific Ocean. Smithsonian Identification Manual, Washington, 125 pages plus appendix, (Nelson Lib 598.299 Kin).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

Kinuta, H. (1978). Period report no. 1. [includes basic information on Fisheries Division, in Japanese], 4 pages, (JICA Files).

Kinuta, H. (1979). Period report no. 2. [includes Tautai Samoa, alia fishing, results of fishing in Laulii using trammel nets, Apia Bay baiting, in Japanese], 10 pages, (JICA File).

Kinuta, H. (1980). Period report no. 3. [includes gill netting for lobster, trammel netting, in Japanese], 3 pages, (JICA File).

Kinuta, H. (1980). Period report no. 4. [includes fishing with fish pots, bottom gill nets, shrimp pots, in Japanese], 19 pages, (JICA File).

Kinuta, H. (1981). Period report no. 5. [includes handlining from alia, trap netting in various locations, in Japanese], 8 pages, (JICA File).

Kinuta, H. (1981). Period report no. 6. [FADs, in Japanese], (JICA File).

Kinuta, H. (1981). Period report no. 7. [results of trap nets at several locations on Upolu, in Japanese], 10 pages, (JICA File).

Kinuta, H. (1981). Final report. [covers all above subjects, in Japanese], (JICA File).

Klawe, W. (1978). Estimates of catches of tunas and billfish by the Japanese, Korean, and Taiwanese longliners from within the 200 mile economic zone of the member countries of the South Pacific Commission. Occasional Paper No. 10, South Pacific Commission, Noumea, 41 pages, (Fish Lib, FAO/SP).

Kramer, A. and Collins, A. (1897). Uber den Bau der Korallenriffe und die Planktonvertheilung an den samoanischen Kusten... uber den Palolo-Wurm. Lipsius and Fischer, Leipzig, (cited in Taylor 1965).

Kunatuba, P. and Uwate, R. (1983). Findings from an August 1983 survey of aquaculture perceptions and awareness in the Pacific Islands. Pacific Islands Development Program, East-West Center, Honolulu, 13 pages, (Fish Lab).

Kurakake, T. (1980-82). Period reports no. 1-8. [shrimp culture, in Japanese], (JICA File).

Kurakake, T. (1982). Final report. [shrimp culture, in Japanese], 7 pagres, (JICA File).

Kurakake, T. (1982). Giant Malaysian Prawn, Macrobrachium rosenbergii, in Western Samoa. Japan Overseas Cooperation Volunteers, appendices, (Fish Lab, JICA File).

Lamberts, A. (1983). An annotated checklist of the corals of American Samoa. Atoll Research Bulletin No. 246, Smithsonian Institute, Washington D.C., 19 pages, (Fish LAb).

Langdon, R. (1984). Where the whalers went: an index to the Pacific ports and islands visited by American whalers (and some other ships). in the 19th century. Pacific Manuscripts Bureau, Australian National University, Canberra, 297 pages, [pages 210-215 gives information on Samoan waters], (SPC).

Leafa, A. (1982). Fish marketing and distribution in Western Samoa. Country Paper for Workshop in Hong Kong, 3 pages, (Fish Faasili).

Lewis, A., Smith, B. and Ellway, C. (1983). A guide to the common tuna baitfishes of the South Pacific Commission area. SPC Handbook no. 23, South Pacific Commission, Noumea, 82 pages, (Fish Lib).

Living Marine Resources Inc. (1975). Samoan Trolling Survey. 11 pages, (SPC Tuna Lib).

MacDonald, J. (1858). On the external anatomy and natural history of the genus of Annelida named Palolo by the Samoans and Mbalolo by the Fijians. Transactions of the Linnean Society of London, volume 22, no. 16, pages 237-239, (cited in Caspers 1984).

Marcille, J. and Bour, W. (1981). La peche des thons a la senne et a la canne dans l'ocean pacifique tropical. Travaux et Documents de l'ORSTOM No. 134, ORSTOM, Paris, 259 pages, (FAO/SP).

Marsac, F. (undated). Prospection thoniere par observations et radiometrie aeriennes, territoire de Wallis et Futuna. [covers 4 flights passing through Western Samoa zone], Centre ORSTOM de Noumea, 22 pages, (SPC Tuna Lib).

Marschall, K. (1976). Das Fangen von Palolowurm - segmenten auf Samoa. Gottingen, Institut fur den Wissenschaftlichen Film, (cited in Pereira 1983).

Matagaluega o Fuainumera Fa'amauina (undated, 1979?). Suesuega tau le fagotaina o i'a 1978. [Samoan version of 1978 fish catch survey], (Prime File).

May, R. (1979). South Pacific Agricultural Survey 1979 - Sector Paper on Fisheries. [contains comparisons of Western Samoa to other Pacific Island countries on fish catch, fish consumption, fish import/export, sea area, and fisheries sector loans], 44 pages, (Alafua Lib).

Mayor, A. (1924). Structure and ecology of Samoan reefs. Department of Marine Biology, Carnegie Institute, (cited in Pereira 1983).

McCoy, M. (1987). Participation in RAAF surveillance flight, Saturday, May 2, 1987, 1 page, (Fish File).

McCoy, M. (1987). Improvements to Apia Harbour. 3 pages, (Fish File).

McKay,C. (1953). The rising of the Palolo - a reliable astronomical formula for predicting the rising of the Palolo. SPC Quarterly Bulletin, volume 3, no. 3, South Pacific Commission, Noumea, page 35, (SPC Lib).

McNiell,F. (1954). "Palolo" - food worm of the Pacific. Australian Museum Magazine, volume 11, pages 173-174, (cited in Caspers 1984).

Meecham,K. (1986). Draft report of the aquaculture mission to the South Pacific. UNDP/FAO South Pacific Regional Fisheries Development Programme, pages1-27, (FAO/SP).

Miller, C., Pen, F. and Gatty, H. (1955). Composition and nutritive value of Palolo. Proceedings of the Hawaiian Academy of Sciences, 31st Annual Meeting, (cited in Caspers 1984).

Mizenko, D. (1984). The biology of Western Samoan reef-slope snapper (Pisces: Lutjanidae). populations of: <u>Lutjanus</u>, <u>kasmira</u>, <u>Lutjanus</u>, <u>rufolineatus</u>, and <u>Pristipomoides</u> <u>multidens</u>. M.A. Thesis, University of Rhode Island, 66 pages, (Fish Bell).

Moore, G. (1985). Coastal zone requirements for foreign fishing. [Western Samoa included in tables], Legislative Study No. 21, Rev. 2, FAO, Rome, 297 pages, (Fish McCoy, FAO/SP).

Morgan, D. (1980). Pacific pole & line aluminium-alloy tuna craft. [construction plan], (Fish Lab).

Moyle, R. (1984). The Samoan journals of John Williams 1830 and 1832. Pacific History Series No. 11, Australian National University Press, Canberra, [pages 226-227 on fishing], Nelson Lib R919.61304 Moy).

Mulipola, A. (1986). Survey on motorized fishing units on the island of Savaii: 9/12 - 12/12/1986. 2 pages, (Fish Lab).

Munro, J. (1986). Fisheries for giant clams (Tridacna: Bivalvia) and prospects for stock enhancement. International Center for Living Aquatic Resource Management, South Pacific Office, Townsville, pages 1-25, (FAO/SP).

Murphy, G. (1973). Fisheries development problems in Southeast Asia and the Pacific Island area (Oceania). [page 75 on Western Samoa FAO tuna and baitfish project], 75 pages, (Alafua Lib).

Murphy, G. and Ikehara, I. (1955). A summary of sightings of fish schools and bird flocks and of trolling in the central Pacific. Special Scientific Report: Fisheries No. 154, Fish and Wildlife Service, 19 pages, (FAO/SP).

Nanyo Boeki Kaisha (undated). Specifications of construction for FRP fisheries training vessel for the Government of Western Samoa. [Tautai Samoa], 60 pages, (FAO/SP).

Neich, R. (1985). Material culture of Western Samoa - persistence and change. Bulletin No. 23, National Museum of New Zealand, [canoes and fishing pages 51-55], (Nelson Lib R996.14 Nei).

Nemoto, K., Sugawara, T. and Saito, H. (1981). Research report on the basic design of the fishing harbor improvement project in Apia, Western Samoa. [in Japanese], Japan International Cooperation Agency, 112 pages.

New, M. (1982). An experiment in rearing fresh water prawns in brackish water. Developments in Aquaculture and Fisheries Science, volume 10, page 173.

Neyret, J. (1974). Pirogues oceaniennes. Tome II, Association Des Amis Des Musees De La Marine, Paris, 315 pages, [traditional canoes, pages 87-94 on Samoa], (FAO/SP).

Nippon Tetrapod (1981?). Western Samoa project for the construction of fishing port complex. [contract for construction], 12 pages plus appendices.

Nippon Tetrapod (undated). The construction of fishing port complex - handing over materials of building. [drawings, photographs, electrical documents], (Fish McCoy).

Observer (1986). Four admitted with fish poisoning. 5 November 1986, 1 page, (Fish Bell).

Ochi, T. (1972). Report on consultancy visit to Western Samoa from 6th June to 3rd July 1972 - fisheries training centre and longshore fisheries development. Singapore Fisheries Training Centre, 37 pages plus appendices, (Fish Lab).

Office of Attorney General (undated, 1980?). Report on management of the exclusive economic zone. 10 pages, (Prime File).

Office of Marine Resources (undated). Scientific, English, and Samoan fish names. American Samoa Government. 4 pages, (Amsam Bio).

Office of Policy Analysis (1987). Some potential economic impacts of increased minimum wage rates in American Samoa. [contains 10 pages on the implications of transfering tuna Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

loining operations to Western Samoa], Department of the Interior, 60 pages, (Amsam CZMP).

Ollier, C., Whistler, W. and Amerson, A. (1979). O le Pupu-Pue National Park, Samoa. ,Volume 2, 10 pages, (Fish Lib).

Overa, A. (1979). Report on survival at sea as experienced by 4 fishermen from the village of Siumu, Western Samoa. (FAO/SP).

Overa, A. (1980). 9.00m Aluminium catamaran SAM-10. [construction plans, transparancies], FAO, Apia, pages 1-4, (Fish Faasili, FAO/SP).

Overa, A. (1980). Buoy for fish aggregating device. [construction plan, transparancy], FAO, Apia, (Fish Faasili, FAO/SP).

Overa, A. (1980). Report from a trip to Pago Pago. [possibility of exporting boats from Western Samoa], (FAO/SP).

Overa, A. (1980). Report on experiences with fish aggregating devices or "FAD" in Western Samoa. Pages 1-8, (Fish Lib, FAO/SP).

Overa, A. and Gulbrandsen, O. (1976). 28ft fishing catamaran WES-8. [construction plans, transparancies], FAO, Apia, pages 1, 2, 5, (FAO/SP).

Overa, A. and Gulbrandsen, O. (1976). 28ft V-bottom fishing boat WES-7. [construction plans, transparencies], FAO, Apia, pages 1, 2, 5, (FAO/SP).

Overa, A. and Gulbrandsen, O. (1978). Report of construction of first aluminium catamaran built by the FAO/Danida village fisheries project in Western Samoa. Pages 1-3, (Fish Faasili, FAO/SP).

Pacific Islands Monthly (1936). A Samon feast. [stranding of 8 pilot whales at Faasaleleaga], January 1936, 1 page, (Nelson Lib).

Pacific Islands Monthly (1978). The crown of thorns threatens Samoa's reefs. April 1978, 1 page, (Fish File).

Pati (1973). Taiwanese proposal - their recommendations for Western Samoa inshore fisheries development. 3 pages, (Prime File).

Paulo, W. (1976). Assignment report of W. H. Paulo master fisherman February 1974 - December 1975. [includes data on baitfishing, tuna poling, and longlining], pages 1-7, (FAO/SP).

Pelletier, D. (1984). Dietary patterns and body fatness among young Samoan men. [contains results of survey comparing villagers, active workers and sedentary workers with respect to efforts spent on fishing], Working Paper, 53rd Annual Meeting of the American Association of Anthropologists, Philadelphia, April, 1984, 14 pages, (Health Nut).

Pereira, J. (1983). General bibliography - a checklist of selected material on Samoa - Volume 1. University of the South Pacific Extension Services, Western Samoa, [pages 235-244 on fisheries], (FAO/SP).

Philipp, A. (1978). Fisheries development in Western Samoa. Tenth Regional Technical Meeting on Fisheries, March 1978, South Pacific Commission, Noumea, 2 pages, (SPC Smith: Western Samoa file).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

Philipp, A. (1978). [comments on] Fish dynamiting act 1972 and amendment 1978. 2 pages, (Prime File).

Philipp, A. (1980). Fisheries Annual report 1979. Pages 1-13, (Fish Lab, FAO/SP).

Philipp, A. (1981). Pasco Bank trip. [includes map], pages 1-3, (FAO/SP).

Philipp, A. (1981). Fishing boats for local fishermen proposed design changes to suit local conditions. [new version of alia], (Prime File).

Philipp, A. (1981). Tuna export to Pago Pago canneries. 2 pages, (Prime File).

Philipp, A. (1981). Fish aggregating devices - a report from Western Samoa. Information Note No. 10, Forum Fisheries Agency, Honiara, 4 pages, (Fish File).

Philipp, A. (1981). Fabrication of fish aggregating device. [construction plan for float], Fisheries Division, Apia, (FAO/SP).

Philipp, A. (1981). Fisheries Division Annual Report - calendar year 1980. Department of Economic Development. Pages 1-13, (Fish Lab, FAO/SP).

Philipp, A. (1981). Estimates of Western Samoa tuna catch and effort, 1972-1978. 8 pages, (SPC Tuna: PRO 93/3/25, folio 47).

Philipp, A. (1982). Fisheries Division Annual Report - calendar year 1981. Department of Economic Development. Pages 1-11, (Fish Lab, FAO/SP).

Philipp, A. (1982). Fisheries of Western Samoa. Alafua Agriculture Bulletin, volume 7, no. 1, pages 42-46, (Alafua Lib).

Philipp, A. (1982). Report on Pasco Bank trip. Pages 1-2, (FAO/SP).

Philipp, A. (1983). Country Statement - Western Samoa. [FAD construction], Working Paper 8,15th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, (FAO/SP).

Philipp,A. (1983). Fisheries Division annual report - calendar year 1982. Ministry of the Department of Economic Development, Western Samoa. Pages 1-14 plus appendices, (FAO/SP).

Philipp, A. (1984). Fisheries Division annual report calendar year 1983. Department of Agriculture Forests and Fisheries, 5 pages plus appendices, (FAO/SP).

Philipp, A. (1984). Interaction of small artisanal fishing with large industrial tuna fishing operations. TW/17, Workshop on National Tuna Fishing Operations, Tarawa, Kiribati, May 28-June 2 1982, Forum Fisheries Agency, Honiara, pages 1-4 plus appendix, (Fish Lib, FAO/SP).

Philipp, A. and Hollyer, J. (1983). Post-harvest losses of fish in Western Samoa. Alafua Agricultural Bulletin, volume 8, no. 2, page 91-92, (Econ Lib).

Philipp, A., Popper, D. and Teppen, T. (1980). Small scale pole and line fishery in Western Samoa - report on preliminary trials. 7 pages, (Fish Lab, FAO/SP).

Popper, D. (1979). FAO/UNDP bait culture in Western Samoa. 4 pages, (FAO/SP).

Popper, D. (1982). Baitfish and prawn culture in Western Samoa. FI:DP/SAM/77/001, FAO, Rome, 21 pages, (Fish Lab, FAO/SP).

Popper, D. (undated). Bait culture project in Western Samoa. 4 pages, (Fish Lab, FAO/SP).

Popper, D. (undated). Report on duty travel to Hawaii, March 15-March 26. [prawn culture], 7 PAGES, (Fish Lib).

Popper, D. and Philipp, A. (1982). Small scale pole and line fishery in Western Samoa - report on preliminary trials. SPC Fisheries Newsletter June 1982, South Pacific Commission, Noumea, 7 pages, (Fish Lib, FAO/SP).

Powell, T. (1877). On the nature and mode of use of the vegetable poisons employed by the Samoan Islanders. Linnean Society Journal of Botany, volume 16, pages 55-60, (cited in Holmes 1984).

Preston, G., Taumaia, P. and Chapman, L. (1987). Report of visit to Western Samoa (1 November 1982 - 3 January 1983). Deep Sea Fisheries Development Project, South Pacific Commission, Noumea, 35 pages, (SPC Preston, draft copy in Fish McCoy).

Preston, G. and Vincent, M. (1985). Fisheries sector refrigeration systems in Pacific Island countries. South Pacific Commission, Noumea, [page 82 on Western Samoa], (FAO/SP).

Randall, J. and Devaney, D. (1974). Final report of marine biological surveys and resource inventory of selected coastal sites at American Samoa. Contract Report DACW84-74-C-0014, U.S. Army Corps of Engineers, Pacific Ocean Division.

Rehman, H. (1983). Agriculture in Western Samoa - problems and strategies for development. Ph.D dissertation, Pacific Western University, 307 PAGES, [128-131 on fisheries], (FAO Lib).

Research and Development Division (1980). Analysis of the operations of boatcraft and recommended future organization. Working Paper Development Bank of Western Samoa, appendices, (Fish Lab, FAO/SP).

Reynolds, S. (1978). Conservation and management of natural resources. Department of Agriculture, Apia, [pages 63-69 on fisheries conservation], (UNDP Lib).

Richmond, B. (1985). Cruise report reconnaissance survey for construction and landfill materials at Aleipata, Western Samoa. Cruise Report no. 110, 14 pages, (Fish Lib).

Ring, M. (1983). Palolo, the effect of the moon and sun. Samoana High School, Pago Pago, 10 pages, (Amsam Bio).

Royal Australian Navy (1985). Bathymetric chart of Western Samoa. (Fish Faasili, FAO/SP).

Rubin, D. (1984). Landfill materials and harbour surveys at Apia Harbour, Mulinu'u Point, Faleolo Airport, and Asau Harbour, Western Samoa, 15 May - 4 June 1984. CCOP/SOPAC Cruise Report 98, 8 pages, (CCOP).

Rural Development (1978). Inspecting team report on Rural Development fishing units. 5 pages, (Rural Dev).

Rural Development (undated). Drawings of lanteen sail arrangement for alia. 6 pages, (Rural Dev).

Safford, W. (1906). Glossary of principal words composing native names of Samoan fishes. <u>In</u>: D. Jordan and A. Seale, Fishes of Samoa. U.S. Department of Commerce and Labor Bulletin, 1906, pages 175-455, (Alafua Lib). Samoa Taisho Industry Co.,Ltd. (1968). Fishing company proposal. 14 pages, (SPC Lib D 639.2 WES).

Samoa Times (1981). More fishing devices installed. Samoa Times, 27 February 1981, (FAO/SP).

Saunders, W., Bond, P. and Hastie, L. (undated). On the distribution of <u>Nautilus</u> pompilius and associated organisms in the Samoas, Fiji, and Tonga. Pages 1-10, (FAO/SP).

Schug, D. and Shang, Y. (1983). An economic feasibility study of culturing topminnows as an alternative baitfish for skipjack tuna fisheries in Hawaii, American Samoa, Guam, and the Northern Mariana Islands. [Table 6 on economics of using mollies on alias near FADs], Pacific Business Center, University of Hawaii, 32 pages plus appendices, (Amsam CZMP).

Schultz, L. (1943). Fishes of the Phoenix and Samoan Islands collected in 1939 during the expedition of the U.S.S. "Bushnell". Bulletin U.S. National Museum, volume 180, pages 1-316, (Nelson Lib).

Sea Engineering Services (1980). Shore protection manual. [contains information on wave heights, storms, seawalls, breakwaters, sea level fluctuations], 60 pages plus appendices, (Amsam CZMP).

Shepard, M. (1980). Preliminary review of distant-water tuna longlining for the South Pacific during 1975-1977. FFA/CR.1, Forum Fisheries Agency, Honiara, 32 pages, (SPC Tuna Lib).

Shepard, M. (1980). Preliminary review of requirements for the management of fisheries in the exclusive economic zone of Western Samoa. 60 pages plus appendices, (FAO/SP, 35 page draft in Fish File).

Shepard, M. (1983). Draft report - Western Samoa. [includes listing of recent fisheries assistance programmes], 8 pages plus appendix, (FAO Lib).

Shepard, M. and Clark, L. (1984). South Pacific fisheries development assistance needs. FAO/UNDP, 91 pages plus appendices, (FAO/SP).

Skipjack Programme (1980). Skipjack fishing effort and catch, 1972-1978, by the Japanese pole-and-line fleet within 200 miles of the countries in the area of the South Pacific Commission. Skipjack Programme Technical Report No. 2, South Pacific Commission, Noumea, 91 pages, (FAO/SP).

Skipjack Programme (1981). Fishing effort and catch by the longline fleets of Japan (1962-77) and Taiwan (1967-77) within 200 miles of the countries in the area of the South Pacific Commission Skipjack Programme Technical Report No. 3, South Pacific Commission, Noumea, 249 pages, (Fish Lib, FAO/SP).

Skipjack Programme (1982). An assessment of baitfish resources in the South Pacific Commission area. Working Paper 12,14th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, 8 pages, (FAO/SP).

Smeltzer, B. (1969). Night of the Palolo (Samoa). Natural History, volume 78, no. 9, pages 64-71, (cited in Holmes 1984).

Smeltzer, B. (1970). Samoa and the sea. Oceans, volume 3, no. 5, (cited in Holmes 1984).

South Pacific Islands Fisheries Development Agency (1975). Project findings and recommendations. FAO, Rome, 31 pages [pages 12, 17 on Western Samoa], (Fish Lab). Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support South Pacific Regional Environmental Programme (1980). Western Samoa country report. Country Report South Pacific Commission, Noumea, 9 pages, (Fish Lab, SPC Wendt: country report box).

Sperling, H. (1975). UNDP/FAO project cancellation report Western Samoa tuna fishery establishment WES/70/006. [baitfishing, tuna pole-and-line fishing, longlining, promising fishing areas], 5 pages, (Prime File).

Sperling, H. (1980). Skipjack pole-and-line fishing from Samoan catamaran. 2 Pages, (FAO/SP).

Sperling, H. (1983). Some notes on fish post-harvest losses. Alafua Agricultural Bulletin , volume 8, no. 2, page 96, (cited in ADB 1985).

Stair, J. (1897). Palolo, a sea worm eaten by Samoans. Journal of the Polynesian Society, volume 6, pages 141-144, (cited in Taylor 1965).

Starmuhler, F. (1986). The fresh and brackishwater gastropods of the Tongan and Samoan Islands. 9th International Malacological Congress, Edinburg, August-September,1986 12 pages plus appendices, (Fish Lab).

Sterns, H.T. (1944). Geology of the Samoan Islands. [includes reefs and submarine topography], Geological Society of America, Bulletin no. 55 (Amsam Bio).

Stevenson. ?., and Marshall, ?. (1974). Generalization of the fisheries potential of coral reefs and adjacent shallow water environment. Fisheries Division, Apia, [cited in Pereira 1983].

Stokes, J. (1921). Fish poisoning in Samoa. Bernice P. Bishop Museum, Occasional Papers, Volume 10, No. 7, pages 229-233, (cited in Pereira 1983).

Sua, T. (1986). Farming the green mussel. Pages 1-8, (Fish Lab, FAO/SP).

Sua, T. (1986). Small-scale prawn hatchery operations and management report, 04 August - 25 September. (Fish Lab).

Sua, T. (1986). O le fa'aonanaina o ia vai pisia. [fish poisoning - household bleach method], Laufasi Ola, volume 30, no. 2, (Fish Lab).

Suafoa, F. (1981). The impact of 200-mile extended jurisdiction on the development and management of fisheries in Western Samoa. Marine Affairs Journal University of Rhode Island, No. 7, pages 80-98.

Suga, N. (1981). Period report no.1. [basic description of Fisheries Division, Savaii fishing, in Japanese], (JICA File).

Suga, N. (1982). Period report no. 2. [activities of the Fisheries Division, fish market, mollies, turtle hatchery, Salelologa fisheries, in Japanese], 4 pages, (JICA File).

Sullivan, C. (1981). Conditions at Boatcraft. [construction of smaller version of alia], UNDP, 2 pages, (Prime File).

Sutherland, W. (1972). Preliminary report on visit to Western Samoa. [New Zealand aid for fisheries], 21 pages, (Fish Lab).

Taumaia, P. (undated, 1976?). Falealili District report on bottom fishing demonstration period starting 10.5.76 - 11.6.1976. Pages 1-8, (Fish Faasili, FAO/SP). Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support Taylor, C. (1965). A Pacific bibliography. Clarendon Press,Oxford, [pages 284-285 on fishing in Samoa], (SPC Lib).

Territory of Western Samoa (1961). Department of Agriculture, Forests, and Fisheries annual report for 1960. (cited in Uwate et al 1984).

Thilenius, G. (1900). Bonito - und Haifang in Alt – Samoa. Globus Volume 78, pages 127-129, (cited in Pereira 1983).

Time, S. (1985). Utilization of M.V. Tautai Samoa. 3 pages, (Fish File).

Time, S. (1985). Relationship between fish aggregating devices (FADS). and tuna development in Western Samoa. [a report submitted as part of the South Pacific Commission fisheries officers training course requirements], 6 pages, Fish Savali).

To'alepaiali'i, T. (1976). Report on navigational aids of Western Samoa submitted to the New Zealand Aid Project Identification Mission. Marine Department, Government of Western Samoa, 16 pages plus appendices, (Econ Lib).

To'alepaiali'i, T. (1977). Annual reports of the Marine Department (1966-1975). Department of Marine, Apia, 51 pages plus appendices, (Fish Lab).

Toshihara, T. (1979). Processing of fishery products in Western Samoa. Farming Japan, Volume 13, No. 5, pages 53-55, (cited in Pereira 1983).

Toshihara, T. (undated). Plan of marine food processing in Western Samoa. Pages 1-19, (Prime File, FAO/SP).

Toshihara, T. (undated). The fish marketing in Savaii and planning the laboratory of marine food processing. 5 pages plus appendix, (Fish Faasili).

Travis, W. (1970). Skipjack survey: preliminary report U.S. research vessel "Charles H. Gilbert". 2 pages plus map, (Prime File).

Travis, W. (1970). Village fishermen's associations report no.1, [inception of associations on Savaii], 5 pages, (Prime File).

Travis, W. (1970). Village fishermen's associations report no. 2. 3 pages, (Fish Lab, Prime File).

Travis, W. (1970). Village fishermen's associations report no. 3. 3 pages, (Prime File).

Travis, W. (1970). Village fishermen's associations report no. 4, Savaii yearly inspection. 4 pages, (Prime File).

Travis, W. (1971). Intimidation of local fishermen, loss of equipment by Fisheries Division, et cetera all due to foreign fishing vessels. 2 pages, (Prime File).

Travis, W. (1971). Turtle conservation programme - Western Samoa. Paper 28, Regional Symposium on Conservation of Nature - Reefs and Lagoons, 5-14 August 1971, South Pacific Commission, Noumea, (Fish Lab, FAO/SP).

Travis, W. (1972). Western/American Samoa fisheries co-operation - liaison visit by American Samoan privately owned fishing dories - period April 26 - May 3. 3 pages, (Fish file).

Travis, W. (1972). Joint American & Western Samoan interest and participation in fisheries development. 3 pages, (Prime File).

Travis, W. (1972). Western Samoa - logical fisheries development. 11 pages, (Prime File).

Travis, W. (1972). Western Samoa's needs in fisheries development. 3 pages, (Prime File).

Travis, W. (1972). Tuna canning in Western Samoa. 3 pages, (Prime File).

Travis, W. (1972). Fisheries Division flying training. 2 pages, (Prime File).

Travis, W. (1972). Ferro-cement industrial development project. 3 pages, (Fish File, Prime File).

Travis, W. (1972). Report by fisheries officer on his visit to the west coast of America to obtain physical support for various Western Samoa fisheries development projects. 12 pages, (Prime File).

Travis, W. (1973). Janss Foundation fisheries development support. 1 pages, (Prime File).

Travis, W. (1973). Skipjack tuna fishing development project fishing methods development. [consultancy by R. Stone and J. Fyson on pearl shell lure trolling], 3 pages, (Prime File).

Travis, W. (1973). Report by W. Travis on his work visits to Hawaii and Ponape period February 13-28, 1973 on the establishment of a dory boat-building complex in Western Samoa, (Prime File).

Travis, W. (1973). Fisheries Division annual report 1972. (Prime File).

Travis, W. (1973). Programme of basic coastal waters fisheries surveys 1973 to 1975. 2 pages, (Prime File).

Travis, W. (1973). A report on the visit to Western Samoa of the Taiwanese Fisheries mission as experienced by the Fisheries Division of the Department of Agriculture, Forests and Fisheries. 2 pages, (Prime File, Fish File).

Travis, W. (1973). Terminal report. [recommendations for the Fisheries Division and for general fisheries development], 20 pages, (Prime File).

Travis, W. (1979). Notes on the Hawksbill population of Western Samoa. Working Paper Joint SPC/NMFS Workshop on Marine Turtles in the Tropical Pacific Islands, South Pacific Commission, Noumea, (SPC Lib).

Travis, W. and Reese, E. (1973). A proposal for a six year programme on the biological and economic feasibility on the farming of coconut crabs on tropical Pacific islands, particularly in Western Samoa. 8 pages, (Fish Lab).

Tuimalealiifano, S. (1973). Report on fish industry. [establishment of fishing base and small cannery], 2 pages, (Prime File).

Tuitoti, S. (1955). Shark fishing in Western Samoa. Tuatara, volume 5, no.3, pages 82-85, (cited in Holmes 1984).

Tuna Programme (1984). An assessment of the skipjack and baitfish resources of Western Samoa. Skipjack Survey and Assessment Programme Final Country Report No. 14, South Pacific Commission, Noumea, 45 pages, (Fish McCoy, SPC Lib).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

Uchida, R. and Sumida, R. (1972). Cruise report. [bait and tuna fishing by f/v Anela], pages 1-6, (FAO/SP).

Uchida, R. and Sumida, R. (1973). Tuna pole-and-line fishing trials in central and western Pacific. [contains information on baiting and fishing for Western Samoa], Marine Fisheries Review, Jan-Feb 1973, pages 31-41, (FAO/SP).

Uchida, R. (1975). Recent developments in fisheries for skipjack tuna, <u>Katsuwonus</u> <u>pelamis</u>, in the central and western Pacific and the Indian Ocean. Fisheries Technical Paper No. 144, FIRS/T144, FAO, Rome, 69 pages [pages 6-7 on Samoa Islands], (FAO/SP).

UNDP (1975). Tripartite review report - local tuna fisheries, WES/70/006. United Nations Development Programme, pages 1-2, (Prime File, FAO/SP).

UNDP (1979). Tripartite review report on SAM/77/001 - baitfish culture. United Nations Development Programme, 3 pages, (Prime File).

United States National Marine Fisheries Service (1972). Narrative report M/V Anela charter cruise. [baitfishing and tuna pole-and-line fishing], 11 pages plus appendices, (Prime File).

Uwate, R. (1984). A review of aquaculture activities in the Pacific Islands region. Pacific Islands Development Programme, East-West Center, Honolulu, Hawaii, [Western Samoa pages 21-1 to 21-19], (Fish Lab, FAO/SP).

Uwate, R. and Kunatuba, P. (1984). Aquaculture development in the Pacific Islands region. Pacific Congress on Marine Technology, Pacific Islands Development Program, Honolulu, 21 pages, (Fish Lab).

Uwate, R., Kunatuba, P., Raobati, B. and Tenakanai, C. (1984). A review of aquaculture activities in the Pacific Islands region. Pacific Islands Development Program, East-West Center, Honolulu, (Fish Lab, FAO/SP).

Van Pel, H. (1954). A report on the possibilities of fish culture in ponds in Western Samoa. South Pacific Commission, Noumea, pages 1-7 plus appendices, (SPC Lib).

Van Pel, H. (1959). Fisheries in Western Samoa. South Pacific Bulletin, Volume 9, No. 3, pages 26-27, (SPC Lib).

Van Pel, H. (1960). Report on the sea fisheries of Western Samoa. South Pacific Commission, Noumea, 23 pages, (SPC Lib D639.2 SPC).

Van Pel, H. (1961). SPC fisheries investigation in Western Samoa. South Pacific Bulletin, January 1961, South Pacific Commission, Noumea, (SPC Lib).

Van Pel, H. (1961). A guide to South Pacific Fisheries. [short 1 page section on Western Samoa], South Pacific Commission, Noumea, 72 pages, (SPC Lib d639.2 SPC2).

Vergne, P., Bryan, P., and Broadhead, G. (1978). Large scale production of the top minnows (<u>Poecilia</u> <u>mexicana</u>) in American Samoa and the testing of their efficiency as tuna bait. [includes fishing in Western Samoa], Pacific Tuna Development Foundation, Technical Bulletin Number 1, 41 pages, (SPC Tuna Lib).

Vesi, L. (1977). Polokalame o fauga-va'a. [boat construction], Laufasi Ola,30,Department of Agriculture, Forests, and Fisheries, pages 22-23, (Agri Lib).

Villaluz, D. (1972). Aquaculture possibilities in some islands of the South Pacific. DP/RAS/ 69/102/12, FAO, Rome, pages 1-47, (FAO/SP).

Vodonaivalu, S. (in press). A botanical survey of the tidal forest (Mangal) of Fiji, Tonga, and Western Samoa. Technical Report Institute of Marine Resources, University of the South Pacific, Suva, (IMR).

Vojnich, O. (1914). Palolo day. Mid-Pacific Magazine, volume 7, pages 249-253, (cited in Holmes 1984).

Von Bulow, W. (1902). Fishing rights of the natives of German Samoa. In: Globus, LXX XII, pages 40-41, translated from German by C. Johannes, Appendix C in Johannes 1982, (FAO/SP).

Wass, R. (1984). An annotated checklist of the fishes of Samoa. NOAA Technical Report, NMFS SSRF-781, Pages 1-43, (Fish McCoy, FAO/SP).

Wass, R. (undated). Samoan bottomfish. [poster with 50 fish], Office of Marine Resources, American Samoa Government, Pago Pago, (Fish McCoy).

Waugh, G. (1986). The development of fisheries in the South Pacific region with reference to Fiji, Solomon Islands, Vanuatu, Western Samoa and Tonga. Islands/Australia Working Paper no. 86/2, National Centre for Development Studies, Australia, 34 pages, (USP).

Western Samoa World Food Committee (1986). E taua ia ma figota mai lou gataifale. [notes on fishes and shellfishes of Western Samoa and conservation measures of the marine environment], 23 pages, (Fish Lib).

Whipple, A. (1954). Yankee whalers in the south seas. Doubleday & Co.,Garden City,New York, (cited in Holmes 1984).

Whistler, A. (1976). Wetland vegetation of American Samoa. U.S. Army Corps of Engineers, Pacific Ocean Division, Contract DACW84-76-C-0013, 93 pages, (Amsam CZMP).

Whitmee, S. (1875). On the habits on <u>Palolo</u> <u>viridis</u>. Proceedings of the Zoological Society of London, London, pages 496-502, (cited in Johannes 1981).

Whitney, H. (1955). An analysis of the design of the major sea-going craft of Oceania. M.A. thesis, University of Pennsylvania, 93 pages, (cited in Coppell 1978).

Wilkes, C. (1849). Narrative of the United States Exploring Expedition. Volume 2. 476 pages plus 30 appendices, [pages 122-123 on traditional fishing, 143-145 on canoes], (Nelson Lib 910.4).

Wilkins and Davies Industries, Ltd. (1979). Proposed cold storage and freezer complex Apia, Western Samoa. 12 pages plus diagrams, (UNDP Lib).

Winterstein, E. (1977). Report on research cruise of French research ship, R/V Coriolis. 1 pages, (Prime File).

Witzell, W. (1972). The future (or fate). of the Western Samoa turtle project. Working Paper 4, 5th Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-2, (SPC Lib).

Witzell, W. (1972). The hawksbill turtle (<u>Eretmochelys</u> <u>imbricata</u>) in Western Samoa. Working paper 3, 5th Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-22, (SPC Lib).

Witzell, W. (1972). To live or not to live. International Turtle and Tortoise Society Journal, volume 6. Pages 32-35.

Witzell, W. (1974). The conservation of the Hawksbill turtle in Western Samoa. South Pacific Bulletin, First Quarter 1974, 4 pages, (SPC Lib).

Witzell, W. (1982). Observation of the green sea turtle in Western Samoa. Copeia 1982, no. 1, pages 183-184.

Witzell, W. and Banner, A. (1980). The Hawksbill turtle (<u>Eretmochelys</u> <u>imbricata</u>) in Western Samoa. Bulletin of Marine Science, volume 30, no. 3, pages 571-579, (Fish Lib).

Woodworth, W. (1907). The Palolo worm <u>Eunice viridis</u> (Gray). Bulletin Museum of Comparative Zoology, Harvard, volume 51, pages 1-21, (cited in Caspers 1984).

Yamashita, U. (1979). Particulars of bottom line fishing and bait and skipjack fishing. [includes bottom fishing at Pasco Bank, drift net sets], 8 pages plus appendices, (Fish File).

Yamashita, U. (various). Reports of fishing trips on Tautai Samoa. (Fish File).

Zann, L. (in press). Traditional and introduced fishing craft in the South Pacific. Proceedings of the Fiji Society, (IMR).

Zann, L., Bell, L. and Sua, T. (1984). A preliminary survey of the inshore fisheries of Upolu Island, Western Samoa. Technical Report 100, Institute of Marine Resources, University of the South Pacific, Suva, 10 pages, (Fish Lab, USP Lib pac SH 319.s2 Z36).

Zavala, B. (1985). Training course for water quality monitoring and analysis, May 6-10, 1985, Apia Observatory. 8 pages plus appendices, (Fish Lab).

# **References Listed by Subject**

## Annual Reports

Department of Agriculture, Forests, and Fisheries (1957). Annual report. (SPC Lib 1/AR).

Territory of Western Samoa (1961). Department of Agriculture, Forests, and Fisheries annual report for 1960. (cited in Uwate et al 1984).

Department of Agriculture, Forests, and Fisheries (1961). Annual report for 1960. 35 pages plus appendices, [pages 30-31 on fisheries], (Nelson Lib R 630 9961 4 WES).

Department of Agriculture, Forests, and Fisheries (1973). Annual report for 1972. 85 pages plus appendices, [pages 51-56 on fisheries], (Fish Lab).

Travis, W. (1973). Fisheries Division annual report 1972. (Prime File).

Fisheries Division (1976). Annual report 1975. Pages 1-8, (FAO/SP).

Philipp, A. (1980). Fisheries Annual report 1979. pages 1-13, (Fish Lab, FAO/SP).

Philipp, A. (1981). Fisheries Division Annual Report - calendar year 1980. Department of Economic Development. Pages 1-13, (Fish Lab, FAO/SP).

Philipp, A. (1982). Fisheries Division Annual Report - calendar year 1981. Department of Economic Development. Pages I-II, (Fish Lab, FAO/SP).

Philipp, A. (1983). Fisheries Division annual report - calendar year 1982. Ministry of the Department of Economic Development, Western Samoa. Pages 1-14 plus appendices, (FAO /SP).

Philipp, A. (1984). Fisheries Division annual report calendar year 1983. Department of Agriculture Forests and Fisheries, 5 pages plus appendices, (FAO/SP).

Department of Agriculture, Forests, and Fisheries (1984). Fisheries Division annual report, calendar year 1983. 5 pages, plus appendices, (Fish Lab).

Faasili, U. (1985). Annual report calendar year 1984. 19 pages, (Fish Faasili, FAO/SP).

Department of Agriculture, Forests, and Fisheries (1985). Annual report 1984. [Fisheries Division pages 36-49], (Fish Faasili, Econ Lib).

Faasili, U. (1986). 1985 Fisheries annual report. 13 pages, (Fish Faasili, FAO/SP).

Faasili, U. (1987). 1986 Fisheries annual report. 11 pages, (FAO/SP).

### Aquaculture

Afamasaga, R. (1983). Samoa mussels are bulging. Pacific Magazine, September/October 1983, 1 page, (Fish Bell).

Bell, L. (1984). Mussel spatfall survey in Asau Bay. Pages 1-4, (Fish File, FAO/SP).

AQUACOP (1978). Mission Samoa. [French report on visit of 6-8 August 1978 on aquaculture potential in Western Samoa], (cited in Bell 1984).

Bell, L. (1984). Aquaculture: a potential for development for Western Samoa. Department of Agriculture, Forests and Fisheries, Apia, 25 pages, (Fish Lab).

Bell, L. (1985). Training on mussel propagation in Tahiti 26 Aug. - 13 Sept. 1985. Fisheries Division, Western Samoa, pages 1-6, (Fish Lab, FAO/SP).

Bell, L. (1985). Mussel (Perna viridis) trials in Fagaloa. 2 pages, (Fish Bell).

Bell, L. (1985). Aquaculture of bivalves in the Pacific islands. 18 pages plus diagrams, (Fish Bell).

Bell, L. (1985). Aquaculture of fresh water mollies, grass carp, trout, and catfish in the South Pacific. 14 pages, (Fish Bell).

Bell, L. (1985). Preliminary survey results of Mr. Tipi's land for small fish farm. 3 pages, (Fish Bell).

Bell, L. and J. Albert (1983). Progress report on the green mussel culture project in Western Samoa, April 1983. SPC Fisheries Newsletter No. 25 April - June 1983, South Pacific Commission, Noumea, pages 12-16, (FAO/SP).

Bell, L. and J. Albert (1984). First harvest results from the green mussel culture project in Western Samoa. SPC Fisheries Newsletter No. 29, April - June 1984, South Pacific Commission, Noumea, pages 24-26, (FAO/SP).

Bell, L., J. Albert, and J. Schuster (1983). Update report on the green mussel culture project in Western Samoa. SPC Fisheries Newsletter No. 26, July - September 1983, South Pacific Commission, Noumea, pages 24-28, (Fish Lib, FAO/SP).

Bell, L., J. Albert, and J. Schuster (1983). Techniques, operation and production of the prawn (<u>Macrobrachium</u> <u>rosenbergii</u>) hatchery of Western Samoa. Fisheries Division, 31 pages, (Fish Lab).

Bell, L. (1986). Fa'ateleina 0 le atina'e maso. [mussel culture], Laufasi Ola, volume 30, no. 1, pages 6-7, (Agri Lib).

Department of Economic Development (1976). Prawn development project: request for foreign aid. 12 pages, (Fish Lab, SPC Smith: Western Samoa file).

Feldman, G. (1976). Report on the design and construction of a pilot scale baitfish culture facility for Western Samoa. Fisheries Division, Apia, 7 pages, (Fish Faasili, Fish Lib).

Gopalakrishnan, V. (1977). Expansion of pond culture facilities for the baitfish culture project, Western Samoa. Pages I-II [plus sketches], (Prime Files, FAO/SP).

Gundermann, N. and D. Popper (1983). Giant prawn hatchery in Western Samoa - experiments and procedures. Paper presented at the First Biennial Conference on Warm Water Aquaculture - Crustacea, Brigham Young University, Laie, Hawaii, (FAO/SP, draft report in Fish File).

Helm, N. (1987). Giant clam hatchery project proposal. 6 pages, (Fish Lib).

Hollyer, J. (1984). Troubleshooting the Vaitoloa syndrome - A post-mortem on a baitfish project. Apia, 5 pages, (Fish Lab).

Kearney, R. and M. Rivkin (1981). An examination of the feasibility of baitfish culture for skipjack pole-and-line fishing in the South Pacific Commission area. Skipjack Survey and Assessment Programme Technical Report No.4, South Pacific Commission, Noumea, 23 pages, (Fish Lib, SPC Lib).

Kunatuba, P. and R. Uwate (1983). Findings from an August 1983 survey of aquaculture perceptions and awareness in the Pacific Islands. Pacific Islands Development Program, East-West Center, Honolulu, 13 pages, (Fish Lab).

Kurakake, T. (1980-82). Period reports no. 1-8. [shrimp culture, in Japanese], (JICA File).

Kurakake, T. (1982). Final report. [shrimp culture, in Japanese], 7 pages, (JICA File).

Kurakake, T. (1982). Giant Malaysian Prawn, <u>Macrobrachium</u> <u>rosenbergii</u>, in Western Samoa. Japan Overseas Cooperation Volunteers, 8 pages plus appendices, (Fish Lab, JICA File).

Meecham, K. (1986). Draft report of the aquaculture mission to the South Pacific. UNDP/FAO South Pacific Regional Fisheries Development Programme, pages 1-27, (FAO/SP).

Munro, J. (1986). Fisheries for giant clams (Tridacna: Bivalvia) and prospects for stock enhancement. International Center for Living Aquatic Resource Management, South Pacific Office, Townsville, pages 1-25, (FAO/SP).

New, M. (1982). An experiment in rearing fresh water prawns in brackish water. Developments in Aquaculture and Fiaheries Science, volume 10, page 173. Popper, D. (1979). FAO/UNDP bait culture in Western Samoa. 4 pages, (FAO/SP).

Popper, D. (1982). Baitfish and prawn culture in Western Samoa. FI:DP/SAM/77/001, FAO, Rome, 21 pages, (Fish Lab, FAO/SP).

Popper, D. (undated). Bait culture project in Western Samoa. 4 pages, (Fish Lab, FAO/SP).

Popper, D. (undated). Report on duty travel to Hawaii, March 15-March 26. [prawn culture], 7 pages, (Fish Lib).

Schug, D. and Y. Shang (1983). An economic feasibility study of culturing topminnows as an alternative baitfish for skipjack tuna fisheries in Hawaii, American Samoa, Guam, and the Northern Mariana Islands. [Table 6 on economics of using mollies on alias near FADs], Pacific Business Center, Uni versi ty of Hawaii, 32 pages plus appendices, (Amsam CZMP).

Sua, T. (1986). Farming the green mussel. Pages 1-8, (Fish Lab, FAO/SP).

Sua, T. (1986). Small-scale prawn hatchery operations and management report, 04 August - 25 September. (Fish Lab).

UNDP (1979). Tripartite review report on SAM/77/001 - baitfish culture. United Nations Development Programme, 3 pages, (Prime File).

Uwate, R. (1984). A review of aquaculture activities in the Pacific Islands region. Pacific Islands Development Programme, East-West Center, Honolulu, Hawaii, [Western Samoa pages 21-1 to 21-19], (Fish Lab, FAO/SP).

Uwate, R., and P. Kunatuba (1984). Aquaculture development in the Pacific Islands region. Pacific Congress on Marine Technology, Pacific Islands Development Program, Honolulu, 21 pages, (Fish Lab).

Uwate, R, P. Kunatuba, B. Raobati, and C. Tenakanai (1984). A review of aquaculture activities in the Pacific Islands region. Pacific Islands Development Program, East-West Center, Honolulu, (Fish Lab, FAO/SP).

Van Pel, H. (1954). A report on the possibilities of fish culture in ponds in Western Samoa. South Pacific Commission, Noumea, pages 1-7 plus appendices, (SPC Lib).

Vergne, P., P. Bryan, and G. Broadhead (1978). Large scale production of the top minnows (<u>Poecilia mexicana</u>) in American Samoa and the testing of their efficiency as tuna bait. [includes fishing in Western Samoa], Pacific Tuna Development Foundation, Technical Bulletin Number 1, 41 pages, (SPC Tuna Lib).

Villaluz, D. (1972). Aquaculture possibilities in some islands of the South Pacific. P/RAS/9/ 02/12, FAO, Rome, pages 1-47, (FAO/SP).

### **Bibliographies on Samoa**

Coppell, W. (1978). Catalogue of theses and dissertations relating to the Samoan Islands. Selected Bibliography No.5, University of the South Pacific Library, Suva, 31 pages, (USP Lib Z 4891.C6).

Gillett, R. and T. Sua (1987). Western Samoa fisheries bibliography. Document 87/5, FAO/UNDP Regional Fishery Support Programme, Suva, 77 pages, (Fish Lib, FAO/SP).

Holmes, L. (1984). Samoa Islands bibliography. Poly Concepts Publishing Company, Wichita, [pages 90-92 on fishing], (USP Lib pac Z 4891.S3).

Johnson, E. (1955). Bibliographic list of books, magazine articles, notes and some unpublished material [on Samoa]. Pago Pago, (USP Lib pac z 4891 J64).

Pereira, J. (1983). General bibliography - a checklist of selected material on Samoa - Volume 1. University of the South Pacific Extension Services, Western Samoa, [pages 235-244 on fisheries], (FAO/SP).

Taylor, C. (1965). A Pacific bibliography. Clarendon Press, Oxford, [pages 284-285 on fishing in Samoa], (SPC Lib).

#### Boats, Boatbuilding, and Boatcraft Ltd.

AECOS (1982). Small business opportunities related to tuna fishing and processing in American Samoa. [contains 11 pages on alia economics], Small Business Center, University of Hawaii, 21 pages plus appendices, (Amsam CZMP).

AECOS (1983). Central and Western Pacific regional fisheries development plan, volume 4. [Table 7.4 on alia economics], Pacific Basin Development Council, project no. 81-ABH-00017, National Marine Fisheries Grant, Honolulu, (Amsam CZMP).

Anon (undated). Boa tcraft profitability statement from 1978 projected to 1981. Pages 1-5, (FAO/SP).

Anon (undated). By-laws of the Boatcraft Co-operative Society Incorporated. Pages 1-12, (FAO/SP).

Anon (undated). How much fish need to be caught to make profit? [alia catamaran economics], pages 1-2, (FAO/SP).

Anon (undated). Paper on the various activities initiated and carried out by the FAO/DANIDA Village Fisheries Development Project and how to continue these activities after FAO staff's departure in June 1980. Pages 1-4, (FAO/SP).

Department of Economic Development (1980). Alia fishing in Western Samoa – an analysis of the present situation. Pages 1-5, (FAO/SP).

Dyson, J. (1986). Assistance to Japanese trust fund mission. [boa tbuilding], pages I II plus appendices, (FAO/SP).

Faasili, U. (1977). Annual survey for motorized fishing boats - Upolu Island 1977.6 pages plus appendix, (Fish Fasili, Fish File).

Furuno Electric Company (undated). Tautai Samoa finished plan - radar, echosounder, SSB radio, SOS buoy. (Fish McCoy).

Fyson, J (1971). Report on travel to Noumea, Fiji, Western Samoa, and American Samoa. boats], SOP/REG/I02, FAO, Rome, (cited in Pereira 1983).

Gulbrandsen, O. (1975). Boats for village fishery in Western Samoa. Working Paper 5, ICLARM-SPC Small Boat Workshop, Noumea, 7 pages, (Fish Lab, SPC Lib D639.2028 SPC).

Gulbrandsen, O. (1984). Ten years boat development in the South Pacific – What can we learn from it? Working Paper 14, 16th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, (FAO/SP).

Gulbrandsen, O. (1986). Report on travel to Papua New Guinea, Solomon Islands, Kiribati, Fiji, Tonga, and Samoa. [boats, page 17 on Western Samoa], (FAO/SP).

Gulbrandsen, O. and A. Overa (1977). Village fisheries development in Western Samoa. FAO DANIDA Village Fisheries Development Project TF /WES6/DEN, Field Report no. 2, pages 25-28, (Fish Lib).

Gulbrandsen, O. and A. Overa (undated, 1975?). Boats designed for a village fishery in Western Samoa. (FAO/SP).

Gulbranldsen, O. and A. Overa (1978). The FAO/Danida Village Fisheries Development Project in Western Samoa. 10th Regional Technical Meeting on Fisheries, March 1978, South Pacific Commission, Noumea, 8 pages, (SPC Smith: Western Samoa file).

Gulbrandsen, O. and M. Savins (1986). Notes on a visit to Western Samoa. [comments on boat construction], pages 1-2, (FAO/SP).

Gulbrandsen, O. and M. Sa vins (1987). Artisanal fishing craft of the Pacific Islands. FAO/UNDP Regional Fishery Support Programme, 60 pages, (FAO/SP).

Haddon, A. and J. Hornell (1957). The canoes of Oceania Volume I. Bernice P. Bishop Museum, Special Publication 28, Honolulu, (SPC Lib).

Helm, N. (1986, 1987). Motorised fishing boats on Savaii island - Survey report on 28 November 1986 and 25 March 1987, 4 pages, (Fish Lib).

Morgan, D. (1980). Pacific pole & line aluminium-alloy tuna craft. [construction plan], 1 sheet, (Fish Lab).

Mulipola, A. (1986). Survey on motorized fishing units on the island of Savaii: 9/12 - 12/12/1986.2 pages, (Fish Lab).

Nanyo Boeki Kaisha (undated). Specifications of construction for FRP fisheries training vessel for the Government of Western Samoa. [Tautai Samoa], 60 pages, (FAO/SP).

Neich, R. (1985). Material culture of Western Samoa - persistence and change. Bulletin No. 23, National Museum of New Zealand, [canoes and fishing pages 5155], (Nelson Lib R996.14 Nei).

Neyret, J. (1974). Pirogues oceaniennes. Tome II, Association Des Amis Des Musees De La Marine, Paris, 315 pages, [traditional canoes, pages 87-94 on Samoa], (FAO/SP).

Overa, A. (1980). 9.00m Aluminium catamaran SAM-IO. [construction plans, transparancies], FAO, Apia, pages 1-4, (Fish Faasili, FAO/SP).

Overa, A. (1980). Report from a trip to Pago Pago. [possibility of exporting boats from Western Samoa], pages 1-4, (FAO/SP).

Overa, A. and O. Gulbrandsen (1976). 28ft fishing catamaran WES-8. [construction plans, transparancies], F AO, Apia, pages 1,2,5, (FAO/SP).

Overa, A. and O. Gulbrandsen (1976). 28ft V-bottom fishing boat WES- 7. [construction plans, transparancies], F AO, Apia, pages 1,2,5, (AO/SP).

Overa, A. and O. Guldbrandsen (1978). Report of the construction of first aluminium catamaran built by the FAO/DANIDA Village Fisheries Project in Western Samoa. Pages 1-3, (Fish Faasili, FAO/SP).

Philipp, A. (1981). Fishing boats for local fishermen proposed design changes to suit local conditions. [new version of alia], 2 pages, (Prime File).

Research and Development Division (1980). Analysis of the operations of boatcraft and recommended future organization. Working Paper No.2, Development Bank of Western Samoa, Pages 1-8 plus appendices, (Fish Lab, FAO/SP).

Rural Development (undated). Drawings of lanteen sail arrangement for alia. 6 pages, (Rural Dev).

Schug, D. and Y. Shang (1983). An economic feasibility study of culturing topminnows as an alternative baitfish for skipjack tuna fisheries in Hawaii, American Samoa, Guam, and the Northern Mariana Islands. [Table 6 on economics of using mollies on alias near FADs], Pacific Business Center, University of Hawaii, 32 pages plus appendices, (Amsam CZMP).

Sullivan, C. (1981). Conditions at Boatcraft. [construction of smaller version of alia], UNDP, 2 pages, (Prime File).

Time, S. (1985). Utilization of M.V. Tautai Samoa. 3 pages, (Fish File).

Travis, W. (1972). Ferro-cement industrial development project. 3 pages, (Fish File, Prime File). Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support Programme Travis, W. (1973). Report by W. Travis on his work visits to Hawaii and Ponape period February 13-28, 1973 on the establishment of a dory boat-building complex in Western Samoa, (Prime File).

Vesi, L. (1977). Polokalame 0 fauga-va'a. [boat construction], Laufasi Ola, volume 30, no. 1, Department of Agriculture, Forests, and Fisheries, pages 22-23, (Agri Lib).

Whitney, H. (1955). An analysis of the design of the major sea-going craft of Oceania. M.A. thesis, University of Pennsylvania, 93 pages, (cited in Coppell 1978).

Zann, L. (in press). Traditional and introduced fishing craft in the South Pacific. Proceedings of the Fiji Society, (IMR).

## Bottomfish

Anon (1985). Report on trial fishing at Pasco Bank. [results of 2 days of fishing by the Australian hydrographic ship "Cape Pillar"], 2 pages, (Fish File).

Brown, 1. (1981). Evaluation of the deep sea fisheries development project - report to the secretariat. South Pacific, Noumea. [section on Western Samoa], pages 1-19, (FAO/SP).

Gulbrandsen, O. (1977). Outer reef fishery in Western Samoa. Working Paper 25, 9th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-9 plus appendices, (FAO/SP).

Hume, H. and R. Eginton (1976). Report on the South Pacific Commission Outer Reef Fisheries Project in Western Samoa, 1 April - 30 October 1975. South Pacific Commission, Noumea, 19 pages, (Fish Lib, SPC D639.2 SPC A-B).

Mizenko, D. (1984). The biology of Western Samoan reef -slope snapper (Pisces: Lutjanidae) populations of: <u>Lutjanus kasmira</u>, <u>Lutjanus rufolineatus</u>, and <u>Pristipomoides</u> <u>multidens</u>. M.A. Thesis, University of Rhode Island, 66 pages, (Fish Bell).

Preston, G., P. Taumaia, and L. Chapman (1987). Report of visit to Western Samoa (1 November 1982 - 3 January 1983). Deep Sea Fisheries Development Project, South Pacific Commission, Noumea, 35 pages, (SPC Preston, draft copy in Fish McCoy).

Taumaia, P. (undated, 1976?). Falealili District report on bottom fishing demonstra tion period starting 10.5.76 - 11.6.1976. Pages 1-8, (Fish Faasili, FAO /SP).

Yamashita, U. (1979). Particulars of bottom line fishing and bait and skipjack fishing. [includes bottom fishing at Pasco Bank, drift net sets], 8 pages plus appendices, (Fish File).

#### Charts, Mapping, and Sailing Directions

British Admiralty (1964). Samoa or Navigator Islands. [nautical chart, including plans for Satuipaitea, Falealupo, Salailua, Fagalii, Vailele, Falefa, Uafato, Sili, and Faleasau], Chart No. BA 1730, (Fish McCoy, AO/SP).

British Admiralty (1976). Fiji Islands to Samoa Islands. [nautical chart], Chart No. BA 1829, (FAO/SP).

British Admiralty (1978). Plans in Samoa. [nautical chart], Chart No. BA 1339, (Fish McCoy).

British Admiralty (1978). Apia Harbor. [nautical chart], Chart No. BA 2211, (cited in catalog). CCOP /SOP AC, (1985).

Coastal process mapping workshop June 13-20, Apia, Instructors report, NR/CCOP/SOPAC(14) CR. 26-1(1), 2 pages, (Fish Lib).

Defense Mapping Agency Hydrographic Center (1976). Sailing direction for the Pacific Islands, Volume III. [chapter 7 on the Samoa Islands], Washington D.C., (FAO/SP, older version in Fish Lib).

Defense Mapping Agency Hydrographic Center (1976). Savai'i and Upolu (Western Samoa Islands). [nautical chart], Chart No. 83473, (Fish McCoy).

Defense Mapping Agency Hydrographic Center (1977). Harbors of Upolu. [nautical chart, Apia, Vailele, Falealili, and Aleipata], Chart No. 83476, (Fish Savali, McCoy).

Defense Mapping Agency Hydrographic Center (1978). Catalog of nautical charts, region 8. Washington, D.C., (FAO/SP).

Defense Mapping Agency Hydrographic Center (date unknown). Howland Island to Samoa Islands. [nautical chart], Chart No. 83010. (cited in Catalog of Nautical Charts).

Defense Mapping Agency Hydrographic Center (date unknown). Fiji Islands to Samoa. [nautical chart], Chart No. 83010, (cited in Catalog of Nautical Charts).

Gauss, G. (1980). Samoa offshore survey, 24 November, 3-6 December 1979. CCOP/SOPAC Cruise Report 34, 3 pages plus appendices, (CCOP).

Gauss, G. (1980). Samoa offshore survey, 24-28 November 1979. CCOP/SOPAC Cruise Report 31, 3 pages plus appendices, (CCOP).

Gauss, G. (1980). Samoa offshore survey, 6-24 December 1979. CCOP /SOPAC Cruise Report 35, 5 pages plus appendices, (CCOP).

Halunen, A. (1979). Western Samoa offshore survey, cruise 78-2. CCOP/SOPACCruise report 22, 7 pages, (CCOP).

Halunen, A. (1980). Samoa offshore survey, 8-13 January. CCOP/SOPAC Cruise report 40, 3 pages plus appendix, (CCOP).

Halunen, A., E. Winterstein and R. Kammer (1977). Western Samoa offshore survey (including transit Suva to Western Samoa), 20 July - 1 August 1977. CCOP/SOPAC Cruise Report 10, 4 pages plus appendices, (CCOP).

Hydrographic Service (1985). Report of survey hydrographic instruction 86 ocean bathymetric survey Western Samoa. Royal Australian Navy, (Fish Lab).

Kear, D. and B. Wood (1959). The geology and hydrology of Western Samoa. Bulletin No. 63, New Zealand Geological Survey, Department of Scientific and Industrial Research, Wellington, 90 pages, [pages 31-33 on reefs and submarine topography], (Nelson Lib R 559.613 KEA).

Royal Australian Navy (1985). Bathymetric chart of Western Samoa. (Fish Faasili, FAO/SP).

Sterns, H. T. (1944). Geology of the Samoan Islands. [includes reefs and submarine topography], Geological Society of America, Bulletin no. 55, (Amsam Bio).

## **Deepwater Shrimp**

Anon (1977). Report of a survey by the French R/V Coriolis in Western Samoa waters. [deep water shrimp], (cited in King 1980).

King, M. (1980). A trapping survey for deep water shrimp (Decapod a: Natantia) in Western Samoa. Institute of Marine Resources, University of the South Pacific, Suva, 26 pages, (Fish Lab, FAO/SP).

King, M. (1984). The species and depth distribution of deepwater caridean shrimps (Decapoda, Car idea) near some Southwest Pacific Islands. Crustaceana, volume 47, No.2, pages 174-191.

King, M. (1986). The fishery resources of Pacific island countries - part 1 - deep water shrimps. Fisheries Technical Paper 272.1, FAO, Rome, 45 pages, (FAO/SP).

### Environmental Issues

Curriculum Development Unit, (1986). Environmental Education: Year 9, Teachers guide, 39 pages, [pages 22-24 on boat shapes], (CDU Malifa).

Dahl, A. and A. Lambert (1977). Environmental impact on a Samoan coral reef: a re-survey of Mayor's 1917 transect. Pacific Science, volume 31, no. 3, pages 309-319, (cited in Pereira 1983).

#### **Extended Economic Zone Affairs**

Anon (1982). Report to substantiate aid for Lands and Survey Department to create an exclusive economic zone for Western Samoa. 4 pages, (Fish File).

Anon (undated, 1972?). Foreign fishing in Western Samoa. 3 pages, (Prime File).

Government of Western Samoa (1977). Exclusive Economic Act 1977. [in Samoan and English], 31 pages, (Fish Faasili, Prime Vito).

Klawe, W. (1978). Estimates of catches of tunas and bill fish by the Japanese, Korean, and Taiwanese longliners from within the 200 mile economic zone of the member countries of the South Pacific Commission. Occasional Paper No.IO, South Pacific Commission, Noumea, 41 pages, (Fish Lib, FAO/SP).

Moore, G. (1985). Coastal zone requirements for foreign fishing. [Western Samoa included in tables], Legislative Study No. 21, Rev. 2, FAO, Rome, 297 pages, (Fish McCoy, FAO/SP).

Office of Attorney General (undated, 1980?). Report on management of the exclusive economic zone. 10 pages, (Prime File).

Shepard, M. (1980). Preliminary review of distant-water tuna longlining for the South Pacific during 1975-1977. FFA/CR.I, Forum Fisheries Agency, Honiara, 32 pages, (SPC Tuna Lib).

Shepard, M. (1980). Preliminary review of requirements for the management of fisheries in the exclusive economic zone of Western Samoa. 60 pages plus appendices, (FAO/SP, 35 page draft in Fish File).

Skipjack Programme (1980). Skipjack fishing effort and catch, 1972-1978, by the Japanese pole-and-line fleet within 200 miles of the countries in the area of the South Pacific Commission. Skipjack Programme Technical Report No.2, South Pacific Commission, Noumea, 91 pages, (FAO/SP).

Skipjack Programme (1981). Fishing effort and catch by the 10ngline fleets of Japan (1962-77) and Taiwan (1967-77) within 200 miles of the countries in the area of the South Pacific Commission. Skipjack Programme Technical Report No.3, South Pacific Commission, Noumea, 249 pages, (Fish Lib, FAO/SP).

Suafoa, F. (1981). The impact of 200-mile extended jurisdiction on the development and management of fisheries in Western Samoa. Marine Affairs Journal, University of Rhode Island, No.7, pages 80-98.

## Fish Aggregation Devices

Boy, R. and B. Smith (1984). Design improvements to fish aggregating device (FAD) mooring systems in general use in Pacific Island countries. Handbook No. 24 (1984), South Pacific Commission, Noumea, [pages 59-61 on Western Samoa FADs], (SPC Lib).

Overa, A. (1980). Buoy for fish aggregating device. [construction plan, transparancy], FAO, Apia, (Fish Faasili, FAO/SP).

Overa, A. (1980). Report on experiences with fish aggregating devices or "FAD" in Western Samoa. Pages 1-8, (Fish Lib, FAO /SP).

Philipp, A. (1981). Fish aggregating devices - a report from Western Samoa. Information Note No. 10, Forum Fisheries Agency, Honiara, 4 pages, (Fish File).

Philipp, A. (1981). Fabrication of fish aggregating device. [construction plan for float], Fisheries Division, Apia, (FAO/SP).

Philipp, A. (1983). Country Statement - Western Samoa. [FAD construction], Working Paper 8, 15th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, (FAO/SP).

Samoa Times (1981). More fishing devices installed. Samoa Times, 27 February 1981, (FAO/SP).

Time, S. (1985). Relationship between fish aggregating devices (FADS) and tuna development in Western Samoa. [a report submitted as part of the South Pacific Commission fisheries officers training course requirements], 6 pages, (Fish Savali).

## **Fish Poisoning**

Anon (1981). Expert committee on ciguatera, Suva, Fiji, 26 February, 1981, report. South Pacific Commission, Noumea, 26 pages, (SPC Lib).

Bagnis, R. (1976). Fish poisoning in Tonga, Niue, Western Samoa, and American Samoa. South Pacific Commission, Noumea, (Nelson Lib R597 Bag, Health Lib).

Bell, L. (MS). Fish poisoning occurrences in Western Samoa. [reports 1985-1987], 1 page, (Fish Bell).

Department of Health (1984). Annual Report, 1984. 75 pages, (page 43 gives average number of fish poisoning cases for the last 10 years], (Health Info).

Observer (1986). Four admitted with fish poisoning. 5 November 1986, 1 page, (Fish Bell).

Stokes, J. (1921). Fish poisoning in Samoa. Bernice P. Bishop Museum, Occasional Papers, Volume 10, No.7, pages 229-233, (cited in Pereira 1983).

Sua, T. (1986). 0 le fa'aonanaina 0 ia vai pisia. [fish poisoning - household bleach method], Laufasi Ola, volume 30, no. 2, (Fish Lab).

## Fisheries Development

Anon (1970). Western Samoa - Village Fisheries Association operational report no. 1. Working Paper 11a, Fourth Technical Meeting on Fisheries, South Pacific Commission, Noumea, 6 pages, (SPC Lib 639.2028SPC).

Anon (1970). Western Samoa - Village Fisheries Association operational report no. 2. Working Paper 11 b, Fourth Technical Meeting on Fisheries, South Pacific Commission, Noumea, 4 pages, (SPC Lib 639.2028SPC).

Anon (1972). Government of Western Samoa progress in fisheries 1970-1972 and anticipated future developments. Territorial Report No.3, 5th Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-2, (FAO/SP).

Anon (1972). Annual report on project under execution. [fisheries projects in Western Samoa during 1971-1972], 15 pages plus appendices, (Fish File).

Anon (1976). Village Fisheries Development Project TF-WES 6 (DEN) report 1 December 1975 to 15 November 1976.8 pages plus photos, (FAO/SP).

Anon (1977). Village fisheries development in Western Samoa. pages 25-28, SPC Fisheries Newsletter, No. 15, South Pacific Commission, Noumea, (Fish Lib).

Anon (1978). Technology applied in fisheries development in Western Samoa. 2 pages plus appendices, (Fish File).

Anon (1980). Salani human development project. 35 pages [pages 7-8 on fishing industry], (FAO/SP).

Anon (undated). Paper on the various activities initiated and carried out by the FAO/DANIDA Village Fisheries Development Project and how to continue these activities after FAO staff's departure in June 1980. Pages 1-4, (FAO/SP).

Asian Development Bank (1985). Western Samoa agriculture sector study: volume 1, recommended strategies and programs. [pages 11-12, 133-147, 230-239 on fisheries], (Fish Lab, FAO/SP).

Asian Development Bank (1985). Western Samoa agriculture sector study: volume 2, background and sector review. [pages 94-102 on fisheries], (Fish Lab, FAO/SP).

Barker, J. (1982). Incentives, income, and institutions: an inquiry into fisheries development in Western Samoa. University of California thesis, (Univ Cal GN671.S2 B37 Spec Coll: Thesis Coll).

Brown, I. (1981). Evaluation of the deep sea fisheries development project - report to the secretariat. South Pacific, Noumea. [section on Western Samoa], pages 1-19, (FAO/SP).

Chakroff, M. and R. DuBois (1981). Marine fisheries case studies. [problems and successes of marine fisheries projects, Western Samoa is one of 5 countries examined], Case Study Peace Corps, No.1, Washington, 122 pages.

Department of Economic Development (1976). Fisheries development in Western Samoa. 20 pages, (Fish Lab, Econ Lib).

Department of Economic Development (1977). Review of the progress of development projects in the third five-year plan, January 1975 - March 1977. Government of Western Samoa, [pages 42-44 on fisheries], (Fish Lib).

Department of Economic Development (1979). Fourth micro projects programme. [Fisheries development; supply of locally made improved small fishing boats], 3 pages plus annexes. (Rural Dev).

Department of Economic Development (1984). Western Samoa's fifth development plan 1985-87. 176 pages [61-64 on fisheries], (Fish Lab).

Eckles, J. (undated). Village fisheries report no. 3 Aiga I Le Tai District. Pages 1-6, (Fish Lab, FAO/SP).

Enari, K. (1973). Fisheries development - a report of a meeting of August 1973. 3 pages, (Prime File).

Food and Agriculture Organization (1981). A report for the Village Fisheries Development Project, Samoa - project findings and recommendations. FAO/TFWES/6(DEN), FAO, Rome, 34 pages, plus appendices, (Fish Lab).

Food and Agriculture Organization (undated). FAO/DANIDA Village Fisheries Development Project - project findings and recommendations. 23 Pages, (FAO/SP).

Government of the Republic of China (1973). Development of a fishing industry in Western Samoa. 3 pages, (Prime File).

Pati (1973). Taiwanese proposal - their recommendations for Western Samoa inshore fisheries development. 3 pages, (Prime File).

Philipp, A. (1978). Fisheries development in Western Samoa. Tenth Regional Technical Meeting on Fisheries, March 1978, South Pacific Commission, Noumea, 2 pages, (SPC Smith: Western Samoa file).

Rehman, H. (1983). Agriculture in Western Samoa - problems and strategies for development. Ph.D dissertation, Pacific Western University, 307 pages, [128-131 on fisheries], (FAO Lib).

Rural Development (1978). Inspecting team report on Rural Development fishing units. 5 pages, (Rural Dev).

Shepard, M. (1983). Draft report - Western Samoa. [includes listing of recent fisheries assistance programmes], 8 pages plus appendix, (FAO Lib).

Shepard, M. and L. Clark (1984). South Pacific fisheries development assistance needs. FAO/UNDP, 91 pages plus appendices, (FAO/SP).

Tra vis, W. (1970). Village fishermen's associations report no. 1, [inception of associations on Sa vaii], 5 pages, (Prime File).

Travis, W. (1970). Village fishermen's associations report no. 2. 3 pages, (Fish Lab, Prime File).

Travis, W. (1970). Village fishermen's associations report no. 3. 3 pages, (Prime File).

Travis, W. (1970). Village fishermen's associations report no. 4, Sa vaii yearly inspection. 4 pages, (Prime File).

Travis, W. (1972). Joint American & Western Samoan interest and participation in fisheries development. 3 pages, (Prime File).

Travis, W. (1972). Western Samoa - logical fisheries development. 11 pages, (Prime File).

Travis, W. (1972). Western Samoa's needs in fisheries development. 3 pages, (Prime File).

Travis, W. (1972). Report by fisheries officer on his visit to the west coast of America to obtain physical Support for various Western Samoa fisheries development projects. 12 pages, (Prime File).

Travis, W. (1973). Terminal report. [recommendations for the Fisheries Division and for general fisheries development], 20 pages, (Prime File).

Tuimalealiifano, S. (1973). Report on fish industry. [establishment of fishing base and small cannery], 2 pages, (Prime File).

Waugh, G. (1986). The development of fisheries in the South Pacific region with reference to Fiji, Solomon Islands, Vanuatu, Western Samoa and Tonga. Islands/Australia Working Paper no. 86/2, National Centre for Development Studies, Australia, 34 pages, (USP).

#### **Fisheries Division**

Anon (1973). Fisheries Division - objectives, worktasks, and organization. Pages 1-8 plus appendix, (FAO/SP).

Forum Fisheries Agency (1986). The structure and role of the Fisheries Division in Western Samoa. FFA Report 86/2, Southpac Fisheries Consultants, 101 pages, (FFA, draft report by J. Crossland in Fish McCoy).

Fukumitsu, S. (1978). Period report no. 1. [basic information on Fisheries Division, in Japanese], 4 pages, (JICA File).

Gupta, J. and S. Singh. (1976). 0 and M Study of the Agriculture, Forests and Fisheries Department, Government of Western Samoa. [general description of the Fisheries Division and recommendations for improvements], Commonwealth Secretariat, London. 199 pages, 14 appendices, [pages 84-98 on Fisheries Division], (Alafua Lib).

Kinuta, H. (1978). Period report no. 1. [includes basic information on Fisheries Division, in Japanese], 4 pages, (JICA Files).

Suga, N. (1981). Period report no. 1. [basic description of Fisheries Division, Savaii fishing, in Japanese], 5 pages, (JICA File).

Suga, N. (1982). Period report no. 2. [activities of the Fisheries Division, fish market, mollies, turtle hatchery, Salelologa fisheries, in Japanese], 4 pages, (JICA File).

## Foreign Aid to Fisheries

Anon (1982). Report to substantiate aid for Lands and Survey Department to create an exclusive economic zone for Western Samoa. 4 pages, (Fish File).

Department of Economic Development (1976). Commercial fishing project: request for foreign aid. 9 pages, (Fish Lab).

Department of Economic Development (1976). Fisheries request for New Zealand Aid. 2 pages, (Econ Lib).

Department of Economic Development (1976). Prawn development project: request for foreign aid. 12 pages, (Fish Lab, SPC Smith: Western Samoa file).

Faasili, U. (1985). Japanese aided contributions to fisheries in Western Samoa. 5 pages, (Fish File).

Sutherland, W. (1972). Preliminary report on visit to Western Samoa. [New Zealand aid for fisheries], 21 pages, (Fish Lab).

## Gear Technology

Anon (1978). Technology applied in fisheries development in Western Samoa. 2 pages plus appendices, (Fish File).

Anon (1983). Gill netting trials carried out in Western Samoa. Fisheries Newsletter No. 25, South Pacific Commission, Noumea, pages 6-7, (SPC Lib).

Ayabe, H. (1976). Progress report no. 1. [fishing gear methods: net fishing at Fagaloa Bay, Solosolo Bay, Laulii Village, in Japanese], 5 pages, (JICA File).

Ayabe, H. (1977). Progress reports no. 2 and 3. [results August to December using longline, bottom longline, pole-and-line, gill net, trap net, in Japanese], 8 pages, (JICA File).

Ayabe, H. and K. Machimura (1977). JOCV project in the Fisheries Division. [includes results of longline, trammel net, bottom longline, horse mackerel fishing, trap net, and beach seine, in Japanese], 5 pages, (JICA File).

Boy, R. and B. Smith (1984). Design improvements to fish aggregating device (FAD) mooring systems in general use in Pacific Island countries. Handbook No. 24 (1984), South Pacific Commission, Noumea, [pages 59-61 on Western Samoa FADs], (SPC Lib).

Kinuta, H. (1978). Period report no. 1. [includes basic information on Fisheries Division, in Japanese], 4 pages, (JICA Files).

Kinuta, H. (1979). Period report no. 2. [includes Tautai Samoa, alia fishing, results of fishing in Laulii using trammel nets, Apia Bay baiting, in Japanese], 10 pages, (JICA File).

Kinuta, H. (1980). Period report no. 3. [includes gill netting for lobster, trammel netting, in Japanese], 3 pages, (JICA File).

Kinuta, H. (1980). Period report no. 4. [includes fishing with fish pots, bottom gill nets, shrimp pots, in Japanese], 19 pages, (JICA File).

Kinuta, H. (1981). Period report no. 5. [includes handlining from alia, trap netting in various locations, in Japanese], 8 pages, (JICA File).

Kinuta, H. (1981). Period report no. 6. [FADs, in Japanese], (JICA File).

Kinuta, H. (1981). Period report no. 7. [results of trap nets at several locations on Upolu, in Japanese], 10 pages, (JICA File).

Kinuta, H. (1981). Final report. [covers all above subjects, in Japanese], (JICA File).

#### **General Description**

Albert, J. (1983). Detailed outline of talk presented to <u>Natura Society</u> of Western Samoa on 18 August. [lagoon resources and their exploitation], 6 pages plus appendices, (Fish Lab).

Crossland, J. and R. Grandperrin (1979). Fisheries directory of the South Pacific Commission Region. South. Pacific Commission, Noumea, 47 pages, (Fish Lib, SPC Lib).

Fakahau, S.T. and M.P. Shepard (1986). Fisheries research needs in the South Pacific. Forum Fisheries Agency and the Canadian International Centre for Ocean Development, 94 pages, (FFA).

Guldbrandsen, O. (1976). Some aspects of marine conservation in Western Samoa. Working Paper 16, 2nd Regional Symposium on Conservation of Nature, Apia, 1417 June 1976, Pages 1-6, (Fish Faasili, FAO/SP).

Hinds, V. (1969). A fisheries reconnaissance in Western Samoa. South Pacific Commission, Noumea, 10 pages, (SPC Smith: Western Samoa file).

Hinds, V. (1969). Western Samoa, 17th-27 March, 1969 - travel diary. [general observations on fisheries], South Pacific Commission, Noumea, pages 1-2, (SPC Lib).

Hirabayashi, Y. (1978). Fishery industry in the South Pacific region. [in Japanese], pages 218-226, <u>In</u>: Fisheries in the 200 Mile Zone and in the World. Japan External Trade Organization.

Hollyer, J. and J. Albert (1982). Small scale fisheries in Western Samoa - highlights and current activities. Peace Corps Fisheries Conference, Papua New Guinea, June 1982, 4 pages, (Fish Lab).

JICA (1977). Report on the survey of fishery and agriculture in Tonga, Western Samoa, and Fiji. Report 77-25, Japan International Cooperation Agency, Translation No. 44, National Marine Fishery Service, Honolulu Laboratory, pages 23-39, (Fish Lab, FAO/SP).

Kaigai Gyogyo (1977). General matters and fishery related matters in Western Samoa and Fiji. [in Japanese], Kaigyokyo Shiryo, no. 50, pages 1-98.

Kent, G. (1980). The politics of Pacific Island fisheries. Westview Press, Boulder, Colorado, 191 pages, (Alafua Lib, SPC Lib).

May, R. (1979). South Pacific Agricultural Survey 1979 - Sector Paper on Fisheries. [contains comparisons of Western Samoa to other Pacific Island countries on fish catch, fish consumption, fish import/export, sea area, and fisheries sector loans], 44 pages, (Alafua Lib).

Philipp, A. (1982). Fisheries of Western Samoa. Alafua Agriculture Bulletin, volume 7, no. I, pages 42-46, (Alafua Lib).

Smeltzer, B. (1970). Samoa and the sea. Oceans, volume 3, no. 5, (cited in Holmes 1984).

South Pacific Islands Fisheries Development Agency (1975). Project findings and recommendations. FAO, Rome, 31 pages [pages 12, 17 on Western Samoa], (Fish Lab).

Stevenson, ? and? Marshall (1974). Generalization of the fisheries potential of coral reefs and adjacent shallow water environment. Fisheries Division, Apia, [cited in Pereira 1983].

Van Pel, H. (1959). Fisheries in Western Samoa. South Pacific Bulletin, Volume 9, No.3, pages 26-27, (SPC Lib).

Van Pel, H. (1960). Report on the sea fisheries of Western Samoa. South Pacific Commission Noumea, 23 pages, (SPC Lib D639.2 SPC).

Van Pel, H. (1961). A guide to South Pacific Fisheries. [short 1 page section on Western Samoa], South Pacific Commission, Noumea, 72 pages, (SPC Lib d639.2 SPC2).

Van Pel, H. (1961). SPC fisheries investigation in Western Samoa. South Pacific Bulletin, January 1961, South Pacific Commission, Noumea, (SPC Lib).

Zann, L., L. Bell and T. Sua (1984). A preliminary survey of the inshore fisheries of Upolu Island, Western Samoa. Technical Report 100, Institute of Marine Resources, University of the South Pacific, Suva, 10 pages, (Fish Lab, USP Lib pac SH 3I9.s2 Z36).

#### Legal Affairs

Food and Agriculture Organization (1984). Regional compendium of fisheries legislation (western Pacific region). Volumes 1 & 2, FAO, Rome, 971 pages, (Fish Lab, FAO/HQ).

Forum Fisheries Agency (1982). Comparative summary of licensing legislation. Information Paper 14, The Harmonization and Co-ordination of Fisheries Regimes and Access Agreements. FFA, Honiara, 12 pages, (SPC Tuna Lib).

Government of Western Samoa (1971). The Fisheries Protection Act 1972. 4 pages, (Prime Vito). Government of Western Samoa (1972). Fasimatea 0 i'a i fanai'a. [Samoan version of Fish Dynamiting Act 1972], 2 pages, (Prime File).

Government of Western Samoa (1972). Fish Dynamiting Act 1972. 2 pages, (Prime Vito).

Government of Western Samoa (1977). Exclusive Economic Act 1977. [in Samoan and English], 31 pages, (Fish Faasili, Prime Vito).

Government of Western Samoa (1979). Application (under section 13 of the Territorial Sea and Exclusive Economic Zone Act 1977) by the Government of Western Samoa for a total allowable fishing quota of 14,000 tons per annum from within New Zealand's exclusive economic zone. 7 pages, (Prime File).

Itano, D. (1986). Illegal fishing practices in American Samoa. 1986 Food and Farm Day Journal, pages 48-50, (Amsam Bio).

Philipp, A. (1978). [comments on] Fish dynamiting act 1972 and amendment 1978.2 pages, (Prime File).

### Lobsters and Crayfish

Chambers, J. and W. Nunes (1975). The spiny lobster in American Samoa. California Polytechnic State University, San Luis Obispo, 25 pages, (Amsam Bio).

George, R.W. (1972). South Pacific - rock lobster resources. FAO, Rome, 42 pages [Western Samoa pages 7-9]. (SPC Lib D639.54I, FAO/SP).

Kinuta, H. (1980). Period report no. 3. [includes gill netting for lobster, trammel netting, in Japanese], 3 pages, (JICA File).

## **National Marine Parks**

Bell, L. (1985). Case study: coastal zone management in Western Samoa. <u>In</u>: Report of the Third South Pacific National Parks and Reserves Conference, Apia, Western Samoa, volume 2, pages 57-73, South Pacific Commission, Noumea, (Fish Bell).

Chew, W. (1986). Aleipata Marine National Park, Western Samoa - a feasibility report. 35 pages, plus 3 annexes, (Fish Lib).

Dahl, A. (1978). Report on assistance to Western Samoa with National Parks and Conservation. South Pacific Commission, Noumea. 4 pages, (Fish Lib).

Department of Lands and Survey (1976). Lake Lanotoo - a project to establish a national park in Western Samoa. Government of Western Samoa, 9 pages, (Agri Lib).

Hansen, A. (undated). Islands of Aleipata. [wildlife sanctuary, turtles], pages 1-2, (Fish Faasili, FAO /SP).

Holloway, C. (undated). A national park system for Western Samoa. UNDP Advisory team for the South Pacific, 7 pages, (Fish Lib).

Hunter, A. (1977). Country report: Western Samoa. <u>In</u>: T. Tamura et al, Collected abstracts and Papers of the International Conference on Marine Parks and Reserves, Tokyo, 12-14 May 1975, Sabiura Marine Park Research Station, (cited in Pereira 1983).

Ollier, C., W. Whistler, and A. Amerson. (1979). 0 le Pupu-Pue National Park, Samoa. Volume 2, 10 pages, (Fish Lib).

### Oceanography

Anon (undated). Investigations into major upwelling of Tongan Trench in Western Samoan territorial waters. [report of observer on Japanese research vessel], 4 pages, (Fish Lab).

Cremoux, J. (1980). Resultats des croisieres "Tropicales" du centre ORSTOM de Noumea (1967-1977). [information on chemical oceanography from cruises of research vessel "Coriolis", one cruise passed through Western Samoa zone], 5 pages, (SPC Tuna Lib).

Winterstein, E. (1977). Report on research cruise of French research ship, R/V Coriolis. 1 page, (Prime File).

### Ornamental (AQuarium) Fish

Anon (undated). Selling live fish. [information about the export of ornamental fish from Western Samoa], 4 pages, (Fish File).

Bell, L. (1987). Exotic tropicals of Samoa. [report of the export of live marine fish from Western Samoa], 5 pages, (Fish Bell, Fish File).

#### Palolo

Anon (undated, 1983?). Palolo risings 1977-1982. 1 page, (Fish File).

Anon (undated). Tulafono poo taiala e ataata mai i faamaumauga a saenisi e faatatau i le ae 0 le palolo. [guide to prediction of palolo spawning], 2 pages, (Fish Bell).

Burrows, W. (1945). Periodic spawning of "Palolo" worms in Pacific waters. Nature, London, volume 155, pages 47-48, (cited in Caspers 1984).

Burrows, W. "Palolo", notes on the periodic appearance of the annelid worm <u>Eunice viridis</u> (Gray) in the southwest Pacific. Journal of the Polynesian Society, volume 64, no.l, pages 137-154, (cited in Caspers 1984).

Caspers, H. (1961). Beobachtungen uber Lebensraum and Schwarm periodizitat des Palolo wurms, <u>Eunice viridis</u> (polychaeta, Eunicidae). Int. Revue Ges. Hydrobiol, volume 46, pages 175-183, (cited in Johannes 1981).

Caspers, H. (1984). Spawning periodicity and habitat of the palolo Worm <u>Eunice viridis</u> (Polychaete: Eunicidae) in the Samoan Islands. Marine Biology, volume 79, pa'ges 229-236, (Fish File).

Caspers, H. (1984). Tulafono po 0 taiala e ataata mai i faamaumauga a saenisi e faatatau i le ae 0 le palolo. [guide to prediction of palolo spawning, translated by L. Bell, 1986], 2 pages, (Fish Bell).

Corney, B. (1922). Abstract of a paper on the periodicity of the swarming Palolo (Eunice viridis Gr.). Journal of the Torquay Natural History Society, volume 3, (cited in Caspers 1922).

Friedlander, B. (1898). Notes on the Palolo. Journal of the Polynesian Society, volume 7, pages 44-46, (cited in Taylor 1965).

Gray, J. (1847). An account of Palolo, sea worm eaten in the Navigator Islands. Proceedings of the Zoological Society of London, volume 15, pages 17-18, (cited in Caspers 1984).

l'igapisa, F. (1962). The rising of the palolo. South Pacific Bulletin, Volume 12, No. 3, pages 24-26, (cited in Pereira 1983).

Ioane, I. (1980). Palolo. [includes photographs], Laufasi Ola, Pages 1-7, (Agri Lib).

Johannes, R. (1981). Words of the lagoon. [pages 46-48 on the timing of palolo spawning], University of California Press, Berkeley, 245 pages, (Alafua Lib, FAO/SP).

Kramer, A. and A. Collins (1897). Uber den Bauder Korallenriff e und die Planktonvertheilung an den samoanischen Kusten...uber den Palolo-Wurm. Lipsius and Fischer, Leipzig, (cited in Taylor 1965).

MacDonald, J. (1858). On the external anatomy and natural history of the genus of Annelida named Palolo by the Samoans and Mbalolo by the Fijians. Transactions of the Linnean Society of London, volume 22, no. 16, pages 237-239, (cited in Caspers 1984).

Marschall, K. (1976). Das Fangen von Palolowurm - segmenten auf Samoa. Gottingen, Institut fur den Wissenschaftlichen Film, (cited in Pereira 1983).

McKay, C. (1953). The rising of the Palolo - a reliable astronomical formula for predicting the rising of the Palolo. SPC Quarterly Bulletin, volume 3, no. 3, South Pacific Commission, Noumea, page 35, (SPC Lib).

McNiell, F. (1954). "Palolo" - food worm of the Pacific. Australian Museum Magazine, volume 11, pages 173-174, (cited in Caspers 1984).

Miller, C., F. Pen and H. Gatty (1955). Composition and nutritive value of Palolo. Proceedings of the Hawaiian Academy of Sciences, 31st Annual Meeting, (cited in Caspers 1984).

Ring, M. (1983). Palolo, the effect of the moon and sun. Samoana High School, Pago Pago, 10 pages, (Amsam Bio).

Smeltzer, B. (1969). Night of the Palol0 (Samoa). Natural History, volume 78, no. 9, pages 64-71, (cited in Holmes 1984).

Stair, J. (1897). Palolo, a sea worm eaten by Samoans. Journal of the Polynesian Society, Volume 6, pages 141-144, (cited in Taylor 1965).

Vojnich, O. (1914). Palolo day. Mid-Pacific Magazine, volume 7, pages 249-253, (cited in Holmes 1984).

Whitmee, S. (1875). On the habits on <u>Palolo viridis.</u> Proceedings of the Zoological Society of London, London, pages 496-502, (cited in Johannes 1981).

Woodworth, W. (1907). The Palolo worm <u>Eunice</u> <u>viridis</u> (Gray). Bulletin Museum of Comparative Zoology, Harvard, volume 51, pages 1-21, (cited in Caspers 1984).

## Pasco Bank

Anon (1985). Report on trial fishing at Pasco Bank. [results of 2 days of fishing by the Australian hydrographic ship "Cape Pillar"], 2 pages, (Fish File).

Finau, S. (1983). Pasco Bank, Western Samoa - Consultancy FAO/UNDP. Pages 1-3, (FAO/SP).

Philipp, A. (1981). Pasco Bank trip. [includes map], pages 1-3, (FAO/SP).

Philipp, A. (1982). Report on Pasco Bank trip. Pages 1-2, (FAO/SP).

Yamashita, U. (1979). Particulars of bottom line fishing and bait and skipjack fishing. [includes bottom fishing at Pasco Bank, drift net sets], 8 pages plus appendices, (Fish File).

## Pollution

Bell, L. (1984). Marine pollution in Western Samoa. South Pacific Regional Environment Programme Workshop on Marine Pollution Prevention, Control, and Response, Suva, November 1984, 3 pages, (Fish File).

Inter-Govermental Maritime Consultative Organization (1980). Mission report of the interregional consultant on marine pollution Western Samoa 2-9 September 1980. 26 pages, (UNDP Lib).

### Ports and Harbours

Bremen Bremerhaven (1984). Container park study Apia Harbour. United Nations Conference on Trade and Development, 59 pages plus plans, (Econ Lib, UNDP Lib).

Fisheries Division (1987). A proposal for Apia fisheries harbour expansion. 6 pages, (Fish McCoy).

Gauss, G. (1981). Apia Harbour survey, Samoa, 19 January - 6 February 1981, 20-31 March 1981. CCOP/SOPAC Cruise Report 55, 10 pages plus appendices, (CCOP).

Gauss, G. (1982). Mulifanua and Salelologa Harbour surveys, Samoa, 7-31 March 1982. CCOP /SOP AC Cruise Report 65, 6 pages plus appendices, (CCOP).

Government of Western Samoa (1981). Western Samoa transportation study. [includes fisheries, sea transport, and proposed improvements to ports of Apia and Asau], 264 pages, (Econ Lib).

Halunen, A. (1978). Apia Harbour survey. CCOP/SOPAC Cruise Report 13, (CCOP). McCoy, M. (1987). Improvements to Apia Harbour. 3 pages, (Fish File).

Nemoto, K., T. Sugawara, and H. Saito (1981). Research report on the basic design of the fishing harbor improvement project in Apia, Western Samoa. [in Japanese], Japan International Cooperation Agency, 112 pages.

Nippon Tetrapod (1981 ?). Western Samoa project for the construction of fishing port complex. [contract for construction], 12 pages plus appendices.

Nippon Tetrapod (undated). The construction of fishing port complex - handing over materials of building. [drawings, photographs, electrical documents], (Fish McCoy).

Rubin, D. (1984). Landfill materials and harbour surveys at Apia Harbour, Mulinu'u Point, Faleolo Airport, and Asau Harbour, Western Samoa, 15 May - 4 June 1984. CCOP /SOP AC Cruise Report 98, 8 pages, (CCOP).

#### **Post Harvest**

Faasili, U. (1987). Proposed restruction of the Government Fish Market (GFM). 4 pages plus appendices, (Fish File).

Fisheries Division (1977). Fish marketing scheme for Upolu. 6 pages, (Fish Lib, SPC Smith: Western Samoa file).

Fisheries Division (1983). Post-harvest losses of fish. Government of Western Samoa, pages 1-2, (FAO/SP).

Fukumitsu, S. (1978). Period report no. 1. [basic information on Fisheries Division, in Japanese], 4 pages, (JICA File).

Fukumitsu, S. (1979). Period report no. 2. [fish marketing, in Japanese], 5 pages, (JICA File).

Fukumitsu, S. (1979). Period report no. 3. [problems with the food processing project, in Japanese], 5 pages, (JICA File).

Fukumitsu, S. (1979). Period report no. 4. [problems with the food processing project, in Japanese], 5 pages, (JICA File).

Fukumitsu, S. (1979). Period report no. 5. [visit to Pago Pago cannery, in Japanese], 7 pages, (JICA File).

Fukumitsu, S. (1980). Period report no. 6. [visit to Tonga fish processing facilities, in Japanese], 6 pages, (JICA File).

Fukumitsu, S. (1980). Final report. [problems of fish processing project, in Japanese], 7 pages, (JICA File).

Helm, N. (1986). Methods of conducting market survey of reef fish and invertebrates. 2 pages, (Fish Lib).

Helm, N. (1986). Market survey - reef and lagoon fish, progress report. 2 pages and 4 graphs,(Fish Lib).

Hollyer, J. (1983). Western Samoa's fish market guide. Pages 1-22, (Fish Lab, FAO/SP)

Howell, R. (1983). Air-shipping of fresh fish from American Samoa to markets in Hawaii. SPC Fisheries Newsletter No. 25, April-June 1983, South Pacific Commission, Noumea, (SPC Lib).

Japan Consulting Institute (1982). Technical information on fish processing plant in Western Samoa. 28 pages plus appendices, (Fish McCoy).

Leafa, A. (1982). Fish marketing and distribution in Western Samoa. Country Paper for Workshop in Hong Kong, 3 pages, (Fish Faasili).

Philipp, A. and J. Hollyer (1983). Post-harvest losses of fish in Western Samoa. Alafua Agricultural Bulletin, volume 8, no. 2, page 91-92, (Econ Lib).

Sperling, H. (1983). Some notes on fish post-harvest losses. Alafua Agricultural Bulletin, volume, 8, no. 2, page 96, (cited in ADB 1985).

Toshihara, T. (1979). Processing of fishery products in Western Samoa. Farming Japan, Volume 13, No.5, pages 53-55, (cited in Pereira 1983).

Toshihara, T. (undated). Plan of marine food processing in Western Samoa. Pages 119, (Prime File, F AO/SP).

Toshihara, T. (undated). The fish marketing in Savaii and planning the laboratory of marine food processing. 5 pages plus appendix, (Fish Faasili).

## Precious Coral

Eade, J. (1980). Review of precious coral in CCOP /SOP AC member countries. CCOP/SOPAC Technical Report 8, 12 pages, (CCOP).

#### Reefs

AECOS (1980). American Samoa coral reef inventory. U.S. Army Corps of Engineers, Pacific Ocean Division, Volumes 1 and 2, 314 and 41 pages, (Amsam CZMP).

Anon (undated). Coral reefs Pacific Ocean. Regional Seas, United Nations Environment Programme, Directories and Bibliographies, [pages 423-425 on Western Samoa], (Fish Lab).

Dahl, A. and A. Lambert (1977). Environmental impact on a Samoan coral reef: a re-survey of Mayor's 1917 transect. Pacific Science, volume 31, no. 3, pages 309-319, (cited in Pereira 1983).

Davidson, R. (1978). [information on crown of thorns starfish in Falelatai Lagoon], 1 page, (Fish Faasili).

Flanigan, J. (1983). A handbook pertaining to a reef oriented natural history of the islands of American Samoa. American Samoa Community College, 46 pages, (Amsam Bio).

Garlovsky, D. and A. Bergquist (1970). Crown-of-thorns starfish in Western Samoa.South Pacific Bullctin, 3rd quarter 1970, South Pacific Commission, Noumea, pages 7-49, (Fish File, SPC Lib).

Lamberts, A. (1983). An annotated checklist of the corals of American Samoa. Atoll Research Bulletin No. 246, Smithsonian Institute, Washington D.c., 19 pages, (Fish LAb).

Mayor, A. (1924). Structure and ecology of Samoan reefs. Department of Marine Biology, Carnegie Institute, (cited in Pereira 1983).

Pacific Islands Monthly (1978). The crown of thorns threatens Samoa's reefs. April 1978, 1 page, (Fish File).

## Refrigeration

Preston, G. and M. Vincent (1985). Fisheries sector refrigeration systems in Pacific Island countries. South Pacific Commission, Noumea, [page 82 on Western Samoa], (FAO/SP).

Wilkins and Davies Industries LTD. (1979). Proposed cold storage and freezer complex Apia, Western Samoa. 12 pages plus diagrams, (UNDP Lib).

## **Resource Management**

Bell, L. (1985). Case study: coastal zone management in Western Samoa. <u>In</u>: Report of the Third South Pacific National Parks and Reserves Conference, Apia, Western Samoa, volume 2, pages 57-73, South Pacific Commission, Noumea, (Fish Bell).

Hewson, C., F. Malele, and P. Muller (1981). Coastal area management in Western Samoa. In: M. Valencia (ed.), Proceedings of the Workshop on Coastal Area Development and Management in Asia and the Pacific, Manila, 3-13 December, 1979, pages 113-115, (SPC Wendt).

Johannes, R. (1982). Reef and lagoon management in Western Samoa. [draft report], 28 pages plus appendix, (Fish McCoy, FAO/SP).

Office of Attorney General (undated, 1980?). Report on management of the exclusive economic zone. 10 pages, (Prime File).

Reynolds, S. (1978). Conservation and management of natural resources. Department of Agriculture, Apia, 104 pages, [pages 63-69 on fisheries conservation], (UNDP Lib).

Shepard, M. (1980). Preliminary review of requirements for the management of fisheries in the exclusive economic zone of Western Samoa. 60 pages plus appendices, (FAO/SP, 35 page draft in Fish File).

Suafoa, F. (1981). The impact of 200-mile extended jurisdiction on the development and management of fisheries in Western Samoa. Marine Affairs Journal, University of Rhode Island, No.7, pages 80-98.

Western Samoa World Food Day Committee (1986). E taua ia ma figota mai lou gataifale, [notes on fishes and shellfishes of Western Samoa and conservation measures of the marine environment]. 23 pages, (Fish Lib).

#### **Statistics**

Anon (1977). Fishing units at Savaii. [listing of 60 fishing craft], 1 page, (Fish File).

Department of Statistics (undated, 1979?). Fishery catch assessment survey 1978. Apia, (Fish Lab, FAO/SP).

Faasili, U. (1977). Annual survey for motorized fishing boats - Upolu Island 1977.6 pages plus appendix, (Fish Fasili, Fish File).

Grant, C. (1977). Report on initial visits to Fiji, Solomon Islands, Tonga, Samoa, Cook Islands, Gilbert Islands, Tuvalu, and the SPC. F AO Regional Project TFRAS/53(AUL), 11 pages, (SPC Lib D639.207209 GRA).

Grant, C. (1978). A review of the state of fisheries statistics and training courses in fishery statistics in the South Pacific region. [pages 7, 39-43, 45-47 on Western Samoa] FI:TF/RAS//53(AUL), FAO, Rome, (FAO/SP).

Grant, C. (1978). Report on training courses in fishery statistics in Tonga, Cook Islands, Western Samoa, Gilbert Islands and Tuvalu. FAO Regional Project TFRAS/53/(AUL), 2 pages, (SPC Lib D639.207209 GRA).

Helm, N. (1986). A review of the reef and lagoon fishery statistics program. 2 pages, (Fish Lib).

Helm, N. (1986). Methods of conducting market survey of reef fish and invertebrates. 2 pages, (Fish Lib).

Helm, N. (1986). Market survey - reef and lagoon fish, progress report. 2 pages and 4 graphs, (Fish Lib).

Helm, N. (1986, 1987). Motorised fishing boats on Savaii island - Survey report on 28 November 1986 and 25 March 1987, 4 pages, (Fish Lib).

Matagaluega 0 Fuainumera Fa'amauina (undated, 1979?). Suesuega tau le fagotaina 0 i'a 1978. [Samoan version of 1978 fish catch survey], 15 pages, (Prime File).

Mulipola, A. (1986). Survey on motorized fishing units on the island of Savaii: 9/12 - 12/12/1986.2 pages, (Fish Lab).

Philipp, A. (1981). Estimates of Western Samoa tuna catch and effort, 1972-1978. 8 pages, (SPC Tuna: PRO 93/3/25, folio 47).

### Surveillance

Anon (1985). Patrol boat base Western Samoa site selection study. Report No. CE 85/10, Department of Housing and Construction and Department of Defense, 23 pages plus appendices, (Fish Lab).

Australian and New Zealand Civil Coastal Surveillance Assessment Team (1980). Civil coastal surveillance survey of Pacific Forum States 1980 - report prepared for the Government of Western Samoa. 40 pages plus appendices, (Fish Lab).

McCoy, M. (1987). Participation in RAAF surveillance flight, Saturday, May 2, 1987. 1 page, (Fish File).

#### **Taxonomy and Nomenclature**

Devaney, D. (1981). Identification of American Samoan freshwater crustaceans. Contract Report PODED-P-64-8I, U.S. Army Corps of Engineers, Pacific Ocean Division.

Evermann, B. and A. Seale (1923). Notes on fishes from Apia, Samoa. Copeia volume 119, pages 70-71, (cited in Wass 1984).

Fisheries Division (1986). E ta ua ia ma figota mai lou gataifale. [poster with 36 fish], (Fish Lab).

Fisheries Division (1986). Samoan Fish. [poster with 36 fish], (Fish Lab).

Fisheries Division (1986). E taua ia ma figota mai lou gataifale. [poster with 37 invertebrates], (Fish Lab).

Fisheries Division (1986). Samoan shellfish. [poster with 37 in verte bra tes], (Fish Lab).

Flanigan, J. (1972). Venomous marine animals of Samoa. 56 pages, (Amsam Bio).

Food and Agriculture Organization (1974). F AO species identification sheets for fishery purposes, eastern Indian Ocean and western central Pacific. Volumes 1 - 4, FAO, Rome, (Fish Lib, FAO/SP).

Fowler, H. (1925). Fishes of Guam, Hawaii, Samoa, and Tahiti. Bernice P. Bishop Museum Bulletin, volume 22, pages 1-38, (Alafua Lib, Amsam Bio).

Fowler, H. (1932). Fishes obtained at Samoa in 1929. Bernice P. Bishop Museum, Occasional Paper, volume 9, number 18, pages 1-16, (Amsam Bio).

Fowler, H. and C. Silvester (1922). A collection of fishes from Samoa. Carnegie Institute, Washington, Publication 312, pages 109-126, (Amsam Bio).

Garlovsky, D. (1970). Teachers handbook to the fauna of Western Samoa: A vernacular listing. 119 pages, (Nelson Lib R591.996 14 Gar, Fish Conf).

Gillett, R. (1986). Names of tuna and tuna-like fish in Western Samoa. 1 page, (FAO/SP).

Girardi, E. (1973), The genus ostodes (mollusca gastropoda) in Western Samoa. Ph.D. dissertation, Northwestern University, 161 pages, (cited in Coppell 1978).

Goo, F. and A. Banner. (1963). Samoan animal and plant names. Hawaii Marine Laboratory, University of Hawaii, Honolulu, [gives Samoan names of fishes], 67 pages, (Nelson Lib, Amsam Bio).

Henquel, Fr. (1897). List of Samoan fish names. 5 pages, (Amsam Bio).

Jordan, D. (1927). Shore fishes of Samoa. Journal of the Pan-Pacific Research Institution, volume 2, no. 4, pages 3-11, (Amsam Bio).

Jordan, D. (1929). Poisonous fishes of Samoa. American Naturalist, volume 63, pages 382-383.

Jordan, D. and A. Seale (1906). The fishes of Samoa - description of the species found in the archipelago, with a provisional check-list of the fishes of Oceania. Bulletin U.S. Bureau of Fisheries, volume 25, pages 173-488, (Nelson Lib, Alafua Lib).

Office of Marine Resources (undated). Scientific, English, and Samoan fish names. American Samoa Government. 4 pages, (Amsam Bio).

Safford, W. (1906). Glossary of principal words composing native names of Samoan fishes. <u>In</u>: D. Jordan and A. Seale, Fishes of Samoa. U.S. Department of Commerce and Labor Bulletin, 1906, pages 175-455, (Alafua Lib).

Schultz, L. (1943). Fishes of the Phoenix and Samoan Islands collected in 1939 during the expedition of the U.S.s. "Bushnell". Bulletin U.S. National Museum, volume 180, pages 1-316, (Nelson Lib).

Starmuhler, F. (1986). The fresh and brackish water gastropods of the Tongan and Samoan Islands. 9th In terna tional Malacological Congress, Edin burg, A ugustSeptember, 1986, 12 pages plus appendices, (Fish Lab).

Wass, R. (1984). An annotated checklist of the fishes of Samoa. NOAA Technical Report NMFS SSRF-781, Pages 1-43, (Fish McCoy, FAO/SP).

Wass, R. (undated). Samoan bottomfish. [poster with 50 fish], Office of Marine Resources, American Samoa Government, Pago Pago, (Fish McCoy).

### **Traditional Fishing**

Anell, B. (1955). Contribution to the history of fishing in the southern seas. Studia Ethnographica Upsa1iensia IX, 249 pages, (F AO/SP).

Auapa'au, S. (1956). Fishing methods used by Samoans. Laufasi 01a, Volume 1, No. 3, pages 1-6, (cited in Pereira 1983).

Becke, G. (1901). The tanifa of Samoa. Chambers Journal, Volume 78, pages 343345, (cited in Pereira 1983).

Churchill, I. (1898). Shooting the Apolima Passage. Forest and Stream, Dec 31, New York, (cited in Holmes 1984).

Churchill, I. (1899). Fishing the Mulivai-to. Forest and Stream, volume 53, July 22, New York, page 71, (cited in Holmes 1984).

Churchill, I. (1899). Crayfishing up the Vaivasa. Forest and Stream, volume 53, August 26, New York, page 162, (cited in Holmes 1984).

Churchill, I. (1900). The weed that catches fish. Forest and Stream, volume 55, September 1, New York, pages 162-163, (cited in Holmes 1984).

Churchill, I. (1900). Torches on the reef. Forest and Stream, volume 55, September 15, New York, pages 202-303, (cited in Holmes 1984).

Churchill, I. (1900). Fish shooting in Samoan seas. Forest and Stream, September 20, New York, (cited in Holmes 1984).

Churchill, I. (1900). South seas white bait. Forest and Stream, October 27, New York, page 331, (cited in Holmes 1984).

Churchill, I. (1901). Starving on trackless seas. Forest and Stream, October 5, New York, (cited in Holmes 1984).

Churchill, W. (1899). Samoan canoe craft. Outing, volume 35, pages 75-77, (cited in Johnson 1955).

Churchill, W, (1911). Beach la mar. [sic], Carnegie Institute, Washington, (cited in Johnson 1955).

Cox, P. (1979). The use of indigenous plants as fish poisons in Samoa. Economic Botany, volume 33, no. 4, pages 397-399, (cited in Pereira 1983).

Demandt, E. (1913). Die Fischerei der Samoaner. <u>In</u>: Eine Zusammenstellung der Bekanntesten Method des Fanges der Seetiere bei den Eingebornen. [compilation of the best known fishing methods of the Samoans], Mitteilungen aus dem Museum fur Volkerkunde Hamburg, volume 3, no. 1, pages 1-142, (cited in Wass 1984).

Demandt, E. (1914). Seefauna und Fischerei in Samoa. Mitt. Deutsch. Seefisch., yol ume 30, no. 3, pages 106-117.

Emory, K., W. Bonk, and Y. Sinoto. (1959). Fishhooks. Special Publication 47, Bernice P. Bishop Museum, Honolulu, 77 pages, (USP Lib).

Faasili, U. (1974). Bonito fishing in Western Samoa. 35 pages. Green, R. and J. Davidson (1969). Archaeology in Western Samoa, Volume 1. Bulletin of the Auckland Institute and Museum, Auckland, 275 pages, [pages 244 245, 265 on fishing gear], (Nelson Lib R 913.9614 Gre).

Gudger, E.W. (1927). Wooden hooks used for catching sharks and <u>Ruvettus</u> in the south seas; a study of their variation and distribution. Anthropological Papers of the American Museum of Natural History, Vol XXVIII, New York, 149 pages, (SPC Lib).

Haddon, A. and J. Hornell (1957). The canoes of Oceania Volume 1. Bernice P. Bishop Museum, Special Publication 28, Honolulu, (SPC Lib).

Herman, Br. (1970). Tales of ancient Samoa. [includes: Manu and his bonito canoes, the origin of the bonito hook, the manini fish of Samoa, the two mouthed sea cucumber, the octopus and the rat], The Book Shop, Samoan Church, Pago Pago, 118 pages, (Nelson Lib 398.2 HER).

Hiroa, T. (1930). Samoan material culture. Bulletin No. 75, Bernice P. Bishop Museum, Honolulu, Hawaii, 724 pages, (SPC Lib).

Holmes, L. (1974). Samoan Village. Case Studies in Cultural Anthropology, Stanford University, 108 pages [pages 46-48 on traditional fishing], (Nelson Lib).

Hornell, J. (1950). Fishing in many waters. [section on traditional Samoan skipjack fishing], University Press, Cambridge, 210 pages, (SPC Lib 639.2 HOR).

Moyle, R. (1984). The Samoan journals of John Williams 1830 and 1832. Pacific History Series No. 11, Australian National University Press, Canberra, [pages 226-227 on fishing], (Nelson Lib R919.61304 Moy).

Neich, R. (1985). Material culture of Western Samoa - persistence and change. Bulletin No. 23, National Museum of New Zealand, [canoes and fishing pages 51-55], (Nelson Lib R996.14 Nei).

Neyret, J. (1974). Pirogues oceaniennes. Tome II, Association Des Amis Des Musees De La Marine, Paris, 315 pages, [traditional canoes, pages 87-94 on Samoa], (FAO/SP).

Powell, T. (1877). On the nature and mode of use of the vegetable poisons employed by the Samoan Islanders. Linnean Society Journal of Botany, volume 16, pages 55 60, (cited in Holmes 1984).

Thilenius, G. (1900). Bonito - und Haifang in Alt - Samoa. Globus Volume 78, pages 127-129, (cited in Pereira 1983).

Von Bulow, W. (1902). Fishing rights of the natives of German Samoa. In.: Globus LXX XII, pages 40-41, translated from German by C. Johannes, Appendix C in Johannes 1982, (FAO/SP).

Whitney, H. (1955). An analysis of the design of the major sea-going craft of Oceania. M.A. thesis, University of Pennsylvania, 93 pages, (cited in Coppell 1978).

Wilkes, C. (1849). Narrative of the United States Exploring Expedition, Volume 2, 476 pages plus 30 appendices, [pages 122-123 on traditional fishing, 143-145 on canoes], (Nelson Lib 910.4).

Zann, L. (in press). Traditional and introduced fishing craft in the South Pacific. Proceedings of the Fiji Society, (IMR).

## Training

Albert, J. (1983). Detailed outline of talk presented to <u>Natura</u> <u>Society</u> of Western Samoa on 18 August. [lagoon resources and their exploitation], 6 pages plus appendices, (Fish Lab).

Anon (1981). Report on the inshore and nearshore resources training workshop, Suva, Fiji,13-17 July 1981. University of the South Pacific, [pages 70-71 on Western Samoa], (Fish Lab).

Behan, R. (1972). Ecology: the sea. [marine education text for Samoan students incorporating local names], volume 1 & 2, Department of Education, Government of American Samoa, 103 & 58 pages, (Amsam Bio).

Curriculum Development Unit, (1986). Environmental Education: Year 9, Teachers guide, 39 pages, [pages 22-24 on boat shapes], (CDU Malifa).

Garlovsky, D. (1970). Teachers handbook to the fauna of Western Samoa: A vernacular listing. 119 pages, (Nelson Lib R591.996 14 Gar, Fish Conf).

Gillett, R. (1987). Notes on the training of Western Samoa seamen for employment on Pago Pago based purse seiners. FAO/UNDP Regional Fishery Support Programme, Suva, 30 pages, (Fish Lib, FAO/SP).

Grant, C. (1978). A review of the state of fisheries statistics and training courses in fishery statistics in the South Pacific region. [pages 7, 39-43, 45-47 on Western Samoa] FI:TF/RAS//53(AUL), FAO, Rome, (FAO/SP).

Grant, C. (1978). Report on training courses in fishery statistics in Tonga, Cook Islands, Western Samoa, Gilbert Islands and Tuvalu. F AO Regional Project TFRAS/53/(AUL), 2 pages, (SPC Lib D639.207209 GRA).

Ochi, T. (1972). Report on consultancy visit to Western Samoa from 6th June to 3rd July 1972 - fisheries training centre and longshore fisheries development. Singapore Fisheries Training Centre, 37 pages plus appendices, (Fish Lab).

Travis, W. (1972). Fisheries Division flying training. 2 pages, (Prime File).

Zavala, B. (1985). Training course for water quality monitoring and analysis May 6-10, 1985, Apia Observatory. 8 pages plus appendices, (Fish Lab).

## Tuna and Tuna Baitfish

AECOS (19'82). Small business opportunities related to tuna fishing and processing in American Samoa. [contains 11 pages on alia economics], Small Business Center, University of Hawaii, 21 pages plus appendices, (Amsam CZMP).

American Tunaboat Association (1984). The distribution of effort, sets, catch of tunas, by species, by one-degree area, during 1984 for vessels operating under the agreement between the governments of New Zealand (in respect to Tokelau), Niue, Tuvalu, and Western Samoa and the American Tunaboat Association. Statistical Report No. 1984-1, 6 pages, (Fish File).

American Tunaboat Association (1984). The distribution of effort, sets, catch of tunas, by species, by one-degree area, during 1984 for vessels operating under the agreement between the governments of New Zealand (in respect to Tokelau), Niue, Tuvalu, and Western Samoa and the American Tunaboat Association. Statistical Report No. 1984-2, 8 pages, (Fish File).

Anon (1969). Report of the UNDP/FAO Tuna Mission to the South Pacific. Annex 6, 15 pages and 4 appendices, (SPC Library D639.2758).

Anon (1975). Cruise report: Townsend Cromwell cruise 79-04 (TC-85). Southwest Fisheries Center, U.S. National Marine Fisheries Service, pages 1-18, (SPC Tuna Lib).

Anon (1979). Tripartite review report on SAM/77 /001 - bai tfish culture. 3 Pages, (FAO/SP).

Anon (1980). Vaitoloa baitfish project; manual of operation and maintenance. [in English and Samoan], 9 pages plus appendices, (Fish Lab).

Anon (1983). Gill netting trials carried out in Western Samoa. Fisheries Newsletter No. 25, South Pacific Commission, Noumea, pages 6-7, (SPC Lib).

Anon (undated, 1970?). Skipjack tuna survey: preliminary report U.S. research vessel "Charles H. Gilbert". [tuna and bait fishing], 3 pages plus appendix, (Fish Lab).

Bureau of Commercial Fisheries (1970). Narrative report Charles H. Gilbert, cruise 117. [tuna and bait fishing], Honolulu, 10 pages, (SPC Tuna Lib).

Floyd, J. (1986). The tuna industry in American Samoa; industry developments, current operations, future prospects. [includes employment of Western Samoans], 50 pages plus appendices, (Fish McCoy).

Furuno Electric Company (undated). Tautai Samoa finished plan - radar, echosounder, SSB radio, SOS buoy. (Fish McCoy).

Gillett, R. and S. Taufao (1985). The incidence of tuna schools suitable for purse seining in the central and western Pacific for Skipjack Programme records. Fisheries Newsletter No. 33, South Pacific Commission, Noumea, pages 13-15, (SPC Lib, FAO/SP).

Gillett, R. (1986). Names of tuna and tuna-like fish in Western Samoa. 1 page, (FAO/SP).

Gillett, R. (1987). Notes on the training of Western Samoa seamen for employment on Pago Pago based purse seiners. FAO/UNDP Regional Fishery Support Programme, Suva, 30 pages, (Fish Lib, FAO/SP).

Gulbrandsen, O. and W. Paulo (undated, 1974?). Western Samoa local tuna fisheries project WES/70/006/12 - review and recommendations. [baitfishing, tuna pole-andline fishing, longlining], 10 pages, (Prime File).

Hida, T. (1970). Surface tuna school fishing and baiting around Samoa Islands. Commercial Fisheries Review, December 1970, pages 37-41, (FAO/SP).

Hollyer, J. (1984). Troubleshooting the Vaitoloa syndrome - A post-mortem on a baitfish project. Apia, 5 pages, (Fish Lab).

Horibe, S. (1972). Tuna fishing industry of Western Samoa. 20 pages, (Prime File).

Hornell, J. (1950). Fishing in many waters. [section on traditional Samoan skipjack fishing], University Press, Cambridge, 210 pages, (SPC Lib 639.2 HOR).

Kearney, R. and J. Hallier (1978). Interim report of the activities of the Skipjack Survey and Assessment Programme in the waters of Western Samoa. Skipjack Survey and Assessment Programme Preliminary Country Report No.8, South Pacific Commission, Noumea, 10 pages plus appendix, (Fish Lib, SPC Lib).

Kearney, R. and M. Rivkin (1981). An examination of the feasibility of baitfish culture for skipjack po1e-and-line fishing in the South Pacific Commission area. Skipjack Survey and Assessment Programme Technical Report No.4, South Pacific Commission, Noumea, 23 pages, (Fish Lib, SPC Lib).

Klawe, W. (1978). Estimates of catches of tunas and billfish by the Japanese, Korean, and Taiwanese longliners from within the 200 mile economic zone of the member countries of the South Pacific Commission. Occasional Paper No.10, South Pacific Commission, Noumea, 41 pages, (Fish Lib, FAO/SP).

Lewis, A., B. Smith, C. Ellway (1983). A guide to the common tuna baitfishes of the South Pacific Commission area. SPC Handbook no.23, South Pacific Commission, Noumea, 82 pages, (Fish Lib).

Living Marine Resources Inc. (1975). Samoan Trolling Survey. 11 pages, (SPC Tuna Lib).

Marcille, J. and W. Bour (1981). La peche des thons a la senne et a la canne dans l'ocean pacifique tropical. Travaux et Documents de l'ORSTOM No.134, ORSTOM, Paris, 259 pages, (FAO/SP).

Marsac, F. (undated). Prospection thoniere par observations et radiometrie aeriennes, territoire de Wallis et Futuna. [covers 4 tuna spotting flights passing through Western Samoa zone], Centre ORSTOM de Noumea, 22 pages, (SPC Tuna Lib).

Morgan, D. (1980). Pacific pole & line aluminium-alloy tuna craft. [construction plan], 1 sheet, (Fish Lab).

Murphy, G. (1973). Fisheries development problems in Southeast Asia and the Pacific Island area (Oceania). [page 75 on Western Samoa FAO tuna and baitfish project], 75 pages, (Alafua Li b).

Murphy, G. and I. Ikehara (1955). A summary of sightings of fish schools and bird flocks and of trolling in the central Pacific. Special Scientific Report: Fisheries No. 154, Fish and Wildlife Service, 19 pages, (FAO/SP).

Nanyo Boeki Kaisha (undated). Specifications of construction for FRP fisheries training vessel for the Government of Western Samoa. [Tautai Samoa], 60 pages, (FAO/SP).

Office of Policy Analysis (1987). Some potential economic impacts of increased minimum wage rates in American Samoa. [contains 10 pages on the implications of transfering tuna loining operations to Western Samoa], Department of the Interior, 60 pages, (Amsam CZMP).

Paulo, W. (1976). Assignment report of W. H. Paulo master fisherman February 1974 - December 1975. [includes data on baitfishing, tuna poling, and longlining], pages 1-7, (FAO/SP).

Philipp, A. (1981). Tuna export to Pago Pago canneries. 2 pages, (Prime File).

Philipp, A. (1981). Estimates of Western Samoa tuna catch and effort, 1972-1978. 8 pages, (SPC Tuna: PRO 93/3/25, folio 47).

Philipp, A. (1984). Interaction of small artisanal fishing with large industrial tuna fishing operations. TW/17, Workshop on National Tuna Fishing Operations, Tarawa, Kiribati, May 28-June 2 1982, Forum Fisheries Agency, Honiara, pages 1-4 plus appendix, (Fish Lib, FAO/SP).

Philipp, A., D. Popper, and T. Teppen (1980). Small scale pole and line fishery in Western Samoa - report on preliminary trials. 7 pages, (Fish Lab, FAO/SP).

Popper, D. (1979). FAO/UNDP bait culture in Western Samoa. 4 pages, (FAO/SP).

Popper, D. (1982). Baitfish and prawn culture in Western Samoa. FI:DP/SAM/77/00I, FAO, Rome, 21 pages, (Fish Lab, FAO/SP).

Popper, D. (undated). Bait culture project in Western Samoa. 4 pages, (Fish Lab, FAO/SP).

Popper, D. and A. Philipp (1982). Small scale pole and line fishery in Western Samoa - report on preliminary trials. SPC Fisheries Newsletter No. 23, June 1982, South Pacific Commission, Noumea, 7 pages, (Fish Lib, FAO/SP).

Schug, D. and Y. Shang (1983). An economic feasibility study of culturing topminnows as an alternative baitfish for skipjack tuna fisheries in Hawaii, American Samoa, Guam, and the Northern Mariana Islands. [Table 6 on economics of using mollies on alias near FADs], Pacific Business Center, University of Hawaii, 32 pages plus appendices, (Amsam CZMP).

Shepard, M. (1980). Preliminary review of distant-water tuna longlining for the South Pacific during 1975-1977. FFA/CR.I, Forum Fisheries Agency, Honiara, 32 pages, (SPC Tuna Lib).

Skipjack Programme (1980). Skipjack fishing effort and catch, 1972-1978, by the Japanese pole-and-line fleet within 200 miles of the countries in the area of the South Pacific Commission. Skipjack Programme Technical Report No.2, South Pacific Commission, Noumea, 91 pages, (FAO/SP).

Skipjack Programme (1981). Fishing effort and catch by the longline fleets of Japan (1962-77) and Taiwan (1967-77) within 200 miles of the countries in the area of the South Pacific Commission. Skipjack Programme Technical Report No.3, South Pacific Commission, Noumea, 249 pages, (Fish Lib, FAO/SP).

Skipjack Programme (1982). An assessment of baitfish resources in the South Pacific Commission area. Working Paper 12, 14th Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, 8 pages, (FAO/SP).

South Pacific Islands Fisheries Development Agency (1975). Project findings and recommendations. FAO, Rome, 31 pages [pages 12, 17 on Western Samoa], (Fish Lab).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

Sperling, H. (1975). UNDP/FAO project cancellation report Western Samoa tuna fishery establishment WES/70/006. [baitfishing, tuna pole-and-line fishing, longlining, promising fishing areas], 5 pages, (Prime File).

Sperling, H. (1980). Skipjack pole-and-line fishing from Samoan catamaran. 2 Pages, (FAO/SP).

Thilenius, G. (1900). Bonito - und Haifang in Alt - Samoa. Globus Volume 78, pages 127-129, (cited in Pereira 1983).

Time, S. (1985). Relationship between fish aggregating devices (FADS) and tuna development in Western Samoa. [a report submitted as part of the South Pacific Commission fisheries officers training course requirements], 6 pages, (Fish Savali).

Tra vis, W. (1970). Skipjack survey: preliminary report U.S. research vessel "Charles H. Gilbert". 2 pages plus map, (Prime File).

Travis, W. (1971). Intimidation of local fishermen, loss of equipment by Fisheries Division, et cetera all due to foreign fishing vessels. 2 pages, (Prime File).

Travis, W. (1972). Tuna canning in Western Samoa. 3 pages, (Prime File).

Travis, W. (1973). Skipjack tuna fishing development project fishing methods development. [consultancy by R. Stone and J. Fyson on pearl shell lure trolling], 3 pages, (Prime File).

Tuna Programme (1984). An assessment of the skipjack and baitfish resources of Western Samoa. Skipjack Survey and Assessment Programme Final Country Report No. 14, South Pacific Commission, Noumea, 45 pages, (Fish McCoy, SPC Lib).

Uchida, R. and R. Sumida (1972). Cruise report. [bait and tuna fishing by f/v Anela], pages 1-6, (FAO/SP).

Uchida, R. and R. Sumida (1973). Tuna pole-and-line fishing trials in central and western Pacific. [contains information on baiting and fishing for Western Samoa], Marine Fisheries Review, Jan-Feb 1973, pages 31-41, (FAO/SP).

Uchida, R. (1975). Recent developments in fisheries for skipjack tuna, <u>Katsuwonus</u> <u>oelamis</u>, in the central and western Pacific and the Indian Ocean. Fisheries Technical Paper No. 144, FIRS/T144, FAO, Rome, 69 pages [pages 6-7 on Samoa Islands], (FAO /SP).

UNDP (1975). Tripartite review report - local tuna fisheries, WES/70/006. United Nations Development Programme, pages 1-2, (Prime File, FAO/SP).

UNDP (1979). Tripartite review report on SAM/77 /001 - baitfish culture. United Nations Development Programme, 3 pages, (Prime File).

United States National Marine Fisheries Service (1972). Narrative report M/V Anela charter cruise. [baitfishing and tuna pole-and-line fishing], 11 pages plus appendices, (Prime File).

Vergne, P., P. Bryan, and G. Broadhead (1978). Large scale production of the top minnows (<u>Poecilia</u> <u>mexicana</u>) in American Samoa and the testing of their efficiency as tuna bait. [includes fishing in Western Samoa], Pacific Tuna Development Foundation, Technical Bulletin Number 1, 41 pages, (SPC Tuna Lib).

Yamashita, U. (1979). Particulars of bottom line fishing and bait and skipjack fishing. [includes bottom fishing at Pasco Bank, drift net sets], 8 pages plus appendices, (Fish File).

Yamashita, U. (various). Reports of fishing trips on Tautai Samoa. (Fish File).

Western Samoa Fisheries Bibliography - FAO/UNDP Regional Fishery Support

#### **Turtles**

Anon (undated). Western Samoa turtle project. 3 pages, (Fish Lab).

Balazs, G. (1977). South Pacific Commission Turtle Project: A constructive review and evaluation with recommendations for future action. South Pacific Commission, Noumea, [pages 22-25 on Western Samoa], (FAO/SP).

Balazs, G. (1979). Status of turtles in the central Pacific Ocean. [3 pages on Western Samoa], Working paper at World Conference on Sea Turtle Conservation, 31 pages, (SPC Smith: turtle box).

Banner, A. (1971). Proposal and plan for a turtle ranch at Aleipata to determine the feasibility of developing an export industry for hawksbill turtles. Pages 1-4, (cited in Balazs 1977).

Fisheries Division (undated). Samoan-turtles. 2 pages, (SPC Smith: Western Samoa file).

Hansen, A. (undated). Islands of Aleipata. [wildlife sanctuary, turtles], pages 1-2, (Fish Faasili, FAO/SP).

Hirth, H. (1970). Report of marine turtle survey in Tucson, Hawaii, Tahiti, Western Samoa, American Samoa, and New Caledonia (7 September - 19 October 1970). FI:SF/SOP/REG/ I02/1, FAO, Rome, 12 pages, (SPC Smith: Turtle Box).

Hirth, H. (1971). South Pacific Islands - marine turtle resources. FI:SF//SOP/REG/I02/2, FAO, Rome, 35 pages, (SPC Smith: Turtle Box).

Tra vis, W. (1971). Turtle conservation programme - Western Samoa. Paper 28, Regional Symposium on Conservation of Nature - Reefs and Lagoons, 5-14 August 1971, South Pacific Commission, Noumea, (Fish Lab, FAO/SP).

Travis, W. (1979). Notes on the Hawksbill population of Western Samoa. Working Paper 9, Joint SPC/NMFS Workshop on Marine Turtles in the Tropical Pacific Islands, South Pacific Commission, Noumea, (SPC Lib).

Witzell, W. (1972). The future (or fate) of the Western Samoa turtle project. Working Paper 4, 5th Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-2, (SPC Lib).

Witzell, W. (1972). The hawksbill turtle (<u>Eretmochelvs imbricata</u>) in Western Samoa. Working paper 3, 5th Technical Meeting on Fisheries, South Pacific Commission, Noumea, pages 1-22, (SPC Lib).

Witzell, W. (1972). To live or not to live. International Turtle and Tortoise Society Journal, volume 6, pages 32-35.

Witzell, W. (1974). The conservation of the Hawksbill turtle in Western Samoa. South Pacific Bulletin, First Quarter 1974, 4 pages, (SPC Lib).

Witzell, W. (1982). Observation of the green sea turtle in Western Samoa. Copeia, 1982, no. 1, pages 183-184.

Witzell, W., and A. Banner. (1980). The Hawksbill turtle (<u>Eretmochelvs</u> imbricata) in Western Samoa. Bulletin of Marine Science, volume 30, no. 3, pages 571-579, (Fish Lib).

#### **Miscellaneous**

Anon (1984). High-fliers of Pacific Flying Fish cause a stir in Apia. 2 pages, (SPC Smith: Western Samoa file).

Banner, D. (1966). Contribution to the knowledge of the Alpheid shrimp of the Pacific Ocean - Part X - Collections from Fiji, Tonga, and Samoa. Pacific Science, Volume 20, No.2, pages 145-188, (cited in Pereira 1983).

Behan, R. (1972). Ecology: the sea. [marine education text for Samoan students incorporating local names], volume 1 & 2, Department of Education, Government of American Samoa, 103 & 58 pages, (Amsam Bio).

Bell, L. (1985). Utilization of the wet laboratory. 2 pages, (Fish File).

Cushman, J. (1924). Samoan foraminifera. Publication 324, Carnegie Institute, Washington, pages 1-75.

Dahl, A. (1971). Ecology and community structure of some tropical reef algae in Samoa. International Symposium on Seaweed Research, (cited in Pereira 1983).

Department of Economic Development (1978). The importation of fresh and frozen fish into Western Samoa. Apia, (cited in Pereira 1983).

Department of Economic Development (1979). Slip way Project, survey report. 4 pages, (Fish Files).

Department of Health (1980). Towards a national nutrition policy. First National Workshop on Nutrition, Western Samoa, 10-14 November 1980, 131 pages, (Econ Lib).

Eade, J. (1979). Solosolo Beach report. CCOP/SOPAC Cruise Report 2, 5 pages, (CCOP).

Faasili, U. (undated). Demonstration team at A1eipata - final report. 3 pages plus appendix, (Fish Faasili).

Faasili, U. (undated). Demonstration team at Lefaga. 4 pages, (Fish Faasili).

Faasili, U. (undated). Demonstration team at Lefaga - final report. 5 pages plus appendix, (Fish Faasili).

Fennessey, D. (undated). Village fisheries report no. 5 Lefaga District. Pages 1-4, (Fish Faasili, FAO/SP).

Fisheries Engineering Company (undated). New Fisheries complex in Western Samoa. [site plan], (Fish Faasili).

Food and Agriculture Organization (1978). Senior fisheries adviser interim report. FI:DP/ SAM/73/009, FAO, Rome, 29 pages, (Fish Lab).

Food and Agriculture Organization (1986). South Pacific women in Agriculture. Background Paper, Expert Consultation, Nukualofa, 24-26 November, 1986, 59 pages, [page 42 shows number of women involved in village fisheries in Western Samoa], (Rural Dev).

Freeman, R. (1987). Production accounts for the fishing Industry. 10 pages, (Stats Com).

Gillett, R. (1987). Addresses useful to Pacific Islands fishery personnel. Document 87/3, F AO/UNDP South Pacific Regional Fisheries Development Programme, Suva, 47 pages, (Fish McCoy, FAO/SP).

Government of Western Samoa (1981). Western Samoa transportation study. [includes fisheries, sea transport, and proposed improvements to ports of Apia and Asau], 264 pages, (Econ Lib).

Gulbrandsen, O. (1974). Report on 3 month commercial fishing trials with bonus system for crew on Fisheries Division boat, FD-2. Pages 1-4, (Fish Savali, FAO/SP).

Hansen, A. (undated). Fishing activity - Aleipata, March - June. Pages 1-4, (Fish Lab, FAO/SP).

Hansen, A. and A. Stoops (undated). Demonstration team at Fagaloa Bay. 3 pages, (Fish Faasili).

Hansen, A. (undated). Islands of Aleipata. [wildlife sanctuary, turtles], pages 1-2, (Fish Faasili, FAO/SP).

Harrison, G. (1974). The availability of foodstuffs and the effects of shortages on the continued development of Western Samoa. Department of Anthropology, Australian National University, Canberra, 63 pages, (Econ Lib).

Hashimoto, H. (1987). Fisheries center - operation of the emergency generator. JOCV, 10 pages, (Fish Bell).

Hashimoto, H. (1987). Fisheries center - operation of the sea water pump. JOCV, 6 pages, (Fish Bell).

Institute of Marine Resources (1980). Reconnaissance study - sea wave energy Western Samoa. Project 4100.050.094.91, University of the South Pacific, 10 pages plus appendices, (Econ Lib).

Itano, D. (1986). Illegal fishing practices in American Samoa. 1986 Food and Farm Day Journal, pages 48-50, (Amsam Bio).

Izumi, M. (1986). Mission to Western Samoa 6-14 April 1986. [preparatory mission for Japanese Trust Fund Project on strengthening of the Fisheries Division], pages 1-11 plus appendices, (FAO/SP).

Jenkins, C. (1978). The establishment 'of a solar sea salt producing facility in the country of Western Samoa. The United Nations Industrial Development Organization, Vienna, 46 pages, (UNDP Lib).

JICA (1978). Fisheries Center in Western Samoa. [includes results of fishery surveys], Japan International Co-operation Agency, 11 pages plus appendices, (JICA File).

King, W. (1967). Seabirds of the tropical Pacific Ocean. Smithsonian Identification Manual, Washington, 125 pages plus appendix, (Nelson Lib 598.299 Kin).

Langdon, R. (1984). Where the whalers went: An index to the Pacific ports and islands visited by American whalers (and some other ships) in the 19th century. Pacific Manuscripts Bureau, Australian National University, Canberra, 297 pages [pages 210-215 gives information on Samoan waters], (SPC).

Overa, A. (1979). Report on survival at sea as experienced by 4 fishermen from the village of Siumu, Western Samoa. (FAO/SP).

Pacific Islands Monthly (1936). A Samoan feast. [stranding of 8 pilot whales at Faasaleleaga], January 1936, 1 page, (Nelson Lib).

Pelletier, D. (1984). Dietary patterns and body fatness among young Samoan men. [contains results of survey comparing villagers, active workers and sedentary workers with respect to efforts spent on fishing], Working Paper, 53rd Annual Meeting of the American Association of Anthropologists, Philadelphia, April, 1984, 14 pages, (Health Nut).

Randall, J. and D. Devaney (1974). Final report of marine biological surveys and resource inventory of selected coastal sites at American Samoa. Contract Report DACW84- 7 4-C-00 14, U.S. Army Corps of Engineers, Pacific Ocean Division.

Richmond, B. (1985). Cruise report reconnaissance survey for construction and landfill materials at Aleipata, Western Samoa. Cruise Report no. 110, 14 pages, (Fish Lib).

Samoa Taisho Industry Co. Ltd. (1968). Fishing company proposal. 14 pages. (SPC Lib D 639.2 WES).

Saunders, W., P. Bond, and L. Hastie (undated). On the distribution of <u>Nautilus</u> <u>pompilius</u> and associated organisms in the Samoas, Fiji, and Tonga. Pages 1-10, (FAO/SP).

Sea Engineering Services (1980). Shore protection manual. [contains information on wave heights, storms, seawalls, breakwaters, sea level fluctuations], 60 pages plus appendices, (Amsam CZMP).

South Pacific Regional Environmental Programme (1980). Western Samoa country report. Country Report 16, South Pacific Commission, Noumea, 9 pages, (Fish Lab, SPC Wendt: country report box).

To'alepaiali'i, T. (1976). Report on navigational aids of Western Samoa submitted to the New Zealand Aid Project Identification Mission. Marine Department, Government of Western Samoa, 16 pages plus appendices, (Econ Lib).

To'alepaiali'i, T. (1977). Annual reports of the Marine Department (1966-1975). Department of Marine, Apia, 51 pages plus appendices, (Fish Lab).

Travis, W. (1972). Western/American Samoa fisheries co-operation - liason visit by American Samoan privately owned fishing dories - period April 26 - May 3. 3 pages, (Fish file).

Travis, W. (1972). Joint American & Western Samoan interest and participation in fisheries development. 3 pages, (Prime File).

Travis, W. (1973). Janss Foundation fisheries development support. 1 page, (Prime File).

Travis, W. (1973). Programme of basic coastal waters fisheries surveys 1973 to 1975. 2 pages, (Prime File).

Travis, W. (1973). A report on the visit to Western Samoa of the Taiwanese Fisheries mission as experienced by the Fisheries Division of the Department of Agriculture, Forests and Fisheries. 2 pages, (Prime File, Fish File).

Travis, W. and E. Reese (1973). A proposal for a six year programme on the biological and economic feasibility on the farming of coconut crabs on tropical Pacific islands, particularly in Western Samoa. 8 pages, (Fish Lab).

Tuitoti, S. (1955). Shark fishing in Western Samoa. Tuatara, volume 5, no. 3, pages 82-85, (cited in Holmes 1984).

Vodonaivalu, S. (in press). A botanical survey of the tidal forest (Mangal) of Fiji, Tonga, and Western Samoa. Technical Report No. 79, Institute of Marine Resources, University of the South Pacific, Suva, (IMR).

Whipple, A. (1954). Yankee whalers in the south seas. Doubleday & Co., Garden City, New York, (cited in Holmes 1984).

Whistler, A. (1976). Wetland vegetation of American Samoa. U.S. Army Corps of Engineers, Pacific Ocean Division, Contract DACW84-76-C-OO13, 93 pages, (Amsam CZMP).