



PINEAPPLE IN HAWAII
A GUIDE TO HISTORICAL RESOURCES

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The Humanities Program of
the State Foundation on Culture and the Arts
in cooperation with
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HAWAII BUSINESS AND INDUSTRY: HISTORICAL RESOURCES GUIDES

Linda K. Menton
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On the cover: *Pineapple Bud*, oil on canvas by Georgia O'Keeffe, 1939.
From a private collection.

King Pineapple once reigned supreme over the Hawaiian tropical fruit industry and played an important part in the history and life of working men and women in Hawaii. Today the era of pineapple as big business in the islands is nearly passed. Many a productive field now lies fallow, the pulse of the cannery has slowed, and the greatness of the pineapple industry has become a mere memory for many of its former workers.

The State Foundation on Culture and the Arts is pleased to present this historical resource guide on the pineapple industry in Hawaii as an educational reference to assist scholars and to provide the opportunity for people to increase their awareness and understanding of the history of our state.

Wendell P. K. Silva
Executive Director
State Foundation on Culture and the Arts

This survey of historical resources relating to the pineapple industry in Hawaii will add to the already impressive number of publications of this nature published by the State Foundation on Culture and the Arts. It has been preceded by equally important volumes on Hawaii's ranching, sugar, maritime, and other industries.

These publications facilitate the study of Hawaii's history and its peoples, and invite opportunities for the learning, preservation, and documentation of Hawaii's unique socioeconomic development. Most of all, they help to maintain a strong and continuing community of interest in the heritage and identity of this island state.

Millicent Kim
Chair, Board of Commissioners
State Foundation on Culture and the Arts

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FOREWORD

A major goal of the Humanities Program of the State Foundation on Culture and the Arts is to assist in the preservation and conservation of Hawaii's historical and cultural resources. Another is to promote increased public access to such resources. In keeping with these goals and the Hawaii State Legislature's support for the humanities, we are producing a series of guides to historic resources in the state. The current series focuses on the coffee, rice, sugar, maritime, ranching, and pineapple industries. Each survey or guide covers a wide span of cultural and historic resources that includes objects and photos, historic sites and buildings, audiovisual materials and books, and several other categories of listed resources. This volume, and others in the series, are an attempt to identify and locate the historical resources that still exist here in Hawaii and to assist the researcher, as well as the general public in locating and utilizing these available materials for a better understanding of our past.

This volume could not have been produced without the willing cooperation of the Hawaiian Historical Society and the hard work of several key individuals: Barbara Dunn, administrator for the Hawaiian Historical Society; Dr. Linda Menton, project editor; Melissa Miller, researcher/compiler; and the project readers. It has been a joy to work with such a conscientious, talented, and gracious team.

The Humanities Program of the State Foundation on Culture and the Arts is pleased to have initiated and directed this project, which gathers together historical information on a variety of agricultural and industrial activities in Hawaii's past and produces guides such as this to enable greater public awareness of and access to the historic and cultural resources of Hawaii.

Marie D. Strazar
Humanities Specialist
State Foundation on Culture and the Arts

PREFACE

This guide lists and annotates materials available to the researcher about the pineapple industry in Hawaii. Scientific articles are generally not listed, nor are most experiment station and Hawaii Agricultural Extension Service (HAES) publications, because a comprehensive bibliography of these publications already exists. (See Paull and Rohrbach in the Bibliographies section.)

At least one location is given for every item cited. However, items may also be found at other locations. Therefore, the researcher should first check the closest institution for a given title.

The items cited under "Selected Articles from Periodicals" are included to give an indication of the kinds of information available in periodicals. Most of these items are also cataloged individually at the institution cited.

"Industry and Industry-Related Publications" includes both publications of the pineapple companies and of organizations affiliated with them in some way.

Hawaiian Pineapple Company, Ltd. was renamed Dole Company in 1960. Soon after that it became wholly owned by Castle and Cooke, Inc.

One of the most interesting and certainly the most difficult aspect of compiling this guide has been attempting to establish the chronology of the various organizations the pineapple companies formed for mutual support. Even old-timers in the industry disagree on some of the details. Below is a short history of these organizations based on consultations with industry experts and on written sources. However, further research is needed in this area before the definitive history is written.

In 1908, James Dole organized the Hawaiian Pineapple Growers Association which was active in advertising and creating markets for pineapple in the continental United States. In 1912, the Hawaiian Pineapple Packers' Association was formed for similar reasons and began experimental work at Hawaiian Sugar Planters' Association before forming its own station. It was renamed the Association of Hawaiian Pineapple Canners (AHPC) in 1922. The Pineapple Producers Cooperative Association (PPCA) was founded in 1932 during the Great Depression to assure the orderly marketing of pineapple in a diminished market. It succeeded AHPC and took over the experiment station. In 1941, the Pineapple Growers Association of Hawaii (PGAH) was formed. At that time the research scientists separated from the commercial managers and formed the Pineapple Research Institute (PRI) which took over the PPCA experiment station. PGAH and PRI maintained a very close association. After World War II an informal group of representatives from the pineapple companies, named Pineapple Companies of Hawaii, formed for labor negotiations and public relations purposes.

Further information on this subject will be available in a forthcoming history of Del Monte in Hawaii being compiled by Robert Kehlror of Maui, a long-time manager with Del Monte. Publication is expected in 1991.

ACKNOWLEDGEMENTS

This guide was made more useful, readable, and accurate through the help of several individuals. I extend my appreciation and admiration to Linda Wiig whose energy and good will in assisting me with computer questions and problems saved me several hours of frustration. My thanks to Linda Menton and Barbara Dunn for continual help along the way and also to Dr. Marie Strazar for her advice and infectious enthusiasm.

Several persons who have worked many years in the pineapple industry have been generous with their time in examining a draft of this guide, commenting on the history, sometimes at considerable length, and noting errors in citations. Thank you to Robert L. Cushing, former director of Hawaiian Sugar Planters' Association and Pineapple Research Institute; Robert Kehlor, retired plantations manager for Del Monte in Hawaii; Beatrice Krauss, professor emeritus, Lyon Arboretum, University of Hawaii at Manoa; Joseph W. Hartley, Jr., president of Maui Pineapple Company, Ltd.; and Nason Newport, retired vice president and general manager of pineapple operations in Hawaii for Dole Company. Agnes Conrad, former state archivist, also shared her considerable expertise and saved future users of this guide valuable time.

Thank you also to Richard Dole, grandson and biographer of James Dole, and to Mr. Frank E. Dillard, Jr., president of PPI Del Monte Fresh Produce (Hawaii) Inc., for sharing information and for pointing me in the direction of important resources.

Melissa C. Miller

PINEAPPLE IN HAWAII

by Melissa C. Miller

Pineapple has played an important role in the economic growth and stability of the Hawaiian Islands for over 100 years. Its cultivation, which was pioneered in Hawaii, has contributed substantially to the international industrialization of agriculture.

In the latter half of the nineteenth century agriculturalists began experimenting with pineapple as a commercial crop in Hawaii. In 1882, Kona residents John Douglas Ackerman and Waldemar Muller canned fruit commercially for the first time from the local "wild Kailua" and shipped some to Honolulu, but their attempt did not prove commercially successful. English horticulturist Captain John Kidwell's efforts were more rewarding. In 1885 he began planting pineapple in Manoa, importing and testing thirty-one varieties. Kidwell's choice of the Smooth Cayenne variety as best suited agriculturally and commercially to Hawaii provided the impetus for development of the modern Hawaiian pineapple industry. In 1890 he planted 'Smooth Cayenne' near Pearl Harbor and sold plants to D.D. Baldwin on Maui. By 1897, the export of fresh pineapple from Oahu, Maui, and Kona reached almost 150,000 pecks at a value of over \$14,000.

The pineapple had to be shipped green to San Francisco, however, and the wonderful flavor of the ripe fruit could not be attained. Moreover, the seasonal nature of the harvest limited marketing. Taking anywhere from eighteen to twenty-two months until first harvest, pineapple ripens in the summer months. A ratoon crop is then harvested the next season. It soon became clear that, to expand the enterprise, canning the fresh, sweet fruit was necessary to allow for year-round marketing and in 1892 Kidwell and his friend, John Emmeluth, built a cannery in Waipahu.¹

After the American-led coup in 1893, which overthrew the Hawaiian monarchy, and the subsequent annexation of the Hawaiian Islands to the United States in 1898, the restrictive 35% duty on canned pineapple, which had discouraged the expansion of pineapple canning and exporting in Hawaii, was lifted. The stage was now set for the arrival of James Drummond Dole and the beginning of the modern pineapple industry.

In 1900, Dole, recently arrived from Massachusetts, purchased sixty-one acres in Wahiawa, joining others who had begun experimenting with pineapple. Among them was Byron O. Clark who founded Tropic Fruit Company in 1902 and bottled pineapple syrup, and, A. W. Eames who, having begun growing pineapple shortly after his settlement at Wahiawa in 1898, was selling fresh pineapple in 1900. Eames formed Hawaiian Islands Packing Company in 1906 and built a cannery. Soon after his land purchase, Dole planted several varieties of pineapple and found the 'Smooth Cayenne' to be the most successful. He incorporated the Hawaiian Pineapple Company in 1901 and built a small cannery in 1903. That year, Dole produced his first batch of canned pineapples—1,893 cases. Production rapidly expanded to 125,000 cases in 1905. These enterprises spurred the laying of rails to Wahiawa by Oahu Railway and Land Company in 1906, making it feasible for Dole to build a cannery in Iwilei a year later—close to the docks and a larger available work force—and transport the pineapples there from the fields.

¹A year later, Kidwell sold his interests in the cannery to Pearl City Fruit Company and converted his acreage to sugar—which became Ewa Plantation.

By 1930 nine million cases of canned fruit were produced at eight canneries.² A single can company produced the cans needed for a flourishing industry.³ Besides growing their own pineapple, canning companies bought from the many independent farmers now engaged in growing pineapple for sale to them. Production was not limited to Oahu but extended to most major islands. With four pineapple companies operating on Maui, that county produced half the pineapple in the territory in 1938. Territory-wide production peaked in 1956-57 at 30.8 million cases.

As a modern industry, pineapple could not thrive without innovation and scientific investigation of the needs and possibilities of its crop. Consequently, Hawaii became a leader in pineapple research and solved many production and canning problems. In 1914 the Hawaiian Pineapple Packers' Association established an alliance with Hawaiian Sugar Planters' Association to begin scientific research into pineapple. By 1923 AHPC was able to establish its own experiment station which pioneered more efficient use of fertilizer, the use of mulch paper, the development of soil fumigants, the improvement of pineapple varieties through selective breeding, and the successful control of industry-threatening pests and diseases such as the mealy bug and the pineapple wilt. Hawaii pioneers also improved methods of field work and canning. Key inventions included the pineapple shredder and harrow by W. A. Baldwin on Maui⁴ and the Ginaca machine developed by Dole employee, Henry Ginaca, which trims, sizes, and cores ninety pineapples per minute. This machine, patented in 1911, contributed the most to making pineapple processing economically feasible

Despite these technological improvements, there were breaks in the steady increase of pineapple's profits and expansion. As a luxury food item, it suffered a decline in sales during the Great Depression of the 1930s. Investors in pineapple companies lost millions of dollars and there was a huge layoff of workers. James Dole, in the midst of expansion at the beginning of the Depression, suffered economic hardships which resulted in the purchase of over half of his Hawaiian Pineapple Company by Castle & Cooke and Waiialua Agricultural Company. Castle & Cooke took over management, with Dole remaining as chairman of the board. This investment proved profitable to Castle & Cooke; within two years pineapple sales made a significant comeback.

The second big challenge to the industry was World War II. Because of the large influx of military personnel and the need for constant readiness for battle, many pineapple laborers either enlisted or were hired by the armed forces as part of its civilian work force. In addition, the industry's warehouses and buildings, as well as field and transport equipment, were used by the military and agricultural lands were often the staging ground for maneuvers. Despite these problems, by using high school student laborers and by reducing research, the industry managed to maintain its production at close to pre-war levels and at the same time produce combat rations. But as much as two-thirds to three-fourths of the total canned pineapple produced (the industry term for this is "pack"), was sold to the armed forces, diminishing its availability for commercial markets and posing a problem for peace-time marketing when former markets had to be again enticed into purchasing pineapple.

²Baldwin Packers, Ltd.; California Packing Corp.; Haiku Pineapple Co.; Hawaiian Canners Co. Ltd.; Hawaiian Pineapple Co. Ltd.; Kauai Pineapple Co. Ltd.; Kohala Pineapple Co.; Libby, McNeill & Libby.

³American Can Company.

⁴The first one was built by Honolulu Iron Works.

Maintaining a work force was a continual challenge to the industry. Working in pineapple was generally considered more agreeable than in sugar. In addition, Dole enticed workers away from sugar by paying them twenty cents a day more and strategically advertising during sugar strikes. But only one-sixth of the pineapple labor force worked year-round; the rest were hired during the June to August harvest and canning season. This made it difficult for companies to have workers available during harvest. As a result, pineapple companies became an important employer of students during the summer months; they also hired a large number of women. The resultant reliance on local workers and the restricted immigration begun in the Depression forced the industry to improve working conditions to recruit and keep workers.

Like sugar, the pineapple industry became a major staging ground for the development of labor unions in the islands. In the late 1930s, pineapple workers began efforts to unionize. Their early attempts generally failed but the industry was successfully organized just after World War II. In 1945, the ILWU gained recognition in all but one of the twelve pineapple plantations and signed its first labor agreement. A major strike in 1947 established the ILWU as an important economic force in Hawaii.

After the war, Hawaii changed from a rural, agricultural community to an urban center of increased economic diversity: the military remained, greatly expanded from pre-war numbers, and tourism began to grow. Maintaining a labor force, therefore, continued to be a problem for the pineapple industry. In 1946, six thousand Filipino workers were brought to Hawaii by the sugar and pineapple companies to replace workers lost to war jobs. But one year later, 35% had left for other employment. Such difficulties forced some mechanization of field work: instead of carrying the fruits to the ends of their rows to be loaded, harvesters placed the pineapples on a conveyor belt; spraying by truck was introduced.

Pineapple production peaked in 1956-57 in Hawaii, maintained that level through 1966, and then began a gradual decline. By the 1970s the number of canneries was reduced from nine to three. Pineapple growing was eliminated on Kauai and Molokai and decreased on Oahu from 15,000 to 12,000 acres. The amount of fruit canned decreased and one fourth to one third of the crop was sold fresh. Competition increased from overseas—including from foreign subsidiaries of American companies.⁵ With no protective tariff and no enforcement of minimum quality standards by the Food and Drug Administration, Hawaiian pineapple companies lost markets to cheaper, inferior products from abroad; high duties and quotas levied against Hawaiian pineapple by foreign markets limited overseas sales.

Despite these problems, pineapple is still an important industry to Hawaii. What will happen in the future is of concern to government and industry leaders as Hawaii's population increases and pineapple fields yield to housing projects and tourist attractions. It seems likely, however, that some acreage will be preserved since pineapple remains an important crop. Pineapple fields are valuable as open space and as an attraction for the tourist industry which continues to expand. This has not escaped the notice of pineapple company executives who have developed their own visitor attractions, including tours of Dole's Iwilei cannery and adjacent exhibits and stores, and Dole's famous pineapple stand in Wahiawa—now turned into a pavilion of shops flanked by fields displaying several pineapple varieties and related plants.

⁵Including California Packing Corporation (Del Monte) in the Philippines and Dole Company in the Philippines and Thailand. These are the two largest pineapple operations in the world.

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ABBREVIATIONS

AH	Archives of Hawaii
BML	Bishop Museum Library
DBED	Department of Business and Economic Development, State of Hawaii
HHS	Hawaiian Historical Society
HMCS	Hawaiian Mission Children's Society
HSL	Hawaii State Library, Main Branch
HSPA*	Hawaiian Sugar Planters' Association Plantation Archives
KoHS	Kona Historical Society
KM	Kauai Museum
LPSL	Lanai Public and School Library
LRB	Legislative Reference Bureau
MHS	Maui Historical Society
n.d.	no date
n.p.	no publisher
np	no place
PUB	Public libraries throughout the state
T.H.	Territory of Hawaii
UH/HL	University of Hawaii at Manoa, Hamilton Library
UH/HL/GD	University of Hawaii at Manoa, Hamilton Library, Government Documents
UH/HL/H&P	University of Hawaii at Manoa, Hamilton Library, Hawaiian and Pacific Collection
UH/SL	University of Hawaii at Manoa, Sinclair Library
UH/SL/WAC	University of Hawaii at Manoa, Sinclair Library, Wong Audiovisual Center
WCGP	Waipahu Cultural Garden Park

*The HSPA Plantation Archives are open to serious researchers, university or college staff members and graduate students. Contact the archivist for application form and appointment.

PINEAPPLE IN HAWAII: A GUIDE TO HISTORICAL RESOURCES

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- Crawford, David Livingston. *Hawaii's Crop Parade; a Review of Useful Products Derived from the Soil in the Hawaiian Islands, Past and Present*. Honolulu: Advertiser Publishing Co., Ltd., 1937.
Pages 197-205 contain an overview of the history of pineapple in the islands, beginning with its suggested introduction by Don Francisco de Paula Marin in the late eighteenth century.
Loc: UH/HL/H&P
- _____. *Paradox in Hawaii; An Examination of Industry and Education and the Paradox They Represent*. Boston: The Stratford Company, 1933.
The paradox of the title refers to the author's contention that the "same civilization which produced this [modern] educational system has been building an industrial structure into which the product of the school system has not been able to fit . . ." That is, educated children of laborers don't want to work on plantations. Pineapple is discussed on pages 85-105.
Loc: UH/HL/H&P HHS

Dean, Arthur Lyman. *Alexander and Baldwin, Ltd. and the Predecessor Partnerships*. Honolulu: Alexander and Baldwin, Ltd., 1950.

"Prepared in Commemoration of the Fiftieth Anniversary of the Corporation, June 30, 1950." Includes sections on pineapples and pineapple companies as well as sections on Kauai Pineapple Company, Maui Pineapple Company, Ltd., Baldwin Packers, Ltd., and railroads.

Loc: UH/HL HSL MHS

Devaney, Dennis M. et al. *Kaneohe: A History of Change, 1778-1950*. Honolulu: Bernice P. Bishop Museum, 1976.

Prepared for the U.S. Army Corps of Engineers, Pacific Ocean Division. Contains a number of maps and illustrations and a commentary on ancient sites damaged or destroyed during the pineapple era in the Kaneohe Bay area.

Loc: UH/HL/H&P BML

Dole, Charles Fletcher. *My Eighty Years*. New York: E. P. Dutton, 1927.

Autobiography of James Dole's father. Includes memoirs of a visit to Hawaii in 1909 to see his son, James, and his cousin, Sanford Ballard Dole.

Loc: HSL

Dole, Richard and Elizabeth Dole Porteus. *The Story of James Dole*. Honolulu: Island Heritage, 1990.

A biography of James Dole by his grandson emphasizing both his private and his public life.

Loc: UH/HL/H&P

Erickson, Jackie Mahi. *Title Searching for the Non Professional; a Layperson's Guide; Searching for Chain of Land Ownership in Hawaii*. Honolulu: Alu Like, 1980.

Useful for determining ownership history of Hawaii lands used for pineapple.

Loc: UH/HL HSL

Ferguson, Erna. *Our Hawaii*. New York: Alfred A. Knopf, 1942.

Chatty travel narrative featuring the "big men" in the islands. See pages 267-277 for "The Island of Lanai, as Seen Through the Malihini Eyes."

Loc: HMCS

Forden, Lesley. *Glory Gamblers: The Story of the Dole Race*. New York: Ballantine Books, 1961.

Story of the 1927 Dole Air Race from the West Coast to Hawaii which ended with several planes lost at sea.

Loc: UH/HL/H&P

French, Ann Schilt. *Stories of Hawaii, Its History and Chief Industries*. Boston: Houghton Mifflin Company, 1933.

Section on pineapple concentrates on its history, canning, and commercial by-products.

Loc: HSL

Gay, Lawrence Kainoahou. *True Stories of the Island of Lanai*. Honolulu: Mission Press, 1965.

Life of the Charles Gay family on Lanai. The Gays were the first to plant pineapple on Lanai, in 1921. According to this account, their attempts to succeed in the pineapple growing enterprise ended with the sale of their land at a greatly reduced price to Dole and their virtual exile from Lanai. Many excellent old photos.

Loc: UH/HL/H&P HSL

- Havighorst, C. R. *Advanced Methods at Hawaiian Pineapple Company—Agriculture—Processing—Distribution*. New York: McGraw-Hill, 1948-49.
 Anthology of articles from *Food Industries*, Vol. 20, pp. 1725-30, 1864-66, and Vol. 21, pp. 3-7, 167-70, 754-7, 868, 870, 872. Subjects include quality and cost control through advanced methods of soil preparation, plant genetics, cultivating, harvesting, and cannery mass-production methods. Good black and white photographs of field methods, box factory, cannery machines and work stations, and by-products plant.
 Loc: UH/HL/H&P
- Hawaiian Stock Exchange. *Trading Results. 1930-1977*.
 Includes pineapple companies in Hawaii.
 Loc: AH
- Hobbs, Jean. *Hawaii: A Pageant of the Soil*. Stanford: Stanford University Press, 1935.
 A study of land tenure in Hawaii, with an extensive bibliography. See "pineapple" and "plantations" in the index.
 Loc: UH/HL/H&P HSL
- Honolulu Stock Exchange. *Manual of Hawaiian Securities; Statements*. Honolulu: Honolulu Stock Exchange, 1910-1972.
 Subtitle: Listed and Unlisted Corporations Whose Securities are Authorized for Trading on the Honolulu Stock Exchange. DBED's holdings start in 1960. Includes pineapple companies in Hawaii.
 Loc: UH/HL/H&P DBED
- Joesting, Edward. *Hawaii, An Uncommon History*. New York: W. W. Norton, Inc., 1972.
 The pineapple entry, pages 291 to 292, focuses on the effects of the 1929 depression on the Hawaiian Pineapple Company.
 Loc: UH/HL HSL
- Johnson, Maxwell Oscar. *The Pineapple*. Honolulu: Paradise of the Pacific Press, 1935.
 "This book is an attempt to compile and summarize the authoritative information on the pineapple." Information is mainly about pineapple in Hawaii, but some information on Florida, Cuba, Puerto Rico, and Isle of Pines is included. 94 illustrations including many black and white photographs. Johnson was a chemist and the first pineapple agriculturist for the California Packing Corporation in Hawaii.
 Loc: UH/HL/H&P MHS
- Jones, Thomas C., ed. *The Hawaii Book: The Story of Our Island Paradise*. Chicago: J. G. Ferguson Publishing Company, 1961.
 Anthology of magazine articles from *Paradise of the Pacific*. See pages 330-336 for "Pineapple Production: The History and Growth of This Important Industry." Includes photos.
 Loc: HHS
- Kaopuiki, Elaine Kauwenaole and Randolph Jordan Moore. *Lanai, the Mystery Island*. Lanai City: Lopa Publishing Company, 1987.
 Recollections of nineteenth and twentieth century life on Lanai by members of the Kaopuiki and Kauwenaole families, some of whom worked in pineapple. 39 pages, illustrated with photographs, maps.
 Loc: UH/HL/H&P HSL

Keesing, Felix Maxwell. *Hawaiian Homesteading on Molokai*. New York: AMS Press, 1936 & 1977.

"Pineapple Cultivation by Hawaiians on Molokai" gives good coverage of pineapple production on Molokai including problems between growers and pineapple companies beginning in 1926: Libby, McNeill & Libby in Hoolehua, California Packing in Kualapuu. Author's thesis is that the successful introduction of pineapple destroyed the original reason for homesteading, which was to allow Hawaiians to return to work on the land; with increasing pineapple profits, Hawaiians hired immigrants to work the fields. But this did allow for the successful settlement of Hoolehua because Hawaiians could afford to build and pay for their homes.

Loc: UH/HL HMCS

Kelly, Marion, Barry Nakamura and Dorothy B. Barrerre. *Hilo Bay; A Chronological History*. Honolulu: Bishop Museum Press, 1981.

Prepared for the U.S. Army Engineer District, Honolulu. Contains information about early and more recent pineapple ventures in and around Hilo.

Loc: UH/HL/H&P

Kuykendall, Ralph Simpson and A. Grove Day. *Hawaii: A History: From Polynesian Kingdom to American Commonwealth*. New York: Prentice-Hall, 1948 & 1976.

See pineapple listing in index.

Loc: UH/HL/H&P HMCS HSL

Leaders of Hawaii 1983. Honolulu: Senecal and Associates, Inc., 1983.

Biographical dictionary of Hawaii residents including leaders in the pineapple industry.

Loc: UH/HL HSL

Lind, Andrew William. *An Island Community; Ecological Succession in Hawaii*. New York: Greenwood Press, 1938 & 1968.

"The Hawaiian economy has well-nigh completed the whole cycle of the changes ordinarily associated with the evolution of the capitalist system. . . . The author has chosen to connect and correlate . . . the economic and racial history of the Hawaiian Islands with the story of the land." Pineapple is covered on pages 75-76, 81-83, 86, 183, and 186. Bibliography at the end of each chapter.

Loc: UH/HL/H&P

Maui Historical Society. *Lahaina Historical Guide*. Honolulu: Star Bulletin Printing Co., 1961.

A guide describing the historical landmarks of Lahaina including those of the pineapple industry; see page 142.

Loc: UH/HL MHS

Midkiff, Frank Elbert. *Agriculture and the Employment of Youth in Hawaii. A Discussion With the Teachers and Students of Our Schools*. Honolulu: 1936.

A carefully crafted argument encouraging careers in agriculture, including pineapple. 39 pages.

Loc: UH/HL/H&P

Morrow, Alice Clare and Jack Morrow. *Maui; A Few Facts About the Valley Isle*. Maui: n.p., 1930.

Information about the pineapple industry on pages 54-69. Includes chronology—beginning with pineapple industry pioneer Captain John Kidwell's enterprise—for pineapple production on Maui, Lanai, and Molokai, 1890-1926. Subtitles: "Baldwin Packers," "California Packing Corporation," "Haiku Pineapple Company," "Story of Lanai," "Libby, McNeill and Libby."

Loc: HMCS MHS

- Norbeck, Edward. *Pineapple Town: Hawaii*. Berkeley: University of California Press, 1959.
Discusses work, leisure, native customs, and folk practices of different ethnic groups and the impact of an industrialized working life on Filipino, Japanese, Caucasian and "Cosmopolitan" populations of Maunaloa, Molokai. Photographs of intergenerational gatherings show racial interactions; other photos of pineapple fields and homes.
Loc: UH/HL/H&P
- Pratt, Helen Gay. *The Pineapple Industry in Hawaii*. Honolulu: National Vocational Guidance Association, Honolulu Branch, 1941.
Professionally published booklet designed for use in classrooms and by vocational advisers. Part of a drive to attract young people to local industry jobs.
Loc: UH/HL/H&P HSL
- Saville, Jennifer, Georgia O'Keeffe, and Honolulu Academy of Arts. *Georgia O'Keeffe, Paintings of Hawaii*. Honolulu: Honolulu Academy of Arts, 1990.
A catalog of an exhibit of O'Keeffe's paintings created during her trip to Hawaii in 1939, which was paid for by Dole Pineapple. Included is a painting of a pineapple.
Loc: UH/HL
- Sawyer, Hal A. *Harry and Ananas: a Souvenir of Wartime Hawaii*. Honolulu: Honolulu Star-Bulletin, Ltd., 1944.
A story written for Hawaii school children who worked in the pineapple fields as part of the World War II labor effort; designed to educate them about pineapple cultivation and inspire them to join in this effort.
Loc: UH/HL/H&P
- Schmitt, Robert C. *Historical Statistics of Hawaii*. Honolulu: University of Hawaii Press, 1977.
Carefully documented; includes a summary description of sources of agricultural statistics, including pineapple.
Loc: UH/HL BML HSL
- Speechly, William. *Treatise on Culture of the Pineapple and the Management of the Hot-House. Together with a Description of Every Species of Insect That Infest Hot-Houses, with Effectual Methods of Destroying Them*. York, England: Printed for the Author by G. Peacock, 1796.
Loc: UH/HL/H&P
- Taylor, Frank J., Earl M. Welty and David W. Eyre. *From Land and Sea: the Story of Castle & Cooke of Hawaii*. San Francisco: Chronicle Books, 1976.
Eyre was vice president of Castle & Cooke and had formerly been with Dole Pineapple. Pineapple is covered on pages 161-171. Includes a bibliography.
Loc: UH/HL/H&P
- Teodoro, Luis V., ed. *Out of This Struggle, the Filipinos in Hawaii*. Honolulu: University of Hawaii Press, 1981.
Published for the seventy-fifth anniversary of Filipino immigration to Hawaii. Contains information regarding Filipinos in the pineapple industry in Hawaii and their role in establishing labor unions.
Loc: UH/HL/H&P HSL
- Thomas, Mifflin. *Schooner from Windward: Two Centuries of Hawaiian Interisland Shipping*. Honolulu: University of Hawaii Press, 1983.
Index includes pineapple shipping.
Loc: UH/HL

Thrum, Thomas G. *Hawaiian Almanac and Annual*. Honolulu: Star Bulletin Printing Co., Inc., 1875-.

Other Titles: *All About Hawaii. Hawaiian Almanac and Standard Guide*. Reports on the status of the pineapple industry are in each annual. See index.

Loc: HMCS UH/HL/H&P BML

White, Henry Arthur. *James D. Dole: Industrial Pioneer of the Pacific, Founder of Hawaii's Pineapple Industry*. New York: Newcomen Society in North America Addresses, 1957.

An address delivered at the American Newcomen Society 1957 Hawaii Dinner. Presents Dole as businessman. Includes an assessment of his character, in youth and maturity, displaying "tenacity," "the highest principles," "foresight," "daring." Includes a history of his management decisions.

Loc: UH/HL/H&P HSL

Withington, Antoinette. *A Hawaiian Tapestry*. (New York): Harper and Brother, 1937.

A travelogue encompassing 1920 to 1940 which includes discussions about leis, the armed forces, and the pineapple industry.

Loc: MHS

Zalburg, Sanford. *A Spark is Struck; Jack Hall and the ILWU in Hawaii*. Honolulu: University of Hawaii Press, 1979.

See index for references to pineapple workers and labor negotiations. Bibliography is on pages 529-34.

Loc: UH/HL HSL

INDUSTRY AND INDUSTRY-RELATED PUBLICATIONS

Alexander & Baldwin, Inc. *Ampersand*. 1967-.

A news magazine published by Alexander & Baldwin. A special 1985 summer issue, subtitled "Eighty-Five Years a Corporation, 1900-1985," gives a history of A&B including its involvement with pineapple.

Loc: UH/HP/H&P HSL (to 1981)

Alexander, Henry A., and Company, Inc. *Feasibility Study for Continuing the Kapaa Cannery for the Kauai Task Force*. Honolulu: Henry A. Alexander and Company, Ltd., March 1974.

The cannery had been sold to a Kauai real estate agency and plant equipment was to be auctioned. Independent pineapple growers still had a crop in the field to sell and unemployment was high on Kauai when the Task Force commissioned this study.

Loc: DBED

Association of Hawaiian Pineapple Canners Experiment Station and Experiment Station Pineapple Producers Cooperative Association. *Pineapple News: A Monthly Publication Devoted to the Interests of the Pineapple Industry in Hawaii*. Honolulu: Experiment Station of the Pineapple Producers Cooperative Association, 1927-1937.

Focuses on the scientific aspects of growing pineapple: entomology, pathology, new lands.

Loc: UH/HL/H&P

Association of Hawaiian Pineapple Cannery, Experiment Station and Pineapple Producers Cooperative Association, Experiment Station. *Pineapple Quarterly*. 1-11 Honolulu, T.H.: The Experiment Station of the Pineapple Producers Cooperative Association, 1927-37.

Reports on the activities of the experiment station to the pineapple industry including agricultural activities, chemistry, pathology, and genetics research.

Loc: UH/HL/H&P

Auchter, Dr Eugene Curtis. *The Pineapple Industry: A Brief Review of Its History, Research Achievements and War Job Presented Before the Congressional Hearing on Statehood for Hawaii, Honolulu, Hawaii, January 8, 1946*. Honolulu: Pineapple Research Institute, 1946.

A report by PRI president. War job section says that at one point, two thirds of the total pack of pineapple was sold to the armed forces.

Loc: UH/HL/H&P

Blyth and Co., Inc. *A Report to Investors on Castle & Cooke, Inc., Honolulu*. Honolulu: 1959.

A report about Castle & Cooke, Inc. at the time of statehood. Hawaiian Pineapple Co., Ltd. is featured on pages 13-16.

Loc: UH/HL/H&P

Brearley, Billie Jean. *The Smooth Cayenne Pineapple*. Honolulu: Pineapple Research Institute, 1961.

Description of pineapple with special notes about 'Smooth Cayenne;' includes growing tips.

Loc: UH/HL/H&P

Castle & Cooke. *Briefs*. 1949-.

Company newsletter featuring human interest stories about business, personnel, and community outreach activities.

Loc: UH/HL/H&P

_____. *The First 100 Years; a Report on the Operations of Castle & Cooke For the Years 1851-1951*. Honolulu: Castle & Cooke, 1951.

History of Castle & Cooke including management style and values. Pages 61-63, "We Believe," lists six "rules of conduct which guide decisions of Castle & Cooke today."

Loc: UH/HL/H&P LRB

_____. *From Land and Sea*. 1964.

Promotional brochure on the many branches of Castle & Cooke. Pages 11-13, "King of the Crops" is about pineapple.

Loc: UH/HL/H&P HHS

Chamber of Commerce of Honolulu. *Pineapple and Sugar Review* 1930-.

Monthly bulletin published by the Chamber.

Loc: AH

Collins, Julius Lloyd. *Antiquity of the Pineapple in America*. Miscellaneous Papers 49. Honolulu: Pineapple Research Institute of Hawaii, 1951.

Anthropology of the pineapple. A reprint from *Southwestern Journal of Anthropology*, University of New Mexico, Vol. 7, No. 2, Summer 1951.

Loc: UH/HL/H&P AH HHS

- _____. *Pineapples in Ancient America*. Miscellaneous Papers 46. Honolulu: Pineapple Producers Cooperative Association; Pineapple Research Institute of Hawaii, 1948.
Anthropology of pineapple in America. Reprinted from the *Scientific Monthly*, Vol. 67, No. 5, November 1948.
Loc: UH/HL/H&P
- Dean, Arthur Lyman. "The Hawaiian Pineapple Industry." *Miscellaneous Papers* 35. Honolulu: Association of Hawaiian Pineapple Cannery, Experiment Station, n.d.
The association director's overview of the industry. Reprinted from *Mid-Pacific Magazine*, May 1928, pages 141-146.
Loc: UH/HL/H&P
- Dole, James Drummond. "The Pineapple Industry." *Honolulu Chamber of Commerce Report* (1908): 115-116.
Loc: HMCS
- Environment Capital Managers, Ltd. *Molokai Industries Development Potentials in Tourism and Pineapple*. Honolulu: n.p., April 1977.
Prepared for the U.S. Army Corps of Engineers.
Loc: DBED
- Hale, Marion Mason. *The Kingdom That Grew Out of a Little Boy's Garden*. Honolulu: Hawaiian Pineapple Company, ca 1930.
A handsome booklet for consumer distribution; one million were printed between 1927 and 1930. Includes an idyllic history of the pineapple industry in Hawaii and of James Dole and Dole Pineapple Company; includes pineapple recipes.
Loc: UH/HL/H&P AH
- Hawaii Employers Council, Industrial Relations Committee. *Employee Information Program—Hawaiian Pineapple Co., Ltd.* Honolulu: 1950.
Case study of successfully solved industrial relations problems.
Loc: UH/HL/H&P
- Hawaii Employers Council, Research Department. *Wage Chronology: Pineapple History*. Honolulu: 1952.
Chronology of changes in wage rates and other cost items in pineapple industry labor agreements from the time the first one was signed in 1945.
Loc: UH/HL/H&P
- Hawaii Jubilee Commission. *Hawaii Jubilee*. Honolulu: Advertiser Publishing Company, Ltd., 1936.
"The Pineapple." discusses the formation of the Hawaiian Pineapple Producers Cooperative Association and the effects of the Depression on the industry.
Loc: HHS HMCS
- Hawaiian Cannery Society and Association of Hawaiian Pineapple Cannery. *Proceedings of the Annual Conference*. Honolulu: Hawaiian Cannery Society, 1922.
Loc: UH/HL/H&P

Hawaiian Cannery Society and Hawaiian Pineapple Packers' Society. *Proceedings of a Meeting of Factory Superintendents and Helpers, Preliminary to the Organization of the Hawaiian Cannery Society, Held at Honolulu March 12-13, 1921, Under the Auspices of the Hawaiian Pineapple Packers' Association.* Honolulu: Association of Hawaiian Pineapple Cannery, 1921.

Several articles on operations of canneries including industrial relations and improved methods of production.

Loc: UH/HL/H&P

Hawaiian Pineapple Company, Ltd. *Articles of Association and By-Laws of the Hawaiian Pineapple Company, Limited, Honolulu, Territory of Hawaii. Revised to Feb. 8, 1915.* Honolulu: Hawaiian Gazette Company, 1915 & 1921.

Loc: UH/HL/H&P

_____. *By Nature Crowned.* Honolulu and San Francisco: n.d.

Pamphlet with panoramic photographs of factory, tinted photograph of fields, many photographs of all aspects of pineapple production as well as good pictures of Kidwell and Dole.

Loc: HMCS

_____. *Prospectus, Hawaiian Pineapple Company, Limited: 222,576 shares of common stock without par value.* Honolulu: 1937.

Includes property, development in the past five years, and financial statement.

Loc: UH/HL/H&P

_____. *Sixty Pictures and a Few Paragraphs That Tell a Story and Mark a Twenty-Fifth Birthday.* Honolulu: 1927.

Praises James D. Dole with a chronology of the company to "touch the romantic sense of any man of business." Good black and white photographs of cannery buildings, fields, and shipping.

Loc: UH/HL/H&P AH

_____. *Statement Regarding the Hawaiian Pineapple Products Co., Ltd.* Honolulu: 1910.

Loc: HHS

Hawaiian Pineapple Growers' Association. *Hawaiian Pineapple.* New York: 1909.

Two page pamphlet, black and white photos, recipes.

Loc: BML

Henderson, Charles J. *The Agency System: A Constructive Force in Business Development.* Honolulu: Castle & Cooke, 1953.

Includes a discussion of agency services provided to the pineapple industry such as marketing, shipping, supplying labor, etc.

Loc: HHS

Horio, Lila Ann. *Hawaii and Pineapple: A Study Booklet for Elementary Schools.* Honolulu: Pineapple Growers' Association, 1963.

Prepared with the cooperation of the Hawaii State Department of Education. Good description of methods of planting, harvesting, canning, shipping, pest control, and research.

Loc: UH/HL/H&P BML

- Killian, John A. *Nutritional Value of Canned Pineapple*. Honolulu: Pineapple Producers Cooperative Association, 1930.
Contains a detailed analysis and explanation of the nutritional value of pineapple.
Loc: HSL
- Libby, McNeill & Libby. *Libby in California and Hawaii: California Fruits and Asparagus, Hawaiian Pineapple*. Chicago: Libby, McNeill & Libby, n.d.
Pamphlet with a few photographs.
Loc: HMCS.
- Murrow, Edward R. *An Island and Its People, a Radio Address*. Honolulu: Hawaiian Pineapple Company, Ltd., 1942.
War-related look at Hawaii, including pineapple industry.
Loc: UH/HL
- Negotiation News*. Honolulu: Pineapple Companies of Hawaii, 1967-68.
Newsletter covering the progress of negotiations with unions.
Loc: UH/HL/H&P
- Oahu Retail Food Dealers' Association. "Pineapple Growing in Hawaii." *Food Bulletin* 2.3 (1950): 19+.
Loc: HHS
- Pacific Guano and Fertilizer Company. *Pineapple Points*. San Francisco: Louis Roesch Company, pre-1921.
Booklet prepared especially for pineapple planters. Includes use of fertilizers, tests for determining fertilizer needs, emergency treatment in case of poisoning or accidents (drowning, burns, stings, etc.), remedies for chicken disease, postage rates.
Loc: BML
- Pineapple Companies of Hawaii. *Basic Facts About Pineapple in Hawaii*. Honolulu: 1955.
Promotional brochure for workers. Description of all parts of industry, graphs on earnings of employees, benefits. Titles in later years: *Pineapple, Hawaii: Basic Facts* and *Pineapple Fact Book, Hawaii*. 20 pages, illustrated.
Loc: UH/HL/H&P
- _____. *Do Summer Jobs on a Farm Create Unemployment?* Honolulu: 1959.
An argument made against the proposal to require payment of unemployment insurance for seasonal workers: "Legislation now being proposed in Hawaii would place a penalty upon a farmer who hires an unemployed man for temporary work on a farm. Even if you aren't a farmer, this idea may cost you money. Here are the facts." 12 pages.
Loc: UH/HL/H&P
- _____. *Pineapple Negotiation Round-up*. Honolulu: 1950-56.
Assorted newsletters carrying news of the progress of collective bargaining affecting activities at Libby, McNeill & Libby, Hawaiian Pineapple Company, and others.
Loc: UH/HL/H&P

- _____. *Pineapple, People, and Profits . . . a Discussion of the Need, Philosophy and Methods of a Community Relations Program for the Pineapple Companies of Hawaii.* Honolulu: 1948.

Report presented to the Industrial Relations Committee of the Pineapple Companies of Hawaii. Published in summary outline as prepared for presentation. Discusses pineapple companies' basic problems and fundamentals of a sound community relations program. A response to the 1947 strike.

Loc: UH/HL/H&P

- _____. *A Report on Pineapple to the Senate Ways and Means Committee, House Finance Committee from the Pineapple Companies of Hawaii dated 3-4-60.* Honolulu: n.p., 1960.

Covers the position of pineapple today, the future of pineapple, problems of expansion, how pineapple is helping itself, effects of the 2 1/2% special pineapple tax and of its reduction or elimination, and how legislators can encourage pineapple production and employment.

Loc: LRB

- _____. *Report to Employees.* Honolulu: 1954-55.

One page information sheets subtitled: "Job Classifications in Pineapple Companies, 1955" and "Pineapple Medical Plan Improved, Extended Two Years."

Loc: UH/HL/H&P

- Pineapple Growers Association of Hawaii. *Fresh Pineapple: Shipments to the U.S. Mainland and Oahu Consumption.* Honolulu: 1979. ts. on PGAH letterhead.

Includes 1974-1979 statistics.

Loc: DBED

- _____. *Pineapple Fact Books, Hawaii.* Honolulu: Pineapple Growers Association of Hawaii, 1963-1973.

Well ordered and illustrated basic data on all aspects of pineapple: employment, production, markets, juice, canning, etc. Includes locations of plantations and canneries by islands. Continues *Basic Facts About Pineapple in Hawaii* and *Pineapple, Hawaii; Basic Facts* issued by Pineapple Companies of Hawaii.

Loc: UH/HL/H&P LRB DBED

- _____. *Present Problems and Future Production of Pineapple in Hawaii; a Report with Recommendations.* Honolulu: 1973.

Industry response to the concern shown by the State and Governor George Ariyoshi over the decline of pineapple. Includes predictions of further decline, as well as current pineapple production by islands and companies. Reviews and analyzes the State report "Impact of Foreign Pineapple Products on the Hawaiian Pineapple Industry."

Loc: UH/HL/H&P LRB DBED

- _____. *The Story of Pineapple.* Honolulu: n.p., 1944.

Prepared for the industry's student workers. Eight colorful eight-page promotional pamphlets. No. 1, "History"; No. 2, "The Pineapple Plant"; No. 3, "Preparation of the Soil"; No. 4, "Planting"; No. 5, "Cultivation"; No. 6, "Harvesting and Canning"; No. 7, "Distribution"; No. 8, "The Industry and Its Employees."

Loc: UH/HL/H&P

- _____. *The Story of Pineapple in Hawaii.* n.p.: np, 1967.

Tiny promotional brochure.

Loc: UH/HL/H&P

Pineapple Growers' Association of Hawaii and Pineapple Companies of Hawaii. *Pine Review: Events Affecting Pineapple and Hawaii*. Honolulu: 1960-1971.

Called a "monthly newsletter for employees of the pineapple companies and the communities in which they live." Has fewer employee profiles than *Pineapple Parade*. Mostly business news, explanations of such news, and how it affects the pineapple industry.

Loc: UH/HL/H&P LPSL

Pineapple Growers' Association of Hawaii, Public Affairs Committee. *A Report on Pineapple to the Senate Ways and Means Committee and House Finance Committee from the Pineapple Companies of Hawaii*. Honolulu: 1960.

The third legislative session in which pineapple companies sought reduction or elimination of the pineapple processing tax. This report gave reasons for the reduction. At this time, Hawaiian Canneries in Kapaa was closing. Covers employment, competition, management, promotion of products, prices, costs, and the effects of the tax.

Loc: UH/HL/H&P

Pineapple Producers Cooperative Association. *Brief of Information on Canned Hawaiian Pineapple*. Honolulu: Association of Hawaiian Pineapple Cannery, n.d.

Pineapple Producers Cooperative Association was previously called Pineapple Growers Association of Hawaii. Three page description/promotion of canned pineapple including nutritional makeup and forms of canned pineapple—sliced, crushed, and tidbits. Academic tone.

Loc: HSL

Pineapple Producers Cooperative Association, Experiment Station. *Bulletin*. Honolulu, 1925-1930.

Same as Association of Hawaiian Pineapple Cannery *Bulletin* which is its title for numbers 1-13. Reports on experiments and studies in cultivation, pest control, fertilization, etc.

Loc: UH/HL/H&P

Pineapple Research Institute of Hawaii. *Report of the Director*. Honolulu: 1948-49.

Loc: UH/HL/H&P

Pineapple Research Institute of Hawaii, Experiment Station, Association of Hawaiian Pineapple Cannery and Experiment Station Pineapple Producers Cooperative Association. *Miscellaneous Papers*. Honolulu: 1926-51. No. 11-19, 21-49:

Reprints from various publications of articles written by members of the staff.

Loc: UH/HL/H&P

Pine Islander. March 1962-October 1971.

Published by Lanai Plantation Division of Dole Company, Lanai City. On microfilm.

Loc: LPSL

Pine Parade. Honolulu: Hawaiian Pineapple Co., Ltd., 1944-52.

Subtitle: Published by the Employees of Hawaiian Pineapple Co., Ltd. In-house publication with many (20-30) contributing editors. Discusses company issues such as employee needs and benefits.

Loc: UH/HL/H&P

Proceedings of the First Annual Conference of the Hawaiian Cannery Society. Honolulu: Association of Hawaiian Pineapple Cannery, 1922.

First conference, held March 30, 31, April 1, 1922 in Honolulu, at which members approved a constitution and by-laws and elected officers. Includes a report of the year's work performed for the Pineapple Packers' Association by Hawaiian Sugar Planters' Association and talks by experiment station staff.

Loc: UH/HL/H&P

Roberts, Joyce O. *Pineapple in Hawaii Today.* Honolulu: Pineapple Growers Association of Hawaii, 1977.

Twenty page booklet describing all aspects of pineapple growing and processing. Contains a number of black and white and color photos. Includes information on selecting and serving fresh pineapple.

Loc: UH/HL/H&P

———. "Pineapple: The Man with the Hoe Gives Way to the Man with the Machine." Advertising Association of the West, June 24-28, 1957.

Page 31 of the souvenir publication, *Hawaiiana*, for AAW convention held in Honolulu. Roberts was on the staff of the Experiment Station as the representative for Pineapple Producers' Cooperative Association.

Loc: HHS

Wahiawa Pineapple Company. *Prospectus of the Wahiawa Pineapple Co., Ltd., to be Incorporated Under the Laws of the Territory of Hawaii; Capital \$50,000, 500 Shares of \$100/each.* Honolulu: R. Grieve Printing Company, 1904.

Loc: UH/HL/H&P

White, Henry Arthur. *Surveying the Frontiers of the Food Industry.* San Jose: Hawaiian Pineapple Co., Ltd., 1956.

An address given by White, President of Hawaiian Pineapple Company, at the Post Convention Meeting of the American Bankers Association in Honolulu discussing new products and the food industry. Asserting that "you can't stop progress," such as mechanization, the new organization of business in such forms as supermarkets, chain stores, and mergers, he called for flexible financing to underwrite the costs of such changes.

Loc: UH/HL/H&P

Young, Isabel Nelson. *The Hawaiian Islands and the Story of Pineapple.* New York: American Can Company, Home Economics Department, 1935.

Includes short history of Hawaii, especially history of immigration, pictures of the islands, fields, trainloads of pineapple, a cannery, plantation school, mechanical and mule-driven cultivation, as well as recipes. Probably designed for consumers in continental U.S. References and reading list included.

Loc: UH/HL/H&P HSL

PERIODICALS

Periodical Indexes

Bevens, Helen L. and Margery H. Martin. "A Three Year Index to *Hawaii Business* 1969-1971." Honolulu: Research Division, First Hawaiian Bank. In *Hawaii Business* January 1972: 74-82.

A similar index generally appears in the January issue of *Hawaii Business* and includes articles about the pineapple industry.

Loc: UH/HL/H&P

Index to Periodicals of Hawaii. Honolulu: Hawaii Library Association, 1976.

Covers the years between 1940 and 1960. See "pineapple" and "plantations."

Loc: UH/HL/H&P HSL

Lai, Kum Pui. *Index to Social Process in Hawaii*. Honolulu: University of Hawaii Library, 1971.

See "plantations" for references to pineapple.

Loc: UH/HL/H&P

Pacific Business News Index, 1983-1985.

For issues from 1983 to March 1985 there is a computer printout with subject headings, briefly describing each article; otherwise check index under "pineapple" and "pineapple industry".

Loc: UH/HL/H&P

Selected Articles in Periodicals

Ariyoshi, Rita. "Of Pineapples and Progress." *Islands* November/December 1988: 54-64.

Paradise lost theme; about Lanai and the changes about to take place. Two resorts are planned, outsiders want to save Lanai but Lanaians are ready for change and resent "outsiders with answers." Some pre-contact history, interesting historical tidbits, especially about owners (Gay, Baldwin) and other settlers.

Loc: HSL

Chapin, Helen Geracimos. "From Makaweli to Kohala: The Plantation Newspapers of Hawaii."

The Hawaiian Journal of History 23 (1989): 170-195

Includes a list of sugar and pineapple plantation newspapers.

Loc: UH/HL/H&P HHS HMCS

Chapman, Royal Norton. "The Hawaiian Pineapple Industry in Depression Years." *Thrum's Annual* 1935: 87-89.

In the previous five years pineapple had been in a "cycle of expansion and depression similar to that experienced by the business world in general" and adjusted its production to its ability to sell.

Loc: UH/HL/H&P HMCS

Clark, T. D. "The Story of Pineapple in Hawaii." *Mid-Pacific Magazine* May 1912: 455-461.

Loc: UH/HL/H&P HMCS

Collins, Julius Lloyd. "Notes on the Origin, History, and Genetic Nature of the Cayenne Pineapple." *Pacific Science*. 5.1 (1951): 3-17.

Social history of pineapple's introduction to European culture, its growth in Europe. Also published as Pineapple Research Institute's *Miscellaneous Paper* 48.

Loc: UH/HL/H&P BML

- _____. "Wild Pineapple in Hawaii." *Paradise of the Pacific* 49.2 (1937): 4+.
 Importation of wild pineapple for plant breeding program.
 Loc: BML
- Coulter, John Wesley. "Pineapple Industry in Hawaii." *Economic Geography* July 1934: 287-296.
 Article subheadings: Early History; Expansion; The Industry Since 1920;
 Cultivation [methods]; Transport and Canning; Labor; Production [increases].
 Loc: UH/HL/H&P
- Dean, Arthur Lyman. "Into the Depression and Out." *Thrum's Annual* 1938: 90-92.
 Loc: UH/HL/H&P BML
- "Export Value of Pineapple Products, 1925-27." *Thrum's Annual* 1929: 19.
 Loc: UH/HL/H&P HMCS
- Flood, Francis. "Around the World With Francis Flood, Article #98, "Hawaiian Pineapples"."
Nebraska Farmer 1929: August 17: 1309+; August 24: 1339+; August 31: 1367+;
 September 7: 1404+; September 14: 1463; September 21: 1469+; September 28: 1519.
 Newsprint.
 Overview of pineapple from a U.S. mainland farmer's perspective.
 Loc: UH/HL/H&P
- Harris, Jennie. "The Pineapple: Fruit of Royalty." *Natural History* January 1957: 32-38+.
 Starts with Columbus first tasting pineapple on Guadalupe Island. Includes the
 history of its cultivation, beginning of the industry in Hawaii, cultivation methods,
 changes, etc.
 Loc: BML
- "Hawaiian Pineapple. The Fruit of Kings by Nature Crowned." Reprint. *Canning Age: Dedicated
 to the Canning, Packing, and Allied Industries*. ca 1921.
 Bound reprints of "The Hawaiian Pineapple" by David Heenan, Jr. and "The
 Hawaiian Pineapple Cannery" by C. P. Barter. With photographs.
 Loc: HMCS
- Hunter, Charles H. "Pineapple Town: Hawaii." *Pacific Historical Review* Nov. 1959: 405-406.
 Review of Edward Norbeck's book of the same title.
 Loc: HHS
- Jackson, Frances O. "Of Credit Unions, Medical Unions, and Pineapple Harvesters: Three
 Vignettes from the 1930s." *Hawaiian Journal of History* 22 (1988) 228-240.
 Final vignette in article describes Kermit Jackson's invention, a pineapple
 harvester, and the process of patenting it. After the patent was acquired, Mr. Jackson
 approached several pineapple companies as potential buyers of his invention; none were
 interested. However, within a few years several companies were using a harvester
 which the article contends bore a remarkable resemblance to his. A response by Robert
 Cushing, former director of the Pineapple Research Institute, explaining the intricacies
 of patent law may be found in the "Notes and Queries" section of the *Hawaiian Journal
 of History* 23 (1989) 231-232.
 Loc: UH/HL/H&P HHS HSL HMCS
- Kidwell, John. "The Cultivation of Pineapple in Hawaii." *Hawaiian Forester and Agriculturalist* 1
 (1904): 334-345.
 Intended as a guide for those who may want to plant pineapples; includes
 instructions on cultivation and canning.
 Loc: HHS

- Kneiss, Gilbert H. "Pineapples, Sugar and War". *Railway and Locomotive Historical Society Bulletin* May 1957: 7-15.
 About Oahu Railway and Land Company. In 1905, Dillingham (owner of OR&L) built a railroad line to Waipahu for Dole. By 1908, with the coming of highways, more pineapple was moving by truck.
 Loc: HSL HHS
- Lacouture, John E. "James Drummond Dole: the Pineapple King: Roxbury Latin Class of 1895." *Roxbury Latin Newsletter* 57.1 (1983): 10-13.
 Biographical information concentrating on his life as a "pineapple mogul"; a photo of J. D. Dole with Shirley Temple and the interesting snippet that his father was a pacifist.
 Loc: BML
- McClellan, Edwin North. "First Polynesians May Have Brought Pineapples to Hawaii." *Hawaii Farm and Home* February 15, 1941: 15+.
 Loc: BML
- Mellen, George. "People Like 'em, So Hawaii Got Twenty Four Million Dollars Last Year for its Crop of Juicy Pineapple." *Sales Builder* July 1934: 3-5.
 Loc: HSL
- Nedbalek, Lani. "The Pioneers of Wahiawa." *Honolulu Magazine* 19.2 (1984): 62-65.
 Includes Dole, Alfred W. Eames, and others who settled in Wahiawa. Tells of the establishment of Wahiawa as a farming area, the beginning of Hawaiian Fruit and Plant Company, a cooperative. History of Dole's arrival and early business history.
 Loc: BML
- "Pineapple Companies Operating in the Hawaiian Islands." *Thrum's Annual* 1929: 22.
 Loc: UH/HL/H&P HMCS
- "Pineapple Panorama. "This is the Story of the Pineapple Industry in Hawaii." *Hawaii Farm and Home* March 1946: 3-14.
 Written to appeal to the farmer, with pictures and diagrams, descriptions of plants, lab work, field work, processing, and workers.
 Loc: UH/HL/H&P
- "Pineapples in Paradise." *Fortune Magazine* Nov. 1930: 33-38.
 Loc: HHS
- Pleasant, E. E. "Lanai" *The Friend* 1939: 171.
 Loc: HMCS
- Taylor, Frank J. "Hawaii Leaves No Soil Unturned: Where Farming is a Science." *Nation's Business* November 1953: 3+. Reprint.
 Includes sugar, pineapple, ranching, and macadamia nuts and discusses the status of the ILWU.
 Loc: UH/HL/H&P

Tuttle, Arthur Smith. *Engineering Notes on Hawaii*. Brooklyn Engineers' Club 43, 1903.
Presented November 13, 1902, to the Brooklyn Engineers' Club. A survey of the economic value of land and current businesses in Hawaii. Dole was growing his first crop then, so pineapple is not mentioned. Useful description of the climate in which he began his enterprise.

Loc: UH/HL/H&P

Wright, C. D. "The Hawaiian Pineapple." *Mid-Pacific Magazine* 10 (1915): 381-387.

Loc: BML

NEWSPAPERS

Newspaper Indexes

Bartholomew, Gail, ed. *The Index to the Maui News, 1900-1932*. Wailuku: Maui Historical Society, 1985.

See articles under "pineapple" and local company names.

Loc: UH/HL/H&P MHS

Hawaii. Department of Education. Office of Library Services. In cooperation with The Friends of the Library of Hawaii. *Index to the Honolulu Advertiser and Honolulu Star Bulletin, 1929-1967*. Honolulu: 1968.

The original index consists of five volumes beginning with 1929. These are supplemented by yearly indexes for both papers which are arranged by proper name and subject. Check under "pineapple" and the names of pineapple companies.

Loc: UH/HL/H&P HSL AH

Hawaii Newspapers and Periodicals on Microfilm: A Union List of Holdings in Libraries of Hawaii. Honolulu: Hawaii Library Association, 1977.

Tells the researcher where to find microfilm of newspapers and periodicals—a good source for information on the pineapple industry—as well as which years are on file at each location.

Loc: UH/HL/H&P

Lo, Catherine and Kauai Library Association. *The Garden Island Index, 1971-1980: a Subject, Author, and Photographic Index to Selected Articles in the Garden Island*. Lihue: Kauai Library Association, 1987.

Loc: UH/HL/H&P PUB Kauai Regional Library

McMillen, Sophia and Nancy Morris. *Hawaii Newspapers: A Union List*. Honolulu: Hawaii Newspaper Project, 1987.

Lists and catalogs all known extant newspapers published since 1834 including bibliographic information, repositories, and issues held. Lists copies and microfilms. No pineapple newspapers, which were scant; see indexes to individual newspapers for possible articles on pineapple. Table of contents includes plantation newspapers as well as newspapers in various languages.

Loc: UH/HL/H&P HHS AH BML HSL Kauai Community College Kauai Regional Library Maui Community College

Subject index card files. Honolulu: 1850s-1960s.

Numerous newspaper and magazine articles about pineapple in Hawaii, many on landmark events: building of canneries, moving, new plantations, mergers, harbors, unions, employment, anniversaries, financing, promotion, officers. Includes *Star Bulletin*, *Advertiser*, *The Friend*, and *Paradise of the Pacific*.

Loc: AH

Selected Newspapers

Garden Island.

Kauai Regional Library has a clipping file of *The Garden Island* newspaper articles; very few years, 1971-82, of this paper have been indexed. Under "Kauai Pineapple" are clippings on several pineapple companies including Island Pineapple (1960), Kauai Pineapple (1906-1965), Haseroth Pineapple Company (1960-1961), Hawaiian Canneries (1913-1962), Hawaiian Fruit Packers (1933-1973), and Kauai Pineapple Hui (1960). Each June, *The Garden Island* features historic events which occurred on Kauai. Includes references to pineapple industry.

Loc: Kauai Regional Library

Lanai . . . in Focus. January 1971-October 1978.

Newspaper of the Lanai Community Association. Notes about comings and goings of community members and activities.

Loc: LPSL

The Lanaian. October 1948-November 28, 1958; November 1978-June 1980; and current.

Loc: UH/HL/H&P LPSL

Selected Articles in Newspapers

Allen, Riley Harris and W. R. Chellgard. *Lanai, Island of Achievement*. Reprint. Honolulu: Honolulu Star Bulletin, 1926.

Headlines: "Where Man and Nature Work Together" and "Vision Plus Work—The Result." Tour to Lanai of state officials and Honolulu businessmen. Photos of the visitors and panoramic views of fields, harbor, Lanai City.

Loc: UH/HL/H&P

Honolulu Star Bulletin. Progress and Opportunity Edition. 20 October 1924.

Pages 26-29 cover pineapple: "How 'Faith and Works' Built an Industry: Commercial and Human Side of Hawaii's Second Major Business, Pineapples." 32 pages.

Loc: UH/HL/H&P

"Lanai, the Pineapple Kingdom." *Honolulu Advertiser*. 1-2 February 1926, Special Section.

Article titles: "Broad Vision Stamps Work on Lanai: (subheadings) Observer is Deeply Impressed with Dole's System, Pineapple Concern Looks Ahead, Remarkable Progress Made in Brief Two Years." "Isle of Pines Reveals Epic in Development to Honoluluans," (140 prominent Oahu citizens, including the governor, mayor, commanding general, and bankers, visited Lanai.) "Business and Civic Leaders of Honolulu Will Watch Lanai; an Editorial."

Loc: UH/HL/H&P

Mallott, Deane W. "Growth of Pineapple Industry is Romance of Big Business." *Honolulu Advertiser* 2 July 1931, Sec. 2: 14.

Loc: AH

Maui News Supplement-Haleakala Souvenir Edition. 23 February 1935.

Includes articles on the pineapple industry.

Loc: MHS

Pacific Commercial Advertiser. "Pineapple Section." 9 February 1921.

Retrospective of pineapple development in the Islands. Articles on pineapple use, by-products; introduction by John Kidwell, the builder of the first pineapple cannery in Hawaii.

Loc: UH/HL/Microfilm Collection

Siddall, John William. "Centenary Number, 1820-1920: Commemorating the Hundredth Anniversary of the Landing of the First American Missionaries in Hawaii." *Honolulu Star-Bulletin* Supplement April 1920.

A series of articles compiled by the author for the *Star-Bulletin*. Includes "Pineapples, the Second Industry in Hawaii," "Kohala Pineapple Company," "Pauwela Pineapple Company," "Haiku Fruit and Packing Company," "Honolua Ranch," and "Kauai Fruit and Land Company."

Loc: UH/HL/H&P

Smith, Jared Gage. *The Big Five; A Brief History of Hawaii's Largest Firms*. Reprint. Honolulu: The Advertiser Publishing Company, 1942.

Reprinted from the *Honolulu Advertiser*. Begins with the history of the founding of the Big Five. It is introduced as a defense of the integrity of the Big Five against their branding by "outsiders" as "iniquitous monopolists and that sort of tripe."

Loc: UH/HL/H&P

"The Pineapple Industry." *Maui News* 23 February 1935, Souvenir Edition: 13-14.

"More than half of the entire pack of canned pineapple of the territory is produced in Maui county." Chronology of Maui pineapple industry. Biography of Captain John Kidwell, first man to import and cultivate 'Smooth Cayenne' pineapple, pioneer in canning—he established Hawaiian Fruit and Packing Company in Waipahu, Hawaii's first cannery.

Loc: AH

GOVERNMENT PUBLICATIONS

Indexes

Buchanan, William W. and Edna A. Kanely. *Cumulative Subject Index to the Monthly Catalog of United States Government Publications*. Washington: Carrollton Press, 1973-75.

Identifies publications listed in the *Monthly Catalog*. See "pineapple" and "Hawaii."

Loc: UH/HL/GD

Congressional Information Service. *CIS US Congressional Hearings and Prints Indexes*. Washington: 1980.

An index of subjects and key words; "Hawaii," "agriculture," and "pineapple" point to several references in Congressional documents and reports. The subject index is cross-referenced.

Loc: UH/HL/GD

Publications

- Armstrong, Fred Eugene. *A Survey of Small Farming in Hawaii*. University of Hawaii, Research Publications 14. Honolulu: 1937.
Page 653 discusses pineapple farmers.
Loc: UH/HL/H&P
- Baker, Harold L. *Land Classification and Determination of Highest and Best Use of Hawaii's Agricultural Lands*. Honolulu: University of Hawaii, Land Study Bureau, 1972.
Includes productivity rates of agricultural land, including pineapple—12-14 tons per acre per year.
Loc: UH/HL/H&P
- Barmettler, Edmund R. and Heinz Spielmann. "Some Aspects of Financial Planning in Agricultural Cooperatives." *Agricultural Economics Bulletin*. Honolulu: Hawaii Agricultural Experiment Station, 1968.
Loc: UH/HL/H&P
- Bitterman, Mary G. *The Impact of the Sugar and Pineapple Industries on Land Ownership*. Honolulu: University of Hawaii, Environmental Simulation Lab, 1973.
Loc: HSL
- Bowen, Richard Lee and David Lindsey Foster. *A Profile of Displaced Pineapple Workers on Molokai*. Research Extension Series 31. Honolulu: University of Hawaii, College of Tropical Agriculture and Human Resources, 1983.
Loc: UH/HL/H&P AH HSL LRB DBED
- Brown, Michie O. and Flora Y. Takekawa. *A Teacher's Guide to Economic Understanding, Through a Case Study Approach, of the Pineapple Industry of Hawaii*. Honolulu: Hawaii, Department of Public Instruction, 1961.
A ninth grade unit to be used in conjunction with the film "Legislators on the Go" featuring a tour of legislators to the neighbor islands, especially to Lanai.
Loc: UH/HL/H&P
- Cooke, F. C. *The Pineapple Industry of the Hawaiian Islands*. Department of Agriculture, Federation of Malaya General Series 32. Jahore, India: Government Printing Department, 1949.
Chapter titles and subtitles include: "Plantations"—Soil Conservation, Cultivation, Planting, Mechanization in the Field; "Canneries"—Fruit Preparation, Packing, Warehousing; "Subsidiary Industries and By Products"; "Research"; "Organization of Growers, Cannery, Business Agents, Labor, etc."; and "Promotion." 118 pages.
Loc: UH/HL/H&P
- Diversified Industries in the Territory of Hawaii*. Honolulu: Hawaii Commissioner of Public Lands, 1903.
Statements addressed to E. S. Boyd, Commissioner of Public Lands. Includes "Pineapple Growing" by Byron O. Clark, president and manager of Tropic Fruit Co., Ltd., Wahiawa, pages 15-17.
Loc: UH/HL/H&P

- Dole, James. "Some Recollections of 25 Years of the Pineapple Industry." *Pineapple Men's Conference Proceedings*. Honolulu: University of Hawaii Extension Division, 1927-28.
 Speech given by Dole to the conference conducted by the Pineapple Technologists' Society.
 Loc: UH/HL/H&P
- DuPuy, William Atherton. *Hawaii and Its Race Problem*. U.S. Department of Interior. Washington, D. C.: GPO, 1932.
 Chapter titled "Pineapple," pages 73-82, describes pineapple production from the parts of the plant, planting, to cannery. Part of a general description of working conditions prior to a discussion of issues of race.
 Loc: HMCS
- Elder, Nell B. *Pineapple in Hawaii*. Hawaii Economic Education Series 3. Honolulu, T.H.: Department of Public Instruction, 1956.
 Educational booklet on pineapple history, research, growing, canning, marketing, workers, economic effect on Hawaii.
 Loc: UH/HL/H&P LRB DBED
- Farrington, Wallace Rider. *Hawaii's Opportunities For Its Boys Who Know Agriculture*. Honolulu, T.H.: Department of Public Instruction, 1928.
 An address by the territorial governor given before the Committee on Trade, Commercial, and Industrial Development of the Chamber of Commerce of Honolulu. A good overview of homestead lots available through the Organic Act of the Territory of Hawaii. Mentions homesteads available for growing pineapple in Makawao, Kula, Wahiawa, Kalaheo, Kapaa.
 Loc: UH/HL/H&P
- Freeman, Otis Willard. *The Economic Geography of Hawaii*. University of Hawaii Research Publication 2. Honolulu: 1927.
 Discusses pineapple, tourism, fishing, and supporting infrastructure.
 Loc: UH/HL/H&P
- Gerakas, Andrew. *Preservation of Agriculture and Agricultural Lands in Hawaii*. Honolulu: Hawaii, Department of Planning and Economic Development, 1972.
 Discusses the state of agriculture in Hawaii, the acreage in crops, including pineapple. Recommends action to stimulate agricultural production. States the economic, moral, social, and ecological value of agriculture in Hawaii.
 Loc: UH/HL/H&P
- Hawaii. Department of Agriculture. *The Impact of Foreign Pineapple Production on the Hawaiian Pineapple Industry; Problems and Recommendations*. Honolulu: 1972.
 The Hawaiian pineapple industry faced an increasingly bleak future due to tariff problems.
 Loc: UH/HL/H&P HSL AH LRB DBED
- Hawaii. Department of Agriculture. Marketing and Consumer Services. *Rules and Regulations. No. 1 [Fresh Fruits and Vegetables] Proposed. [Sub] Sec. 37, Standards for Hawaii-Grown Pineapples*. Honolulu: July 16-17, 1967.
 Loc: AH

Hawaii. Department of Planning and Economic Development. *Report to the Third Legislature of the State of Hawaii on House Resolution No. 6, Budget Session of 1964, Second Legislature, State of Hawaii Requesting the Department of Planning and Economic Development to Study and Report on the Adequacy of Pineapple Canning Facilities on the Island of Kauai.* Honolulu: 1965.

Industry was facing a decline in canned pineapple sales and increasing foreign competition. Kauai was particularly affected.

Loc: UH/HL/H&P LRB

_____. *The State of Hawaii Data Book: A Statistical Abstract.* Honolulu: 1967-.

The section on agriculture includes tables of statistics on acreage of pineapple land and value of pineapple crops. Published annually.

Loc: HSL DBED UH/HL UH/HL/H&P UH/SL

Hawaii. Department of Planning and Economic Development. Research and Economic Analysis Division. *Pineapple Growers' Report on Pineapple in Hawaii: Analysis and Recommendations.* Honolulu: 1973.

Candid remarks on the state of the pineapple industry: "Although not always cooperative with State government in the past, the pineapple companies have logic on their side when they say that many areas of the State need pineapple. . . . The past history of the pineapple companies in Hawaii . . . has built a real mountain of [negative] reactions to industry pronouncements. . . . [Thus] the following analysis of the PGI report has been deliberately pragmatic."

Loc: UH/HL/H&P DBED

Hawaii. Department of Planning and Research. *Statistical Abstracts of Hawaii.* Honolulu: 1962.

Gives agricultural statistics from 1900 to 1959. Check index under "pineapple". Includes yield, number of employees, and acreage under cultivation on each island.

Loc: UH/HL/H&P

Hawaii. Kauai Task Force. *Report and Recommendations to the Seventh Legislature.* Honolulu: 1973.

Study prompted by the closing of the last pineapple cannery in Kapaa which affected 65 full-time, 100 intermittent, and 100 summer employees, several independent farmers, and 1500 acres of agricultural land. Includes recommendations on the development of agricultural alternatives and other uses of resources previously committed to pineapple. DBED has annual reports to the legislature by the Kauai Task Force from 1970 to 1980.

Loc: UH/HL/H&P DBED

Hawaii. Office of the Governor. Office of Economic Opportunity and Maui Economic Opportunity, Inc. *Lanai: Survey of Low Income Population.* Kahului, Maui: 1972.

Stated purpose was to get current information on the level and conditions of poverty on Lanai to aid decision making by Maui Economic Opportunity, Inc. The study determined how many families and individuals were in poverty and what their social and demographic characteristics were.

Loc: AH UH/HL/H&P

Hawaii (T.H.). Board of Commissioners of Agriculture and Forestry. Division of Animal Industry. *Rules and Regulations, No. 1-*. Honolulu, 1905-.

Rules dealing with the importation, inspection, and shipping of pineapple and other crops.

Loc: AH

- Hawaii (T.H.). Governor. *Report of the Governor of the Territory of Hawaii to the Secretary of the Interior*. Washington, D. C.: GPO, 1900-1959.
 Each annual report contains information on the pineapple industry in the Territory. 1906 report includes maps of each island with pineapple acreage. 1901 maps show crown lands, some of which were soon homesteaded by pineapple growers.
 Loc: UH/HL AH
- Hawaii Pineapples: Annual Summary*. Honolulu: Hawaii Agricultural Statistics Service, 1985.
 Record of Hawaii pineapple production, number of farms, acreage for canned and fresh pineapple production, and estimated value.
 Loc: UH/HL/H&P
- Henke, L. A. *Annual Report for the Fiscal Year Ending June 30, 1918*. College Bulletin 5-6. Honolulu: College of Hawaii, Department of Agriculture, 1918-1919.
 First annual report of the department.
 Loc: UH/HL/H&P
- Higgins, J. E. *The Pineapple in Hawaii*. HAES (Hawaii Agricultural Extension Service) Press Bulletin 36. June 21, 1912.
 Covers soils, propagation, planting, tillage, harvesting, marketing, pests, and diseases.
 Loc: BML
- Horwitz, Robert H. and Judith B. Finn. *Public Land Policy in Hawaii: Major Landowners*. Honolulu: University of Hawaii, Legislative Reference Bureau Report 3, 1967.
 Identifies land owned and/or leased by private landowners, including pineapple companies, controlling more than 1000 acres. Maps of several islands show locations of specific pineapple lands.
 Loc: UH/HL
- Improving Hawaiian Soil Resources*. Honolulu: United States Department of Agriculture, Soil Conservation Service, 1958.
 Written for soil conservation officers. Information about pineapple is on page 17.
 Loc: UH/HL/H&P
- Kraemer, Erich Otto. *Recent Developments in Hawaiian Land Utilization. A Paper Prepared for the Seventh Pacific Science Congress, New Zealand, February 1949*. University of Hawaii Occasional Paper 51. Honolulu: 1949.
 Rural land utilization, 1940-1949, for emergency food production, sugar, pineapple, and use by the armed forces.
 Loc: UH/HL/H&P
- Manning, Caroline. *The Employment of Women in the Pineapple Canneries of Hawaii*. Bulletin of the United States Department of Labor, Women's Bureau 82. Washington, D.C.: GPO, 1930.
 Census data, occupations and conditions of work; wages; with pictures of canning tables and other work stations. 30 pages, including tables, diagrams, plates.
 Loc: UH/HL/H&P AH

- Mark, Shelley Muin and Seiji Naya. *Current Economic Condition of the Hawaiian Pineapple Industry*. Honolulu: University of Hawaii, Economic Research Center, 1962.
 Purpose was to present "an objective picture of the economic status of the Hawaiian pineapple industry, rather than suggest solutions to the industry's problems." Covers Hawaii's position in foreign export markets and domestic canned fruit markets; internal structure of the Hawaiian industry; state policy towards the pineapple industry; long-term prospects.
 Loc: UH/HL/H&P LRB DBED
- Maxwell, Walter. "The Hawaiian Islands." Reprint. *Yearbook of the Department of Agriculture* (1899):563-582.
 Description of the state of the agricultural industry by the director and chief chemist of the Hawaii Sugar Planters' Association. Page 571, "Fruits," includes pineapples in its discussion: "the fruits that are grown in quantities to amount to items of export are bananas and pineapples." It reports a 1897 export of pineapple at 149,515 pecks at a value of \$14,423.17.
 Loc: UH/HL/H&P
- Mee, James. *Economic Impact of Foreign Canned Pineapple Imports*. Honolulu: Department of Planning and Economic Development, July 1976.
 Staff report of the Hawaii Economic Development District Committee.
 Loc: DBED
- Miklius, W. and Yung C. Shang. *Land Management Policy; Leasing of State-Owned Agricultural Lands*. Honolulu: University of Hawaii, Economic Research Center, 1971.
 Study of leasing policies and procedures for general agriculture lands.
 Loc: UH/HL
- Mitchell, Wallace C. *Report to the 1976 Legislature on House Resolution 404 HD1 Requesting the University of Hawaii to Determine Feasibility of Establishing an Experiment Station at the Site of the Pineapple Research Institute*. Honolulu: University of Hawaii, College of Tropical Agriculture, 1975.
 Activities of the Pineapple Research Institute (PRI) were to cease at the end of 1975. PRI was to dispose of facilities and land located at Waipio, near Mililani. The proposed new experiment station would continue pineapple research as part of its mandate.
 Loc: UH/HL/H&P LRB
- Najita, Joyce M. *The 1947 Hawaiian Pineapple Strike*. Honolulu: University of Hawaii, Industrial Relations Center Publications, 1958.
 Assessment of the relative bargaining power position of both parties. Describes collective bargaining and the nature of employment. 1947 strike is used as the model for analysis. 17 pages, including selected bibliography. Cataloged under Joyce A. Matsumoto at AH and LRB.
 Loc: UH/HL/H&P AH LRB
- Noda, Daniel S., editor. *Resource Units for Social Studies Teachers, Units 1-11*. Honolulu, T.H.: Department of Public Instruction, Hawaiian Economic Education Advisory Council, and Summer Economic Education Workshop, 1952-54.
 Unit Four, "The Pineapple Industry in Hawaii," includes suggested objectives and resources for teaching secondary school students about the industry.
 Loc: UH/HL/H&P

Oahu Economic Education Seminars, Hawaii (T.H.) Department of Public Instruction, and Hawaiian Economic Education Advisory Council. *The Pineapple Industry in our Economy: A Report on Economic Education in Hawaii, 1952*. Honolulu: 1953.

Proceedings of a seminar to "present a true picture of the pineapple industry in Hawaii." Panel included members of the ILWU and company executives. Speakers were Randolph Crossley, chairman of the Oahu Economic Education Seminars; Eric Reppun, plantation manager; Eugene Sheffield, cannery plant manager; and C. C. Cadagan, sales.

Loc: UH/HL/H&P LRB DBED

Peters, Charles Wilber. *Marketing Fresh Hawaiian Papayas and Pineapples on the Mainland*. Honolulu: University of Hawaii, College of Tropical Agriculture, Department of Agricultural Economics, 1953.

On June 27, 1953, the ban on shipping untreated 'Smooth Cayenne' pineapple was lifted. This pamphlet gives costs for shipping and retail and wholesale margins.

Loc: UH/HL/H&P

Philipp, Perry Ford. *Environmental Requirements of Certain Agricultural Enterprises in Hawaii. A Report by Members of the College of Tropical Agriculture of the University of Hawaii to the State of Hawaii Land Use Commission*. Honolulu: University of Hawaii, College of Tropical Agriculture, 1962.

Includes: "Soils of Hawaii and Land Use" by G. D. Sherman; "Requirements of Horticultural Crops" by J. C. Gilbert; "Requirements of Field Crops and Pineapple" by M. Takahashi.

Loc: UH/HL/H&P

_____. *Hawaiian Agriculture—Past, Present, and Future*. Honolulu: University of Hawaii, College of Agriculture, Agricultural Experiment Station, Department of Agricultural Economics, 1959. mimeo.

Five page overview of pineapple.

Loc: UH/HL/H&P

Philipp, Perry Ford and Harold L. Baker. *Cost of Production of Fresh Pineapple on Molokai*. Research Report 231. Honolulu: Hawaii Agricultural Experiment Station, 1975.

Loc: UH/HL/H&P DBED

Philipp, Perry Ford, W. G. Sanford and R. W. Stanley. *Feasibility of Growing Pineapple Forage on Molokai for Sale to Oahu Cattle Producers*. Honolulu: Hawaii Agricultural Experiment Station, 1976.

Contents: yields of green chop and hay, cost analyses, competitive position of Molokai-produced pineapple, and a bibliography of University of Hawaii studies on pineapple by-products for animal feeds.

Loc: UH/HL/H&P DBED

Philippine Islands, Bureau of Labor. *Report Covering Investigation of Labor Conditions and Employment of Filipinos in Hawaii*. Manila: Bureau of Printing, 1926.

Loc: UH/HL/H&P

Pineapple Men's Conference, Proceedings. Honolulu: University of Hawaii Extension Division, 1927-28.

Previously named *Short Course in Pineapple Production*. Conference conducted by the Pineapple Technologists' Society and includes the business meeting of the society. General session and separate cannery and field sessions. Includes "Some Recollections of 25 Years of the Pineapple Industry" by James Dole.

Loc: UH/HL/H&P

Polk, Lon. "Oahu's Export Revenues from Pineapple, 1970-1995." *Economy of Oahu: Objectives and Policies*. Honolulu: City and County of Honolulu, Department of General Planning, January 1977.
Loc: DBED

Scott, Frank S. , Jr. and Sabry Shehata. *Characteristics of Consumer Demand for Fresh Pineapple*. Honolulu: University of Hawaii, College of Tropical Agriculture and Human Resources, Institute of Tropical Agriculture, 1980.
Loc: UH/HL DBED

Shoemaker, James H. "'Economic and Labor Conditions in Hawaii' and 'Labor Trends in Hawaii'" *Monthly Labor Review* 66 (1948):488-492, 609-612. Reprints. Washington, D.C.: United States Department of Labor, Bureau of Labor Statistics, GPO.
Loc: UH/HL/H&P

_____. *The Economy of Hawaii in 1947*. Washington, D. C.: GPO, 1948.
"The Pineapple Industry," pages 75-97, describes the development and organization of the industry, unionization, and earnings of plantation and cannery workers.
Loc: LRB

Short Course in Pineapple Production. Honolulu: University of Hawaii Extension Division, 1921-26.
Title later changed to *Pineapple Men's Conference, Proceedings*, which better describes it. Papers presented on all aspects of pineapple: cultivation, factory production, labor, nutrition, by-products. Conference's declared aim was to develop a better and cheaper product.
Loc: UH/HL/H&P

Shriver, J. Alexis. *Pineapple Canning Industry of the World*. Special Agent Series 91: 9-18. Washington, D.C.: GPO, 1915.
Notes canning season and concomitant labor problems as well as organization of the industry.
Loc: HMCS

Simpich, Frederick Jr. *A Survey of Labor Conditions in the Principal Industries of the Territory of Hawaii*. Honolulu: National Recovery Administration, 1935.
Loc: UH/HL/H&P

Smith, Jared Gage. *Agriculture in Hawaii*. Honolulu: Evening Bulletin Print, 1903.
Promotional pamphlet, much smaller than the 1908 version described below. Two canneries were in operation at this time.
Loc: UH/HL/H&P

_____. *Agriculture in Hawaii*. Territory of Hawaii. Honolulu, T.H.: Hawaii Promotion Committee, 1908.
Promotional pamphlet describing climate, soils, commercial plants, flowers, field crops, and industry. Published by the committee as the representative of the Territory of Hawaii, Honolulu Chamber of Commerce, and Merchants Association of Honolulu.
Loc: UH/HL/H&P

Stearns, Harold Thornton. *Geology and Ground-water Resources of the Islands of Lanai and Kahoolawe, Hawaii*. Hawaii, Division of Hydrography, Bulletin 6. Honolulu, T.H.: Advertiser Publishing Company, 1940.

Contains maps, including folded maps in pockets.
Loc: HHS

Stubbs, William Carter. *Report on the Agricultural Resources and Capabilities of Hawaii*. Washington, D.C.: GPO, 1901.

Submitted to the United States Department of Agriculture, Office of Experiment Stations, Washington, D.C., 1901. Pineapple is discussed on page 39. Also issued as House Doc. 368 of the 56th Congress, 2d session [serial no. 4117].
Loc: UH/HL/H&P

United States. Bureau of Census. *Fifteenth Census of the United States: 1930. Outlying Territories and Possessions: Number and Distribution of Inhabitants, Composition and Characteristics of the Population, Occupations, Unemployment and Agriculture. Prepared under the Supervision of Starke M. Grogan, in Charge of Outlying Territories and Possessions*. Washington, D.C.: GPO, 1932.

Loc: UH/HL/H&P

United States. Bureau of Labor. "Report of the Commissioner of Labor on Hawaii." Washington, D.C.: GPO, 1901-

A periodical report which covers plantations and canneries, including description of work, definition of occupations, hours and wages in 1929, length of service of employees, bonuses, race and sex of cannery workers. Variant title: "Labor in the Territory of Hawaii 1901-1915." See also "Labor Conditions in the Territory of Hawaii, 1929-1930." *Bulletin of the United States Bureau of Labor Statistics*. Washington, D.C.: GPO, 1931. No. 534: pp. 52-77.

Loc: UH/HL/H&P AH

United States. Department of Agriculture. Agricultural Extension Service and Federal Extension Service. *Annual Narrative and Statistical Reports from State Offices and County Agents. Hawaii, 1929-1944*. Washington, D.C.: National Archives Microfilm Publications, T856, 1951.

Microfilm of records currently in the National Archives, Records of the Federal Extension Service, Record Group 33.

Loc: UH/HL

United States. Division of Territories and Island Possession. Bureau of Insular Affairs, House Committee on Immigration and Naturalization, et al. *Selected Documents Relating to Immigration From the Philippines to Hawaii, Record Group 350, Records of the Bureau of Insular Affairs*. 1901-1941.

File 3037. Correspondence, press clippings and publications, including information about labor problems in Hawaii; hearings before the Committee on Immigration and Naturalization, House of Representatives, 1921; Report of the Director of Labor (Philippines), 1926 (in English and Spanish); and Labor Conditions in the Territory of Hawaii, 1929-1930; report from the U.S. Bureau of Labor Statistics, 1931. Includes some papers from the Bureau's predecessor, Division of Insular Affairs, and its successor, Division of Territories and Island Possessions. On microfilm.

Loc: UH/HL/H&P

United States. House of Representatives. Committee on Agriculture. *Agricultural Programs in the Hawaiian Islands; Report and Recommendations of a Special Subcommittee of the Committee on Agriculture of the House of Representatives, Eighty-Third Congress, First Session*. Washington, D.C.: GPO, 1953.

A subcommittee flew to Hawaii "to investigate the sugar situation and other agricultural programs carried on in the islands." They met with representatives of the pineapple and sugar growers including Hawaiian Pineapple Co., Ltd.

Loc: UH/HL/H&P

United States. House of Representatives. Committee on Education and Labor and Subcommittee on Agricultural Labor. *Investigation of Unemployment Among Agricultural Workers in Hawaii, January 1 through January 8, 1974*. Washington, D.C.: GPO, 1975.

Investigations by the committees of potential mass unemployment due to shut-downs. Members took a six-day on-site tour on Oahu (Del Monte Cannery) and Molokai (Dole and Del Monte).

Loc: UH/HL/H&P

United States. Tariff Commission. *Canned Pineapple and Pineapple Juice: Workers of Hawaiian Fruit Packers, Ltd., Kapaa, Kauai, Hawaii*. Washington, D. C.: Tariff Commission Publication #581, 1973.

A report to the President of the United States, due to a request by the ILWU, to "determine eligibility to apply for adjustment assistance on behalf of workers of Hawaiian Fruit Packers" in Kapaa. The report concluded that imported canned pineapple and juice was not causing unemployment or underemployment in the Hawaii pineapple industry.

Loc: UH/HL/H&P LRB DBED

University of Hawaii. Agricultural Experiment Stations. *Some Price Relationships of Hawaiian Canned Pineapple and Selected Pacific Coast Canned Fruits 1947-1961*. Agricultural Economics Bulletin 56. Honolulu: 1961.

Loc: LRB

University of Hawaii. College of Tropical Agriculture. *Explanation of the Research Program of the Hawaii Agricultural Experiment Station*. Honolulu: Hawaii Agricultural Experiment Station, 1968.

Mission, goals, program of the HAES. Agricultural research needs of Hawaii, research priorities, agricultural economy.

Loc: UH/HL/H&P

University of Hawaii. College of Tropical Agriculture. Agricultural Experiment Station. *Report*. Honolulu, 1900-1972.

Each report includes a financial report, names of administrators and faculty members, list of publications, list of research projects including title of project and specialists involved, project narrative reports, and new trends and findings.

Loc: UH/HL/H&P

University of Hawaii. College of Tropical Agriculture and Human Resources. Agriculture Coordinating Committee. *Pineapple Industry Analysis*. Agricultural Industry Analysis: the Status, Potential, and Problems of Hawaiian Crops 3. Honolulu: 1977 and 1981.

Published "as a step towards marshalling the resources available in the State of Hawaii for the maintenance of the pineapple industry in an orderly and optimally successful fashion . . ." Includes statements of potentials, problems, and a chart of the problems, action required, by whom, and expected outcome.

Loc: UH/HL/H&P DBED

- University of Hawaii. Economic Research Center. *A Study of Cannery Operations at Kapaa, Kauai*. Honolulu: 1960.
 Study conducted for the first state legislature regarding the announced closing of Hawaiian Canneries in Kapaa. Description of Hawaiian Canneries' problems and investigation of possible solutions.
 Loc: UH/HL/H&P LRB
- Wilcox, Earley Vernon. *Hawaii: Its Agricultural Possibilities*. Honolulu (T.H.): Board of Commissioners for the Territory of Hawaii of the Alaska-Yukon Pacific Exposition, 1909.
 Promotional, pineapple is on pages 23-25. "What Hawaii offers to the mainland farmer" is on page 39. Wilcox was director of Hawaii Agricultural Experiment Station.
 Loc: UH/HL/H&P

THESES AND DISSERTATIONS

- Bottenfield, Vernon Charles. "Changing Patterns of Land Utilization on Molokai." M.A. Thesis. University of Hawaii, 1958.
 Covers land utilization from the early Hawaiian period to the present. Includes land use maps showing pineapple fields.
 Loc: UH/HL/H&P BML
- Choy, Brian J. J. "Future of Plantation Communities in Hawaii, Kahuku Town, Oahu." M.S. Thesis. University of Hawaii, 1973.
 Identifies significant characteristics of plantation communities and some potential problems in the move to becoming non-plantation communities. Kahuku Town is used as a prototype.
 Loc: UH/HL/H&P
- Chung, Chan Kil. "Structure and Efficiency Measurement in Production: With Special Reference to Selected Agricultural Industries in Hawaii." Ph.D. Dissertation. University of Hawaii, 1975.
 Hypothesis: large farms are more successful because they are more efficient. Questions: what is the impact of structural change in the agricultural industries and the relationship of efficiency and the economics of scale?
 Loc: UH/HL/H&P
- Clifford, Mary Dorita. "Filipino Immigration to Hawaii." M.A. Thesis. University of Hawaii, 1954.
 Loc: UH/HL/H&P
- Dogan, Muammer. "Tariff Feasibility and the Competitive Position of Hawaii." Ph.D. Dissertation. University of Hawaii, 1974.
 At this date, the pineapple industry had declined in growth and faced the possibility of complete phasing out due to higher prices because of costs and competition. The purpose of this report was to investigate the feasibility of higher tariffs on imports.
 Loc: UH/HL/H&P
- Gilbert, Vivien K. "Cost Factors and Budgetary Control in the Pineapple Industry in Hawaii." M.A. Thesis. University of Hawaii, 1949.
 Purpose: "to emphasize the correlation of basic economic principles and cost accounting and to evaluate the cost accounting procedures" of the pineapple industry.
 Loc: UH/HL/H&P

- Graham, Floyd. "The Position of Foreman in the Hawaiian Pineapple Industry on Oahu." M.A. Thesis. University of Hawaii, 1951.
Social and economic status, working attitudes and habits, opportunities for advancement, labor issues.
Loc: UH/HL/H&P
- Krauss, Beatrice H. "The Transpiration of Pineapple Plants." M.S. Thesis. University of Hawaii, 1930.
Loc: UH/HL/H&P
- Murakami, Kensabro. "A Study of the Development of Certain Industries in Hawaii Since American Annexation (1898-1940)." M.A. Thesis. University of Southern California, 1941.
Chapter VII covers pineapple, its early history—origin, introduction to the islands, problems, and expansion—its cultivation and canning, and working conditions in the industry.
Loc: UH/HL/H&P
- Osman, Wali M. "An Analysis of the Economic Effect of Agricultural Land Zoning on Sugar and Pineapple Production in Hawaii." Ph.D. Dissertation. University of Hawaii, 1987.
Concludes that zoning prevented conversion of almost 21,000 acres of agriculturally zoned land to urban use between 1964 and 1983.
Loc: UH/HL/H&P
- Shehata, Sabry. "Predicting the Market Potential for Fresh Pineapple Using the Survey Approach." Ph.D. Dissertation. University of Hawaii, 1977.
Loc: UH/HL/H&P DBED
- Smith, Donald Wallace. "A Summary and Analysis of Grievances in the Hawaiian Pineapple Company." M.B.A. Thesis. University of Hawaii, 1957.
Includes grievance procedures and an index of 140 formal grievances at the Honolulu factory and Wahiawa plantation of Hawaiian Pineapple Company, October 1949 to December 1956. Two volumes with tables and bibliography.
Loc: UH/HL/H&P
- Taylor, Keith LaRue. "Accident Proneness Among the Pineapple Cannery Workers of Hawaii." M.A. Thesis. University of Hawaii, 1950.
Loc: UH/HL/H&P

MANUSCRIPTS AND ARCHIVAL DOCUMENTS

- Armstrong, Fred Eugene. "A History of Agricultural Education of Less Than College Grade in Hawaii." Honolulu: 1941. ts.
A description of vocational agriculture education in the schools, including field work in sugar and pineapple for boys. Page 14 recounts the establishment of the Territorial Board of Vocational Education by Governor Farrington.
Loc: UH/HL/H&P

- Association of Hawaiian Pineapple Cannery, Experiment Station. "Taxonomy of the Pineapple: Compiled from Available Literature and a Report of Varieties Imported for Testing by the A.H.P.C. Experiment Station." Wahiawa, Hawaii: 1925. ts.
Contains names of varieties and characteristics of pineapple and where each variety is distributed. Hand written cover; carbon copy interior.
Loc: UH/HL/H&P
- Brown, Francis H. ii. "Report to the Honorable Clement Gomes, President of the Senate, Regarding Conditions on Lanai and Niihau—Lands, Roads, Schools, Parks, Landing Facilities, Public Properties, Improvements, Welfare of the People." Honolulu: March 24, 1947. ts.
Loc: HHS
- Carhart, Michael. "Ke Kala'aina O Lanai: Na Leo Iki. Sub Politics of Lanai: The Little Voices." 1988. ts.
Interpretation of the political-economic changes and responses of the people on Lanai. Uses model of core and periphery powers described by Immanuel Wallerstein in *The Capitalist World Economy*.
Loc: UH/HL/H&P
- F. B. R. "A Brief Review of Libby's Activities in Hawaii: Early History, Progress and Contributions to the Economic and Industrial Development of the Territory." Honolulu: 1950. ts.
Chronology of Libby's land and cannery expansion starting with its first purchase in 1909. Development in Maunaloa, Molokai, of Hoolehua Homestead Pineapple Planting Project; of Makawao and Haiku; and of Kalihi Cannery.
Loc: BML
- Gill, Lorin Tarr. "Hawaiian Pineapple." Honolulu: 1930s. mimeo.
Another description of the pineapple industry, this one more eloquently written than most.
Loc: UH/HL/H&P
- Greenwell, H. N. "Journals." ts.
Unpublished journals which includes discussion of pineapple activities on the Big Island between 1882 and 1919.
Loc: KoHS
- Guillou, Rene. "Mechanization of Tropical Farming in Hawaii." U.N. Economic and Social Council, 1949. ts.
Pre-publication copy of the proceedings of the United Nations Scientific Conference on the Conservation and Utilization of Resources. Experience paper prepared for section meetings. Says there was slow mechanization of the pineapple industry because of the cheapness of labor; recent labor shortages had prompted mechanization.
Loc: UH/HL/H&P
- Harman, G. W. "The World Market for Canned Pineapple and Pineapple Juice." London: Tropical Development and Research Institute, 1984. ts.
Loc: UH/HL/H&P
- Hawaii War Records Depository.
Contains letters, records, pamphlets, and films about the pineapple industry during World War II. Includes: the use of student pineapple field and cannery workers during the shortage of adult workers; theme papers by university students about their experiences in the pineapple industry during the war; Filipino labor importation;

pineapple company employees' roles in the war effort; percentage of pineapple pack reserved for the armed services; union activities during and just after the war, including articles on the 1947 pineapple strike; and a "memorandum on military control of the Hawaiian Islands" which includes description of the control of labor by the military governor between 1941-43. Supplementary material to this collection is available on microfilm.

Loc: UH/HL/H&P

"Legislative Inspection of Pineapple Operations, Maui—Lanai—Molokai—Kauai, January 13-15, 1960." 1960. ts.

Typed presentation for the touring group, including individuals from the House, Senate, the press, pineapple companies, and others. Includes background information on the pineapple companies, comments on sites to be visited, including fields, irrigation systems, buildings, and landmarks.

Loc: LRB

Moncado, Hilario Camino. "Filipino Labor Conditions in the Territory of Hawaii." Honolulu: n.p., 1936.

Request made to the president of the Philippines for a resident labor commissioner in Hawaii. Report includes population and economic statistics, sources of labor supply, and levels of illiteracy and English-speaking ability among Filipinos. Author was acting as senior delegate to the Philippine Constitutional Convention.

Loc: UH/HL/H&P

Oehm, Gus. "By Nature Crowned: King of Fruits: Pineapple in Hawaii." Honolulu: Pineapple Companies of Hawaii, ca 1953.

"A draft form for editing purposes" of the history of pineapple, being re-circulated to pineapple companies to check accuracy with the intent to publish. Oehm was editor for Pineapple Research Institute 1949-52. Grand praise of the industry and the men involved. Uses archaic language and biblical allusions (Chapter I: "Whence Came This Ananas Comosus?" Chapter VI: "Children in the Dark." Chapter IX: "Seek and Thou Shalt Find").

Loc: UH/HL/H&P

Peterson, E. B. *Hawaiian Plantations and Employment Conditions of Plantation Workers*. 1957. ts.

Short general description covering wages, unionization, housing, education, and welfare. Prepared by Peterson, advisor to the United States Delegation to the International Labor Conference, Geneva, 1957. 13 pages.

Loc: UH/HL/H&P

Peterson, John. "Environment, Company and Community on Molokai." Library Prize for Pacific Research, Prize Papers. 1970. ts.

A study of the relationship between environment and management policy and its effects on the pineapple plantation villages of Maunaloa and Kualapuu, Molokai.

Loc: UH/HL/H&P

Philipp, Perry Ford and Ralph Elliott. "Hawaii and Its People; Land Utilization." Honolulu: 1949. ts.

Data includes agricultural land use, exportation of products, population changes.

Loc: UH/HL/H&P

Pineapple Growers Association of Hawaii. "Closing Down of Pineapple Operations on Molokai: a Discussion of Reasons Why with a Review of the Past, Problems of the Present and Alternatives for the Future." January 1974. ts.

In October 1974 Dole announced it would close Maunaloa Plantation at the end of 1975. Three months later Del Monte, after 46 years of operation, announced it too would close its Molokai operation (at Kualapuu) at the end of 1975.

Loc: DBED

Storm, John Breton. Wahiawa Pineapple Festival Scrapbook. 1949-50.

Festival was underwritten by the pineapple companies and organized by Wahiawa civic organizations. Scrapbook contains photographs, newspaper advertisements, and articles covering the pageant, hula, and other festival activities.

Loc: UH/HL/H&P

Transportation Applications. 1923-1941.

Applications by individuals, including pineapple workers, to travel to and from the Philippines. Photographs are included.

Loc: WCGP

Wahiawa Settlement Association. 1899-1939.

Wahiawa Settlement Association was formed by Byron O. Clark and a group of Californians who settled in Wahiawa and began experimenting with agricultural crops, including pineapple. Records in this collection include accounts, agreements, assets, correspondence, minutes of meetings, and other documents of W.S.A. Look also in the subject card file under Wahiawa and under the association's name.

Loc: AH

ANNUAL REPORTS

Castle & Cooke, Ltd. *Annual Report*. Honolulu, 1945-.

Loc: UH/HL/H&P HHS

_____. *Interim Report*. Honolulu, 1960-.

Business reports published within the calendar year (every 12-24 weeks) including pineapple and cannery sales.

Loc: UH/HL/H&P

Del Monte Corporation. *Annual Report*. San Francisco, 1967/68-1971/72.

Formerly called California Packing Corporation. Many color illustrations and color photographs.

Loc: UH/HL/H&P

Hawaiian Canneries Co., Ltd. *Report*. Kapaa, Kauai, ca 1913-1958/59.

Includes list of personnel by years of service and pictures of employees at work and play.

Loc: UH/HL/H&P

Hawaiian Fruit Packers, Ltd. *Annual Report*. Kapaa, Kauai: Hawaiian Fruit Packers, 1951-53.

Founded 1937 in Kapaa, Kauai. Tone and data of the report reflect the company's decline which led to the closing of the cannery in Kapaa.

Loc: UH/HL/H&P

Hawaiian Pineapple Company. *Report*. Honolulu, 1920-1960.

Annual Reports. A number of reports are bound together. Covers of several are paintings by artists such as A. S. McLeod (local), Pierre Roy (France—brought to Honolulu to paint scenes), and Lloyd Sexton (Hilo).

Loc: UH/HL/H&P AH

Libby, McNeill & Libby. *Annual Report*. Chicago, 1945-1975.

Information about Libby canned food industry, including pineapple, baby foods, and a range of other food products.

Loc: UH/HL/H&P

Maui Land & Pineapple Company. *Annual Report*. Kahului: Maui Land & Pineapple Company, 1973-1988.

Includes information on land sub-divisions.

Loc: UH/HL/H&P LRB

Oahu Railway and Land Company. *Report of the Oahu Railway and Land Company and Statement of Accounts*. Honolulu: 1890-1960.

Titles vary slightly. 1929 report, Table 10, "Freight Commodity Statistics," notes that fresh pineapple equaled 14,111 carloads, 168,775 tons, and \$347,521 in revenue. 1953 report gives map of OR&L tracks and industrial property.

Loc: HSL

BUSINESS RECORDS

Bishop Museum Archives

Processed materials in this collection are available to the public. The Theo. H. Davies Collection in these archives contains business records related to pineapple.

Loc: BML

Dole Pineapple Company.

Historic business records of Dole Pineapple Company are currently scattered among several offices. They are uncataloged and it is not clear what records have been saved, but it is possible to gain access to them. To find out more, contact Carol Aramaki, Dole Packaged Foods Company, 801 Dillingham Boulevard, Honolulu, Hawaii 96817, Phone: 544-5224; or Richard Dole, 47-172 Lilipuna Road, Kaneohe, Hawaii 96744, Phone: 247-6030.

Hawaiian Sugar Planters' Association Plantation Archives.

Contains business records of ten or more sugar plantations. Scant reference to pineapple industry, primarily the purchase of pineapple bran for animal feed, the renting of pineapple land for sugar growing, and the competition over laborers. Search subject index under "pineapples," "pineapple bran," "Wahiawa Pineapple Company," "Kauai Pineapple Company," "Oahu Sugar Company," and "Hawaiian Canneries Company."

Loc: HSPA Plantation Archives

Kauai Museum.

The Kauai Museum has a few items in its collections regarding pineapple. The rarest is the collection of business papers, bills, and handwritten documents from the little-known Kukua O Lono Pineapple Company in Kalaheo.

Maui Land and Pineapple Company, Kahului, Maui.

Corporate History Files contain oral histories and photographs. Company records include manuscripts, documents, maps, blueprints, pineapple bulletins, annual reports, and other business records. Collection is unprocessed and, therefore, not readily available for research use. A special appointment is necessary. Contact Special Projects Director of ML&P.

Richards, Atherton. *A Memorandum to the Stockholders of Castle & Cooke, Limited*. Honolulu: Published by the author, 1940.

An expose of an attempt to use "rush tactics" which seemingly have been employed to "blitzkrieg and confuse a still undisclosed group of Castle & Cooke Stockholders—the aim being to establish a one or two man control of the affairs of Castle & Cooke under the device of voting trust or irrevocable proxy."

Loc: UH/HL/H&P

MAPS AND MAP COLLECTIONS

Agricultural Land of Importance to the State of Hawaii. [Washington, D.C.]: United States, Department of Agriculture, Soil Conservation Service, November 1982.

Shows fields on all islands.

Loc: UH/HL/Map Collection

Bier, James Allen. *Moloka'i, The Friendly Isle; Lana'i, The Pineapple Isle*. Honolulu: University of Hawaii Press, ca 1977.

A folding road map of Molokai and Lanai.

Loc: UH/HL/H&P HSL AH

Hawaii. Department of Accounting and General Services, State Archives.

The state archives hold over 2000 maps of various sorts: geologic, topographical, rainfall, etc. (plus aerial photographs—Photographs and Photograph Collections). Maps are card cataloged by island. Card usually tells what detail can be found on the map and if it was also part of a publication. Some maps show plantations, railroads, homesteads, crown lands, Land Commission awards, and pineapple acreage. See individual island citations below for samples of available maps.

Hawaii. Department of Accounting and General Services, State Survey Office.

The State Survey Office both produces and collects maps of all the Hawaiian Islands, generally of state-owned land and Hawaiian Home Lands. Maps are filed by locality, island, and tax map key number. Many historic maps are indexed by area. The collection is valuable for land use and land tenure information, and maps sometimes show pineapple lands. Includes maps with boundaries of lands owned by Baldwin Packers, Ltd. The maps can be reproduced and are not restricted in use.

Hawaii. Department of Planning and Economic Development. *Directory of Hawaii Map Sources*. Honolulu, 1978.

Describes maps available at various public and private agencies throughout the state. Categories include agricultural, historical, land, soil, and special management. Holdings of larger public libraries and of all branch libraries on Oahu are detailed.

Loc: UH/HL

- Hawaii. Office of the Governor. Office of State Planning. *Directory of Maps and Geographic Information in Hawaii*. Honolulu: 1988.
Lists State, County, and Federal maps, reference collections and map dealers.
Loc: AH
- Kauai Historical Society. "H.F.P. Fields."
Hawaiian Fruit Packers field maps. H.F.P was the last operating pineapple cannery on Kauai at Kapaa (on Kawaiahaeo Road). Probably a complete set of field maps (60-80).
- Kauai Maps*. 1905-1960.
Topographical. General classification by suitability; large land holdings; Kapaa (1905-15); Kalaheo (1907); Lawai (1907).
Loc: AH
- Komstohk, L. *Lanai; Large Land Holdings*. Honolulu: University of Hawaii, Land Study Bureau, 1960.
Loc: AH
- Lanai—Generalized Classification of Lands by Suitability for Intensive Agriculture*. Honolulu: University of Hawaii, Land Study Bureau, Revised, August 1959.
Includes land classifications definitions; with road inlay.
Loc: AH
- Maui Maps*. Washington, D.C.: U.S. Geological Survey, 1885-1956.
Topographical. 1922, Haiku; Honolua; Kahului.
Loc: AH
- Molokai Maps*. Washington, D.C.: U.S. Geological Survey, 1921-22.
By quadrangles; Kualapuu (1:31,680).
Loc: AH
- Mudd, Kostka, J. F. McCook, and H. B. Smith. *Lanai*. Topographic. [Washington, D.C.]: U.S. Geological Survey, 1923.
Loc: AH
- Oahu*. Topographical. [Washington, D.C.]: United States, Department of Interior, U.S. Geological Survey, 1917, reprinted 1930.
Topographical map of the island of Oahu, City and County of Honolulu, surveyed 1900-1913 by the U.S. Army Engineers. Shows railroad tracks of OR&L and Oahu Sugar Company.
Loc: UH/HL/Map Collection
- Quinn, Richard and Robert Choy. *Hawaiian Islands*. Topographic Models. 1936.
Shows pineapple fields on all islands.
Loc: UH/St. John's Building Lobby
- Sugar Mill and Cannery Map of the Territory of Hawaii*. New York: Sanborn Map Company, 1919.
Insurance maps of buildings, indicating type of construction and fireproofing features. Shows buildings, workstations, grounds.
Loc: UH/HL/H&P

University of Hawaii at Manoa, Department of Geography. *Atlas of Hawaii*. Honolulu: University of Hawaii Press, 1973.

This edition has maps showing the locations of pineapple acreage on all islands.
Loc: UH/HL

University of Hawaii. Land Study Bureau. *Detailed Land Classification*. L.S.B. Bulletin #3 and 6-11. Honolulu: 1963-72.

The first part is text giving the physical characteristics and description of each island, crop productivity ratings, and land use. Maps and aerial photographs comprise over half of the publication.

Loc: AH

University of Hawaii. Land Study Bureau. *Maps*.

Maps created by the LSB, 1959-61, to illustrate land classification, use, ownership, vegetation zones, and median rainfall, as well as a series of aerial photos. These maps are not yet processed and are more easily accessible in their published form in the L.S.B. Bulletin cited above.

Loc: AH

PHOTOGRAPHS AND PHOTOGRAPH COLLECTIONS

Archives of Hawaii.

Approximately thirty negatives and glass plates of pineapple fields, portraits, machines, cannery workers, and processing listed in the Archives card catalog. You may ask to view their collection of photograph prints held in boxes under titles: "Buildings—Business": Alexander & Baldwin (50), Castle & Cooke (20); "Pineapple": Pineapple Equipment (86), Cannery Workers (76), Fields (68), Field Laborers (57), Plantation Homes and Research (14). Photographs are reproducible.

The Archives also has aerial photographs plotting much of the land area on all islands cataloged in a three-ring binder. Many of these photographs were taken by the U.H. Land Study Bureau and were used in their land classification publications cited under Maps and Map Collections.

Bishop Museum Library Visual Collection.

Loose Photograph Files. In a box labeled "Agriculture" is a folder labeled "Pineapples" with 28 photographs depicting freak pineapples and unusual pictures; "adolescent pineapples"; pineapple bran; "first pineapple plantation" (in Manoa); Tropic Fruit Company storefront promo pictures with pretty maidens; Dole or roadside fruit stand. Photographs are reproducible.

In boxes labeled "Agriculture. Pineapple." are the following folders and contents: "Canneries" (100): Libby, McNeill & Libby; machinery; loading platform at Hawaiian Pineapple Company; California Packing in Iwilei; Libby in Kalihi; Hawaiian Preserving Company; American Canning Company. "Fields" (70). "Harvesting, Hauling Fruit" (15): Barges; shipping; early trucking; horse-drawn hauling. "Harvesting, Picking Fruit" (40): Manual harvesting, early mechanical harvesting, horse-drawn wagons loaded in field; night harvesting. "Machinery and Equipment" (22): Laying paper in fields; good pictures of *luna* on horseback; field cultivation, discing; spraying; different generations of machinery. "Plowing and Planting" (20): Planting material drying in fields; workers in fields. "Shipping" (23). "Workers" (8): Pineapple Growers Association, Lawai, Kauai, 1930, members; posed photographs of field workers, *hoe hana*, pickers.

Baker Collection: Early style of planting; pineapple fields, 1916-40, state-wide; hoe gang, 1926; workers with mules, 1915; pineapple in flower; residence of Ginaca Brothers near Mokuleia.

Film B. n.d. 16mm.

Soundless film except during dialogue shots. Lanai pineapple workers' strike; various shots of picketers, spokesmen. Unfinished documentary.

Loc: UH/SL/WAC

Legislators on the Go. Wright Esser. Honolulu: Pineapple Companies of Hawaii, Public Relations Department of the Pineapple Growers' Association, n.d. 16mm.

Documents a trip by Hawaii legislators during which they inspected different pineapple plantations and canneries on neighbor islands.

Loc: UH/SL/WAC

1001 Pineapples. With Robert Mitchell. The Habousn Company and J. Walter Thompson Company, n.d. 16mm. 13 minutes.

Demonstration/advertisement film for a recipe booklet. Showcases pineapple's versatility.

Loc: UH/SL/WAC

Pineapple Country—Hawaii. With Joyce Roberts. Honolulu: The Pineapple Growers' Association of Hawaii, n.d. 16mm. 26 minutes

Details research done for pineapple growth in Hawaii; with Billy James Kaleopaa. Filmed and edited by Francis Haar.

Loc: UH/SL/WAC

Pineapple Growing in Hawaii. With Tom King and Joyce Roberts. Honolulu: Pineapple Growers' Association of Hawaii with the cooperation of the Pineapple Research Institute, 1963. 16mm. 15 minutes.

A documentary about growing and canning pineapple in Hawaii with Billy James Kaleopaa and James Lyman. Filmed and edited by Francis Haar.

Loc: UH/SL/WAC

ORAL HISTORY INDEXES

University of Hawaii, Social Science Research Institute, Ethnic Studies Oral History Project.

Catalog of the ESOHP Collection 1976-84. Honolulu, June 1984.

Description of each publication of ESOHP including names and description of interviewee and interview data.

Loc: UH/HL/H&P PUB AH

_____. *Master Index to the ESOHP Interviews 1976-83.* Honolulu, June 1984.

Index by subject and name of interviewee. Subject categories include large sections on pineapple, cannery work, and plantations.

Loc: UH/HL/H&P PUB AH

ORAL HISTORIES

Cushing, Robert. *Robert Cushing Interviewed by Stuart Gerry Brown*. Honolulu: John A. Burns Oral History Project, 1982.

Describes Cushing's background and career in agri-business in Hawaii as director of the Pineapple Research Institute and president and vice-president of Hawaiian Sugar Planters' Association, his association with John A. Burns, and his service on the Board of Regents of the University of Hawaii. Two sound cassettes and written transcript.

Loc: UH/HL/H&P

MacNaughton, Malcolm. *Malcolm MacNaughton Interviewed by Stuart Gerry Brown*. Honolulu: John A. Burns Oral History Project, Phase III, 1983.

Describes MacNaughton's background, career in big business in Hawaii at Castle & Cooke, comments on the post-World War II political situation, Governor John A. Burns and the rise of the Democratic Party, and how the private sector was affected. 4 sound cassettes and transcript.

Loc: UH/HL/H&P

Stevens, Jean. *A Conversation With Jean Stevens*. 1988.

An audiotaped conversation with Jean Stevens, former executive secretary at the Dole Pineapple company. Includes some history and resource information on pineapple with individual private collections of material identified.

Loc: HHS

University of Hawaii at Manoa, Social Science Research Institute, Center for Oral History. *Lanai Ranch: The People of Koele and Keomuku*. Honolulu, July 1989.

Oral history of ranching on Lanai. As one of the few economic alternatives on the island, ranching necessarily interacted with the pineapple industry. Several of the interviewees worked in the pineapple industry.

Loc: UH/HL/H&P PUB AH

_____. *Waikiki, 1900-1985*. Honolulu, 1988.

At least one interviewee, Esther Bader, worked in the pineapple industry.

Loc: UH/HL/H&P PUB AH

University of Hawaii. Social Science Research Institute. Ethnic Studies Oral History Project. *Kalihi: Place of Transition*, Volume I-III. Honolulu, June 1984.

Has many references to pineapple. See index under "canneries," "cultivation," "plantation camps," etc.

Loc: UH/HL/H&P PUB AH

_____. *Pine Women*. Honolulu, 1983.

Videotaped interviews with six field workers and ten cannery women. Hawaii's pineapple industry has historically been one of the largest employers of women workers. This oral history documents the experiences of these women.

Loc: UH/HL/WAC

_____. *Women Workers in Hawaii's Pineapple Industry*. Honolulu, 1979.

Interviews with women pineapple workers in 1979. Focuses on the roles of long-term workers in Oahu's pineapple canneries and fields, from 1920 to 1960, and the effects of this work on their lives. Audiotapes and transcripts.

Loc: UH/HL/WAC

Otagaki, Kenneth Kengo. *Interviews with Kenneth Kengo Otagaki*. [Honolulu]: John A. Burns Oral History Project, Phase II, 1982.

Describes his background, career in agriculture, association with Governor John A. Burns and the Democratic Party in Hawaii, his service as Director of Agriculture in the Burns administration and related accomplishments; comments on Burns' political contemporaries. Two sound cassettes and transcript (32 leaves).

Loc: UH/HL/H&P

HISTORIC SITES

Dole Cannery. Iwilei, Oahu. 650 Iwilei Road, Honolulu, Hawaii 96817.

Dole Cannery has been in Iwilei, near the docks, since Oahu Railway and Land Company began running train-loads of pineapple from the fields in Wahiawa and elsewhere to Iwilei for canning in 1907. The Cannery now gives tours which begin with a multi-media presentation about James Dole and the development of Dole Company. Exhibits on the history of the pineapple industry in Hawaii include a panoramic photograph of fields, reproductions of almost a hundred can labels used by Dole, and a scale model of Dole Cannery operations. Artifacts include ledgers, machine parts, and an early phone used at Dole. Videotaped presentations show other parts of processing which the viewer can't observe, such as harvesting and unloading.

Hours are Monday through Sunday, 8:00 a.m. to 4:00 p.m. Cost is \$5.00 for adults, children under 12 free. Kama'aina rates are available at \$2.50. Phone: 523-3653.

Dole Plantation/Pine Pavillion. Wahiawa, Oahu. 64-1550 Kamehameha Highway, Wahiawa, Hawaii 96786.

The first Dole pineapple stand open in Wahiawa in the middle of the pineapple fields in 1950 selling whole and sliced fresh pineapple. The latest stand was built on the same spot in 1988. Today's stand includes shops containing curios, souvenirs, and clothing with Dole logos as well as a fountain featuring refreshments containing pineapple. Behind the Pavillion is a field of twenty or more pineapple varieties, including the 'Smooth Cayenne,' at different phases of growth —some just planted and others ready to harvest.

Hours are Monday through Sunday, 9:00 a.m. to 5:30 p.m. Phone: 621-8408.

Kapaa Pineapple Cannery. Kapaa, Kauai.

Now occupied by other businesses.

Mauna Kea Coffee Mill. Napoopoo, Hawaii.

This mill was used as a pineapple cannery by the Captain Cook Fruit Company until 1911.

Olu Pua Gardens and Plantation.

Olu Pua Gardens, one half mile west of Kalaheo, Kauai, was home and headquarters for the descendants of Duncan McBryde, a Scotsman, who settled there in the mid-1800s. In 1905, Walter McBryde formed Kauai Fruit and Land company in Lawai and in 1930 changed its name to Kauai Pineapple Company, Ltd. Its stock was purchased that year by Alexander & Baldwin, Inc. Olu Pua was leased for managers' homes. The main house was built for Richard G. Bell and a second house was for assistant manager, John Watkins. Kauai Pineapple Company operated until 1964.

The botanical gardens at Olu Pua were first developed by Richard Bell and the historic buildings are open for tours. Olu Pua Gardens is presently the home for Ka Imi Ka'auao O Hawaii Nei, a school perpetuating Hawaiian culture through dedication to hula and chant.

Tours are given Monday, Wednesday, and Friday at 9:30 a.m., 11:30 a.m., and 1:30 p.m.. Phone 332-8182 for reservations. Cost is \$10 per person.

Pineapple Variety Garden. Wahiawa, Oahu. Intersection of Kamehameha Highway with Kaukonahua Road and Kamananui Road.

This garden, maintained for decades by Del Monte, is a favorite stopping point for residents and visitors. Exotic and seldom-seen varieties of the pineapple family, some ornamental, others bearing edible fruit, are on continual display in a triangular lot surrounded by pineapple fields.

DIRECTORY OF LIBRARIES AND OTHER RESEARCH INSTITUTIONS

REGIONAL PUBLIC LIBRARIES

Hawaii State Library
478 South King Street
Honolulu, Hawaii 96813
(808)548-2346 Hawaii and Pacific Collection
(808)548-2386 Government Documents
Collection

Kaimuki Regional Library
1041 Koko Head Avenue
Honolulu, Hawaii 96816
(808)732-0727

Pearl City Regional Library
1138 Waimano Home Road
Pearl City, Hawaii 96782
(808)455-4134

Hawaii Regional Library
300 Waianuenu Avenue
Hilo, Hawaii 96721
(808)935-5407

Kahului Library
90 School Street
Kahului, Maui, Hawaii 96732
(808)877-5048

Kauai Regional Library
4344 Hardy Street
Lihue, Kauai, Hawaii 96766
(808)245-3617

Molokai Library
P.O. Box 22395
Kaunakakai, Molokai, Hawaii 96748
(808)553-5483

Note: Smaller branch libraries may have some of the published materials listed in this guide.

OTHER RESEARCH INSTITUTIONS AND GOVERNMENT AGENCIES

Bernice Pauahi Bishop Museum Library
1525 Bernice Street (P.O. Box 19000-A)
Honolulu, Hawaii 96819
(808) 847-3511

Department of Accounting and General
Services, State of Hawaii
State Survey Office
Kalanimoku Building
1151 Punchbowl Street
Honolulu, Hawaii 96813
(808)548-7423

Department of Business and Economic
Development, State of Hawaii
Library
250 South King Street
Honolulu, Hawaii 96813
(808)548-3059

Department of Land and Natural Resources,
State of Hawaii
Kalanimoku building
1151 Punchbowl Street
Honolulu, Hawaii 96813
(808)548-7416 Bureau of Conveyances,
Registrar

Hana Cultural Center
P.O. Box 27
Hana, Maui, Hawaii 96713
(808)248-8070

Hawaii State Archives
Iolani Palace Grounds
Honolulu, Hawaii 96813
(808)548-2355

Hawaiian Historical Society
560 Kawaiahao Street
Honolulu, Hawaii 96813
(808)537-6271

Hawaiian Mission Children's Society
553 South King Street
Honolulu, Hawaii 96813
(808)531-0481

Hawaiian Sugar Planters' Association
99-193 Aiea Heights Road
Aiea, Hawaii 96701
(808)487-5561

Kauai Historical Society
P.O. Box 1778
Lihue, Kauai, Hawaii 96766
(808)822-3373
Open Tuesday and Thursday

Kauai Museum
4428 Rice Street (P.O. Box 248)
Lihue, Kauai, Hawaii 96766
(808)245-6931

Kona Historical Society
P. O. Box 398
Captain Cook, Hawaii 96704
(808)323-3222

Lanai Public and School Library
Lanai City, Lanai, Hawaii 96763
(808)565-6996

Legislative Reference Bureau Library
State Capitol Building, Room 005
Honolulu, Hawaii 96813
(808)548-7853

Maui Historical Society
2375A Main Street (P. O. Box 1018)
Wailuku, Maui, Hawaii 96793
(808)244-3326

Center for Oral History
Social Science Research Institute
Porteus Hall 704
University of Hawaii at Manoa
Honolulu, Hawaii 96822
(808)956-6259

University of Hawaii at Manoa Archives,
Sinclair Library
Make request at Hamilton Library Hawaiian
Collection desk.

University of Hawaii at Manoa, Hamilton
Library
2550 The Mall
University of Hawaii
Honolulu, Hawaii 96822
(808)956-8264 Hawaiian and Pacific Collec-
tions
(808)956-8230 Government Documents

University of Hawaii Wong Audiovisual Center
Sinclair Library
(808)956-7316